1. Identification

Call	Date of submission
C1	25/04/2022

1.1. Full name of the project

Mobility and Transport in Baltic Zero Emission Cities

53 / 250 characters

1.2. Short name of the project

MoBal Zities

12 / 20 characters

1.3. Programme priority

3. Climate-neutral societies

1.4. Programme objective

3.3 Smart green mobility

1.6. Project duration

Contracting start	22/09/2022	**Contracting end**	31/12/2022
Implementation start	01/01/2023	**Implementation end**	31/12/2025
		Duration of implementation phase (months)	36
Closure start	01/01/2026	**Closure end**	31/03/2026

1.7. Project summary

MoBal Zities tackles the urgent challenge of delivering smart green mobility in zero emission cities by demonstrating resource-efficient, integrated and digital solutions in real-world pilots, with particular focus on electrification. MoBal Zities will implement and validate ten pilot solutions in five cities on different scales (e.g. from streets to districts or city-wide approaches) enabling transport of persons and goods. These pilots will deliver immediate benefits in each city by reducing air pollution, CO2 emissions, noise and congestion, whilst improving service access, range and quality. The solutions will be transferable to other locations, where they will help stakeholders speed up their work to deliver sustainable mobility and transport in zero emission cities.

To achieve transfer, MoBal Zities will focus on target groups including local and regional public authorities, SMEs, infrastructure and service providers, as well as the general public and other stakeholders. These groups need information and skills to adapt or adopt solutions to achieve sustainable mobility and transport; specific barriers include infrastructure gaps, planning concepts, business models, or digital tools to deliver services. MoBal Zities will help overcome barriers by actively involving targets groups and delivering activities e.g. co-creation, work shadowing, mentoring, thematic guides, transfer packages, webinars and more to increase capacity and knowledge, and to stimulate action.

1,494 / 1,500 characters

1.8. Summary of the partnership

MoBal Zities has a strong focus on transnational learning and knowledge sharing through structured cooperation. The consortium consists of five cities, two universities and four private companies. The cities share the common challenge of achieving zero emission, fossil-free transportation. The cities are important nodes in their respective regions and are connected to each other by road, rail and/or water. Each city has worked extensively with urban mobility and transport in EU projects, and will contribute to the consortium with experience and expertise that is mutually complementary and boosts the rollout of innovative solutions in the Baltic Sea Region.

- Project coordinator Stockholm (Sweden) has strong expertise in the electrification of city fleets, targeted information campaigns, rollout of charging infrastructure and procurement. Stockholm aims to advance this work in MoBal Zities to address new and emerging challenges related to electrification.
- Bremen (Germany) is a leading city for multimodal transportation, having successfully developed a network of mobility hubs and promoted active and integrated transport solutions. Bremen will build upon this work to develop electrified multimodal services.
- Gdynia (Poland) has worked extensively to develop and promote e-mobility (e.g. e-cargo bike rental system for local businesses). Gdynia will focus on planning and demonstrating zero-emission city logistics and electric vehicles to city fleets.
- Tallinn (Estonia) uses smart solutions to help reduce congestion and enable car-free lifestyles. Tallinn aims to transform public space by introducing zero emission city logistics and will improve access to sustainable modes including electric vehicles.
- Turku (Finland) is a high-tech centre at the forefront of digitalisation. Turku will introduce new multimodal and digital solutions and planning methods to accelerate its transition to zero emission urban mobility and transport. Turku will implement pilots with SMEs Nodeon (charging streets) and IGL Technologies (real-time monitoring of logistics transport), with the large enterprise Turun Osuuskauppa piloting park and charge solutions for e-bikes in a city shopping centre.

The cities will work with two excellent universities with long experience of EU projects, Turku University of Applied Sciences and Gdansk University of Technology, who will assist with project evaluation activities along with validation of local pilots. Communication and transfer activities will be coordinated by Etelätär Innovation, a technology SME that has received awards for excellent communication, exploitation and replication activities in EU-projects. Etelätär is chair of the Smart Transportation Alliance to which it proactively transfer project outcomes. Associate partner UBC will help transfer project results to local public authorities across the BSR, with communications actions transferring results to additional target groups.

2,973 / 3,000 characters

1.11. Project Budget Summary

Financial resources [in EUR]		Preparation costs	Planned project budget
ERDF	ERDF co-financing	0.00	5,672,647.59
	Own contribution ERDF	0.00	1,418,161.96
	ERDF budget	0.00	7,090,809.55
NO	NO co-financing	0.00	0.00
	Own contribution NO	0.00	0.00
	NO budget	0.00	0.00
NDICI	NDICI co-financing	0.00	0.00
	Own contribution NDICI	0.00	0.00
	NDICI budget	0.00	0.00
RU	RU co-financing	0.00	0.00
	Own contribution RU	0.00	0.00
	RU budget	0.00	0.00
TOTAL	**Total Programme co-financing**	0.00	5,672,647.59
	Total own contribution	0.00	1,418,161.96
	Total budget	0.00	7,090,809.55

2. Partnership

2.1. Overview: Project Partnership

2.1.1 Project Partners

No.	LP/PP	Organisation (English)	Organisation (Original)	Country	Type of partner	Legal status	Partner budget in the project	Active/inactive	
								Status	from
1	LP	City of Stockholm	Stockholms stad	SE	Local public authority	a)	1,762,139.78 €	Active	22/09/2022
2	PP	Free Hanseatic City of Bremen	Freie Hansestadt Bremen	DE	Local public authority	a)	1,468,569.46 €	Active	22/09/2022
3	PP	Municipality of Gdynia	Miasto Gdynia	PL	Local public authority	a)	454,696.57 €	Active	22/09/2022
4	PP	City of Tallinn	Tallinna Linn	EE	Local public authority	a)	1,070,075.65 €	Active	22/09/2022
5	PP	City of Turku	Turun kaupunki	FI	Local public authority	a)	887,862.84 €	Active	22/09/2022
6	PP	Etelätär Innovation	Etelätär Innovation OÜ	EE	Small and medium enterprise	b)	568,279.57 €	Active	22/09/2022
7	PP	Turku University of Applied Sciences	Turun ammattikorkeakoulu	FI	Higher education and research institution	a)	236,116.12 €	Active	22/09/2022
8	PP	Gdansk University of Technology	Politechnika Gdańska	PL	Higher education and research institution	a)	321,710.62 €	Active	22/09/2022
9	PP	IGL-Technologies Ltd	IGL Technologies Oy	FI	Small and medium enterprise	b)	107,078.44 €	Active	22/09/2022
10	PP	Nodeon Finland	Nodeon Finland Oy	FI	Small and medium enterprise	b)	108,786.32 €	Active	22/09/2022
11	PP	Turun Osuuskauppa	Turun Osuuskauppa	FI	Large enterprise	b)	105,494.18 €	Active	22/09/2022

2.1.2 Associated Organisations

No.	Organisation (English)	Organisation (Original)	Country	Type of Partner
AO 1	Union of Baltic Cities	Union of Baltic Cities	FI	NGO

2.2 Project Partner Details - Partner 1

LP/PP Lead Partner

Partner Status Active

Active from 22/09/2022 **Inactive from**

Partner name:

Organisation in original language Stockholms stad

15 / 250 characters

Organisation in English City of Stockholm

17 / 250 characters

Department in original language Miljöförvaltningen

18 / 250 characters

Department in English Environment & Health Administration

35 / 250 characters

Partner location and website:

Address STADSHUSET/REDOVISNINGSENHETEN

30 / 250 characters

Country Sweden

Postal Code	10535 (5 / 250 characters)	**NUTS1 code**	Östra Sverige
Town	Stockholm (9 / 250 characters)	**NUTS2 code**	Stockholm
Website	start.stockholm (15 / 100 characters)	**NUTS3 code**	Stockholms län

Partner ID:

Organisation ID type	Organisation number (Organisationsnummer)
Organisation ID	212000-0142
VAT Number Format	SE + 12 digits
VAT Number	**N/A** ☐ SE212000014201 (14 / 50 characters)
PIC	996559183 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Local public authority	Municipality, city, etc.
Sector (NACE)	84.11 - General public administration activities	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? Yes

Financial data	**Reference period**	01/01/2021 –	31/12/2021
	Staff headcount [in annual work units (AWU)]		44,018.0
	Employees [in AWU]		0.0
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]		44,018.0
	Owner-managers [in AWU]		0.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]		0.0
	Annual turnover [in EUR]		0.00
	Annual balance sheet total [in EUR]		0.00
	Operating profit [in EUR]		0.00

Role of the partner organisation in this project:

The City of Stockholm coordinates MoBal Zities and is responsible for project and financial management. Stockholm will lead WP1 and WP2 and collaborate with Etelätär (WP3 Leader and communications manager) throughout the project. Stockholm will also coordinate thematic Activity 1, in which Stockholm will pilot a cluster of actions aiming to increase off-street charging; work on a pilot to introduce electric heavy machinery including evaluation of demonstration projects (Activity 2); and pilot a cluster of actions that will increase on-street charging in Actvity 3. These pilots will address needs identified in previous or ongoing projects such as Eccentric, GrowSmarter, Meister, FastTrack, ASAP, HALLO. Stockholm has previously won the global Smart City award and CIVITAS Legacy award and contribute to capacity-building and co-creation through proactive and engaged coordination and knowledge transfer across all activities.

933 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 2

LP/PP	Project Partner
Partner Status	Active
Active from	22/09/2022
Inactive from	

Partner name:

Organisation in original language	Freie Hansestadt Bremen (23 / 250 characters)
Organisation in English	Free Hanseatic City of Bremen (30 / 250 characters)
Department in original language	Die Senatorin für Klimaschutz, Umwelt, Mobilität, Stadtentwicklung und Wohnungsbau (82 / 250 characters)
Department in English	Ministry for Climate Protection, Environment, Mobility, Urban Development and Housing (85 / 250 characters)

Partner location and website:

Address	Contrescarpe 72 (15 / 250 characters)	**Country**	Germany
Postal Code	28195 (5 / 250 characters)	**NUTS1 code**	Bremen
Town	Bremen (6 / 250 characters)	**NUTS2 code**	Bremen
Website	www.bauumwelt.bremen.de/mobilitaet/nachhaltige-mobilitaet-31694 (63 / 100 characters)	**NUTS3 code**	Bremen, Kreisfreie Stadt

Partner ID:

Organisation ID type	Tax (identification) number (Steuer(identifikations)nummer)
Organisation ID	811418337 (9 / 50 characters)
VAT Number Format	DE + 9 digits
VAT Number	N/A ☐ DE811418337 (11 / 50 characters)
PIC	998928796 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Local public authority	Municipality, city, etc.
Sector (NACE)	84.11 - General public administration activities	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities?	No

Financial data				
	Reference period	01/01/2021	–	31/12/2021
	Staff headcount [in annual work units (AWU)]			42,800.0
	Employees [in AWU]			42,800.0
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]			0.0
	Owner-managers [in AWU]			0.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]			0.0
	Annual turnover [in EUR]			0.00
	Annual balance sheet total [in EUR]			0.00
	Operating profit [in EUR]			0.00

Role of the partner organisation in this project:

The City of Bremen is an internationally recognised forerunner in Sustainable Urban Mobility Planning (SUMP Award winner), as cycling city and with the integration of shared mobility in transport strategies and urban development. Bremen will develop and implement an innovative combination of promoting active modes, shared mobility and electrification with the core of 'zero emission hubs', of integrated mobility offers using digitalisation. The pilots will demonstrate a multidimensional approach for sustainable mobility – starting/ending in urban neighbourhoods with limited street space. Bremen will share and disseminate its experience of the pilots within Mobal Zities to inspire other local and regional authorities for transferring solutions. Bremen will also share experiences from previous actions and facilitate exchange with ongoing projects (e.g. ELIPTIC, GreenCharge, SHARE-North, SUNRISE, ULaaDS). Bremen will assist WP Leaders by coordinating thematic Activity 2.

983 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 3

LP/PP	Project Partner		
Partner Status	Active		
Active from	22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Miasto Gdynia (13 / 250 characters)
Organisation in English	Municipality of Gdynia (22 / 250 characters)
Department in original language	Wydział Inwestycji – Referat Zrównoważonej Mobilności (53 / 250 characters)
Department in English	Investments Department – Sustainable Mobility Unit (50 / 250 characters)

Partner location and website:

Address	Al. Marszalka Piłsudskiego 52/54 (32 / 250 characters)	**Country**	Poland

Postal Code	81-382 (6 / 250 characters)	**NUTS1 code**	Makroregion północny
Town	Gdynia (6 / 250 characters)	**NUTS2 code**	Pomorskie
Website	www.gdynia.pl/ (14 / 100 characters)	**NUTS3 code**	Trójmiejski

Partner ID:

Organisation ID type	Tax identification number (NIP)
Organisation ID	5862312326
VAT Number Format	PL + 10 digits
VAT Number	**N/A** ☐ PL5862312326 (12 / 50 characters)
PIC	967386433 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Local public authority	Municipality, city, etc.
Sector (NACE)	84.11 - General public administration activities	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? No

Role of the partner organisation in this project:

Gdynia is devoted to sustainable mobility (CIVITAS Legacy Award 2021) and with GUT (PP8) will prepare, introduce and evaluate pilot solutions focused on zero emission city logistics such as a logistics microhub, e-vehicles for public services and the development of a Sustainable Urban Logistics Plan (SULP). This is innovative for Gdynia, because logistics was previously addressed mainly in connection with port operations. City logistics is developing in Poland; Gdynia is one of the first Polish cities to be actively involved in optimisation of urban logistics operations and is considered as a model city for its services. MoBal Zities will help implement the "Strategy of Electromobility Development for City of Gdynia 2035" and decrease the city's climate footprint. All of the project actions will be coordinated and introduced by Investments Department (Sustainable Mobility Unit) in the City Hall of Gdynia (who will share experiences from e.g. ELIPTIC, DYN@MO, CityChangerCargoBike).

995 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 4

LP/PP	Project Partner		
Partner Status	Active		
	Active from 22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Tallinna Linn (14 / 250 characters)

Organisation in English	City of Tallinn (15 / 250 characters)
Department in original language	Tallinna Transpordiamet (23 / 250 characters)
Department in English	Tallinn Transport Department (28 / 250 characters)

Partner location and website:

Address	Vabaduse väljak 7 (17 / 250 characters)	**Country**	Estonia
Postal Code	15199 (5 / 250 characters)	**NUTS1 code**	Eesti
Town	Tallinn (7 / 250 characters)	**NUTS2 code**	Eesti
Website	www.tallinn.ee (14 / 100 characters)	**NUTS3 code**	Põhja-Eesti

Partner ID:

Organisation ID type	Registration code (Registrikood)
Organisation ID	75028252
VAT Number Format	EE + 9 digits
VAT Number	**N/A** ☐ EE100803602 (11 / 50 characters)
PIC	986128482 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Local public authority	Municipality, city, etc.
Sector (NACE)	84.11 - General public administration activities	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities?	No

Financial data	**Reference period**	01/01/2021	–	31/12/2021
	Staff headcount [in annual work units (AWU)]			0.0
	Employees [in AWU]			0.0
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]			0.0
	Owner-managers [in AWU]			0.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]			0.0
	Annual turnover [in EUR]			0.00
	Annual balance sheet total [in EUR]			0.00
	Operating profit [in EUR]			0.00

Role of the partner organisation in this project:

The City of Tallinn will be European Green Capital in 2023 and has ambitious goals to provide accessible and resource-efficient multimodal transport, supported by digital solutions, as part of its work to become a zero emission city. In MoBal Zities, Tallinn will in Activity 1 implement a process to enable installation of charging infrastructure in private properties and other locations; and in Activity 2, develop and implement a process to plan and pilot battery-driven trolley buses (which can extend the range and increase flexibility of existing public transport services), and implement a plan for zero emission last-mile logistics in a car-free centre, with focus on service delivery to businesses and residents in the historic old town. Tallinn will play an active role in project co-learning and transfer activities, bringing experience from projects such as HupMobile, AI4Cities and Park4SUMP, with special focus on the city during 2023 enabling synergies with other actions.

988 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 5

LP/PP	Project Partner		
Partner Status	Active		
Active from	22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Turun kaupunki (14 / 250 characters)
Organisation in English	City of Turku (13 / 250 characters)
Department in original language	Liikkumispalvelut (17 / 250 characters)
Department in English	Mobility Services (17 / 250 characters)

Partner location and website:

Address	Puutarhakatu 1 (14 / 250 characters)	**Country**	Finland
Postal Code	20100 (5 / 250 characters)	**NUTS1 code**	Manner-Suomi
Town	Turku (5 / 250 characters)	**NUTS2 code**	Etelä-Suomi
Website	www.turku.fi (13 / 100 characters)	**NUTS3 code**	Varsinais-Suomi

Partner ID:

Organisation ID type	Business Identity Code (Y-tunnus)
Organisation ID	0204819-8
VAT Number Format	FI + 8 digits
VAT Number	N/A ☐ FI02048198 (10 / 50 characters)
PIC	993966082 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Local public authority	Municipality, city, etc.
Sector (NACE)	84.11 - General public administration activities	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? Yes

Financial data	**Reference period**	01/01/2020 –	31/12/2020
	Staff headcount [in annual work units (AWU)]		20,000.0
	Employees [in AWU]		10,000.0
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]		10,000.0
	Owner-managers [in AWU]		0.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]		0.0
	Annual turnover [in EUR]		158,300,000.00
	Annual balance sheet total [in EUR]		179,200,000.00
	Operating profit [in EUR]		10,236,000.00

Role of the partner organisation in this project:

The City of Turku will prepare and pilot several solutions, including a mobility management campaign for companies and housing associations promoting integrated use of different modes. In 2023 Turku will launch a charging masterplan; a pilot will be developed with IGL to demonstrate a charging street, including payment and booking methods, e-charging in connection with parking meters, shared e-car companies and other target groups; and a demo of a charging point in a smart streetlight. A park and charge concept for electric bikes and cargo bikes will be developed and piloted in a shopping centre run by Turun Osuuskauppa (TOK) ahead of transfer to other TOK properties in Finland. Real-time sensor-based monitoring for inner-city logistics and heavy logistics parking will be piloted with Nodeon Oy and show e.g. parking space occupancy in the city's online parking and service maps. The results will be available on open-source platforms. Turku will coordinate thematic Activity 3.

990 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 6

LP/PP	Project Partner		
Partner Status	Active		
	Active from 22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Etelätär Innovation OÜ (22 / 250 characters)
Organisation in English	Etelätär Innovation (19 / 250 characters)
Department in original language	Headquarters (12 / 250 characters)
Department in English	Headquarters (12 / 250 characters)

Partner location and website:

Address	Pärnu Maantee 10 (16 / 250 characters)	**Country**	Estonia
Postal Code	Profia Arvestuse (16 / 250 characters)	**NUTS1 code**	Eesti
Town	Tallinn (7 / 250 characters)	**NUTS2 code**	Eesti
Website	etelatar.com (12 / 100 characters)	**NUTS3 code**	Põhja-Eesti

Partner ID:

Organisation ID type	Registration code (Registrikood)
Organisation ID	12897283
VAT Number Format	EE + 9 digits
VAT Number	**N/A** ☐ EE101823966 (11 / 50 characters)
PIC	912485306 (9 / 9 characters)

Partner type:

Legal status	b) Private	
Type of partner	Small and medium enterprise	Micro, small, medium enterprises < 250 employees, ≤ EUR 50 million turnover or ≤ EUR 43 million balance sheet total
Sector (NACE)	72.19 - Other research and experimental development on natural sciences and engineering	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities?	Partly
VAT explanation	Yes for expenses in Estonia No for expenses outside of Estonia (62 / 1,000 characters)

Financial data	**Reference period**	01/01/2016	–	31/12/2021
	Staff headcount [in annual work units (AWU)]			7.0
	Employees [in AWU]			0.0
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]			2.0
	Owner-managers [in AWU]			1.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]			4.0
	Annual turnover [in EUR]			404,000.00
	Annual balance sheet total [in EUR]			149,370.20
	Operating profit [in EUR]			153,171.00

Role of the partner organisation in this project:

Etelätär Innovation is a Tallinn-based SME, specialised in the deployment of next-gen, mobility solutions and manufacturing of circular ESS. It holds the chairmanship over the Smart Transportation Alliance (STA), a Brussels-based non-for-profit collaborative platform on transport and mobility infrastructure, which acts also as an award-winning communication & dissemination leader for EU-funded RIAs. With both of these backgrounds, the company will take care of the communication, dissemination and exploitation of the project with a special focus on cross-border replicability. Its goal is to inform both the general public as well as operators, manufacturers, cities and other stakeholders of the activities and results of the project and to engage all target groups in proactive collaboration & encourage participation during the project stage as well as replication of project activities following its' end.

915 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 7

LP/PP	Project Partner		
Partner Status	Active		
Active from	22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Turun ammattikorkeakoulu (24 / 250 characters)
Organisation in English	Turku University of Applied Sciences (37 / 250 characters)
Department in original language	Tekniikka ja Liiketoiminta (27 / 250 characters)
Department in English	Engineering & Business (22 / 250 characters)

Partner location and website:

Address	Joukahaisenkatu 3 (17 / 250 characters)	**Country**	Finland
Postal Code	20520 (5 / 250 characters)	**NUTS1 code**	Manner-Suomi
Town	Turku (5 / 250 characters)	**NUTS2 code**	Etelä-Suomi
Website	www.turkuamk.fi (15 / 100 characters)	**NUTS3 code**	Varsinais-Suomi

Partner ID:

Organisation ID type	Business Identity Code (Y-tunnus)
Organisation ID	2528160-3
VAT Number Format	FI + 8 digits
VAT Number	N/A ☐ FI25281603 (10 / 50 characters)
PIC	948193431 (9 / 9 characters)

Partner type:

Legal status	a) Public
Type of partner	Higher education and research instituti — University faculty, college, research institution, RTD facility, research cluster, etc.
Sector (NACE)	85.42 - Tertiary education

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? No

Role of the partner organisation in this project:

TUAS has carried out extensive project impact and process evaluation activities in e.g. H2020 funded CIVITAS ECCENTRIC, Interreg Europe project REDUCES, and in national ERDF funded mobility projects. TUAS will coordinate evaluation activities throughout the project, developing an evaluation plan that addresses process and impact evaluation of each WP, Activity and pilot solution. The approach will provide evidence of the effectiveness of solutions and assess the processes of planning and implementing solutions. The evaluation results together with peer review and target group feedback will indicate the potential impacts, barriers and drivers of solutions both on a general, thematic level and in the specific city contexts, thus allowing for improved scalability and policy integration (locally and EU-wide). TUAS will lead scientific communication of these results and work with WP Leaders to incorporate results into WP Deliverables and transfer actions.

964 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

State aid relevance

For the partner type selected, the Programme sees a medium to high risk for implementing State aid relevant activities. If the partner is of the opinion that its activities are not State aid relevant, it can ask the MA/JS for a plausibility check on the State aid relevance. Does the partner want to do this?

○ Yes ○ No

2.2 Project Partner Details - Partner 8

LP/PP	Project Partner		
Partner Status	Active		
Active from	22/09/2022	**Inactive from**	

Partner name:

Organisation in original language	Politechnika Gdańska (21 / 250 characters)
Organisation in English	Gdansk University of Technology (32 / 250 characters)

Department in original language	Wydział Inżynierii Lądowej i Środowiska (40 / 250 characters)
Department in English	Faculty of Civil and Environmental Engineering (47 / 250 characters)

Partner location and website:

Address	Gabriela Narutowicza 11/12 (26 / 250 characters)	**Country**	Poland
Postal Code	80-233 (7 / 250 characters)	**NUTS1 code**	Makroregion północny
Town	Gdańsk (6 / 250 characters)	**NUTS2 code**	Pomorskie
Website	pg.edu.pl (9 / 100 characters)	**NUTS3 code**	Gdański

Partner ID:

Organisation ID type	Tax identification number (NIP)
Organisation ID	5840203593
VAT Number Format	PL + 10 digits
VAT Number	**N/A** ☐ PL5840203593 (12 / 50 characters)
PIC	999588784 (9 / 9 characters)

Partner type:

Legal status	a) Public	
Type of partner	Higher education and research instituti	University faculty, college, research institution, RTD facility, research cluster, etc.
Sector (NACE)	85.42 - Tertiary education	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? Yes

Role of the partner organisation in this project:

GUT will work in partnership with the Municipality of Gdynia to implement project activities and evaluate pilot solutions in the city. GUT will also provide evaluation support to TUAS concerning the development of methods and indicators for project evaluation activities used at all sites. GUT brings previous experience with projects implemented in the various fields of urban mobility, as well as long-term cooperation with the Municipality of Gdynia, including successful work in e.g. (a) CIVITAS DYN@MO where the University was responsible for the development of the city transport model, involved in preparation of the SUMP as well as evaluation of all local partners; and (b) URBACT FreightTails project, where a contracted expert from the University advised the Municipality and supervised implementation of the first comprehensive loading bay scheme in Polish cities, which was introduced in the centre of Gdynia.

921 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

State aid relevance

For the partner type selected, the Programme sees a medium to high risk for implementing State aid relevant activities. If the partner is of the opinion that its activities are not State aid relevant, it can ask the MA/JS for a plausibility check on the State aid relevance. Does the partner want to do this?

○ Yes ○ No

2.2 Project Partner Details - Partner 9

LP/PP	Project Partner
Partner Status	Active
Active from	22/09/2022
Inactive from	

Partner name:

Organisation in original language	IGL Technologies Oy (19 / 250 characters)
Organisation in English	IGL-Technologies Ltd (20 / 250 characters)
Department in original language	Teknisen tuotekehityksen osasto (31 / 250 characters)
Department in English	Department of Technical product development (43 / 250 characters)

Partner location and website:

Address	Korkeakoulunkatu 7 (18 / 250 characters)	**Country**	Finland
Postal Code	33720 (5 / 250 characters)	**NUTS1 code**	Manner-Suomi
Town	Tampere (7 / 250 characters)	**NUTS2 code**	Länsi-Suomi
Website	igl.fi (6 / 100 characters)	**NUTS3 code**	Pirkanmaa

Partner ID:

Organisation ID type	Business Identity Code (Y-tunnus)
Organisation ID	2304284-4
VAT Number Format	FI + 8 digits
VAT Number	N/A ☐ FI23042844 (10 / 50 characters)
PIC	920617204 (9 / 9 characters)

Partner type:

Legal status	b) Private	
Type of partner	Small and medium enterprise	Micro, small, medium enterprises < 250 employees, ≤ EUR 50 million turnover or ≤ EUR 43 million balance sheet total
Sector (NACE)	62.01 - Computer programming activities	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? Yes

Financial data	**Reference period**	01/01/2021	–	31/12/2021
	Staff headcount [in annual work units (AWU)]			24.0
	Employees [in AWU]			13.0
	Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]			0.0
	Owner-managers [in AWU]			4.0
	Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]			7.0
	Annual turnover [in EUR]			2,500,000.00
	Annual balance sheet total [in EUR]			690,000.00
	Operating profit [in EUR]			120,000.00

Role of the partner organisation in this project:

IGL will work with the City of Turku to prepare and implement its "charging streets" pilot solution. IGL will plan the technical solution for charging points both regarding equipment and software. IGL install and operate the charging points, and energy delivery and accounting will be done through their systems. Charging points will be integrated into both parking terminals and potential applications. IGL will also be part of the evaluation and transfer processes, making sure solution has real world value for other companies and is suitable model for the future tendering for other charging streets.

605 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 10

LP/PP Project Partner

Partner Status Active

Active from 22/09/2022 **Inactive from**

Partner name:

Organisation in original language Nodeon Finland Oy

17 / 250 characters

Organisation in English Nodeon Finland

14 / 250 characters

Department in original language Päätoimisto

11 / 250 characters

Department in English Headquarters

12 / 250 characters

Partner location and website:

Address Piippukatu 11

13 / 250 characters

Country Finland

Postal Code	40100 (5 / 250 characters)	**NUTS1 code**	Manner-Suomi
Town	Jyväskylä (9 / 250 characters)	**NUTS2 code**	Länsi-Suomi
Website	www.nodeon.com/en/ (18 / 100 characters)	**NUTS3 code**	Keski-Suomi

Partner ID:

Organisation ID type	Business Identity Code (Y-tunnus)
Organisation ID	2538755-5
VAT Number Format	FI + 8 digits
VAT Number	N/A ☐ FI25387555 (10 / 50 characters)
PIC	905195950 (9 / 9 characters)

Partner type:

Legal status	b) Private	
Type of partner	Small and medium enterprise	Micro, small, medium enterprises < 250 employees, ≤ EUR 50 million turnover or ≤ EUR 43 million balance sheet total
Sector (NACE)	71.12 - Engineering activities and related technical consultancy	

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? Yes

Financial data

Reference period	01/01/2020 –	31/12/2020
Staff headcount [in annual work units (AWU)]		38.0
Employees [in AWU]		32.0
Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]		0.0
Owner-managers [in AWU]		0.0
Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]		6.0
Annual turnover [in EUR]		2,609,474.10
Annual balance sheet total [in EUR]		1,841,223.53
Operating profit [in EUR]		391,234.81

Role of the partner organisation in this project:

Nodeon Oy will work with the City of Turku to prepare, test and validate systems enabling the real-time monitoring of parking occupancy for logistics. Nodeon will be responsible for the actual Internet-of-Things (IoT)-sensor scheme and other necessary IoT-solutions. Nodeon will plan, acquire, and install the devices and prove data pipe to the hub application programming interface (API).

391 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ○ No

2.2 Project Partner Details - Partner 11

LP/PP Project Partner

Partner Status Active

Active from 22/09/2022 **Inactive from**

Partner name:

Organisation in original language Turun Osuuskauppa
17 / 250 characters

Organisation in English Turun Osuuskauppa
17 / 250 characters

Department in original language Pääkonttori
11 / 250 characters

Department in English Headquarters
12 / 250 characters

Partner location and website:

Address Sibeliuksenkatu 3
17 / 250 characters

Postal Code 20100
5 / 250 characters

Town Turku
5 / 250 characters

Website www.tok.fi
10 / 100 characters

Country Finland

NUTS1 code Manner-Suomi

NUTS2 code Etelä-Suomi

NUTS3 code Varsinais-Suomi

Partner ID:

Organisation ID type Business Identity Code (Y-tunnus)

Organisation ID 0142122-9

VAT Number Format FI + 8 digits

VAT Number N/A ☐ FI01421229
10 / 50 characters

PIC 886537030
9 / 9 characters

Partner type:

Legal status b) Private

Type of partner Large enterprise ≥ 250 employees

Sector (NACE) 47.19 - Other retail sale in non-specialised stores

Partner financial data:

Is your organisation entitled to recover VAT related to the EU funded project activities? Yes

Financial data

Reference period	01/01/2021 –	31/12/2021
Staff headcount [in annual work units (AWU)]		2,429.0
Employees [in AWU]		2,429.0
Persons working for the organisation being subordinated to it and considered to be employees under national law [in AWU]		0.0
Owner-managers [in AWU]		0.0
Partners engaged in a regular activity in the organisation and benefiting from financial advantages from the organisation [in AWU]		0.0
Annual turnover [in EUR]		664,929,075.00
Annual balance sheet total [in EUR]		320,257,557.00
Operating profit [in EUR]		7,583,899.00

Role of the partner organisation in this project:

City of Turku will prepare a charging and premium parking concept for electric bikes and electric cargo bikes. Turun Osuuskauppa's role will be to demonstrate the concept in their chosen location in a downtown shopping centre. The solution can be replicated and modified to TOK's other properties in the City of Turku and also elsewhere in Finland. The planning will also consider business models, payment methods and possible software development if needed.

458 / 1,000 characters

Has this organisation ever been a partner in the project(s) implemented in the Interreg Baltic Sea Region Programme?

○ Yes ◉ No

2.3 Associated Organisation Details - AO 1

Associated organisation name and type:

Organisation in original language
Union of Baltic Cities
22 / 250 characters

Organisation in English
Union of Baltic Cities
22 / 250 characters

Department in original language
Sustainable Cities Commission
29 / 250 characters

Department in English
Sustainable Cities Commission
29 / 250 characters

Legal status
a) Public

Type of associated organisation
NGO
Non-governmental organisations, such as Greenpeace, WWF, etc.

Associated organisation location and website:

Address
Baltic Sea House
Vanha Suurtori 7
33 / 250 characters

Country
Finland

Postal Code
20500
5 / 250 characters

Town
Turku
5 / 250 characters

Website
www.ubc-sustainable.net
23 / 100 characters

Role of the associated organisation in this project:

The UBC SCC will share project information and results through its communication channels. Where possible, UBC will facilitate cooperation between MoBal Zities and other projects or events to enable transfer or other synergies.
228 / 1,000 characters

3. Relevance

3.1 Context and challenge

Local and regional authorities in the Baltic Sea Region face a number of connected transport challenges:
- Climate protection requires urgent reduction of CO2 emissions
- Air quality must improve and run-off of particulates into the maritime environment must be reduced
- Transport must be affordable to support welfare, cohesion and business development
- Independence from imported energy is needed to reduce political and economic vulnerability
- Efficiency of transport is a key to reduce congestion, infrastructure costs and demands on space

Despite previous tests and demonstrations of innovative transport solutions, urgent progress is needed to achieve sustainable and zero emission mobility in the Baltic Sea Region. Key needs include:
- Integration of electric mobility into urban (mobility) planning. A systematic approach highlighting obstacles and identifying synergies within and between cities will help exploit the full potential of electric mobility
- Infrastructure planning and business models enabling seamless multimodal transport for both people and goods
- Reducing car dependency - unlocking potential of integrating both light (bikes, scooters, cargo-bikes) and heavy (buses, trucks) electric vehicles plus shared mobility into the urban transport system
- Balancing demands on limited street space with other needs, such as e-charging, innovative urban logistics, climate adaptation and for mobility services – calling for space-efficient mobility solutions
- more user-friendly and intuitive digital infrastructure to make multimodal trips easier and more competitive compared to individual car trips

MoBal Zities will address these challenges through structured cooperation between cities, research and the private sector. Five cities in five countries will cooperate to create synergy by enabling resource efficient planning for zero emission cities, integration of different modes into the urban transport system and accelerating digitalisation.

1,980 / 2,000 characters

3.2 Transnational value of the project

Transnational cooperation will enable the demonstration and validation of great ideas in the five MoBal Zities, then generate transnational value by facilitating the transfer of outstanding practice to other stakeholders across the Baltic Sea Region. The core challenge addressed by MoBal Zities – of achieving sustainable mobility and transport in zero emission cities – is a challenge of urgent relevance to communities across the region.

The partners of MoBal Zities represent five countries (DE, EE, FI, PL, SE). Each partner brings specialist knowledge and will plan, implement and transfer actions of shared interest and enable mutually beneficial exchange throughout the project, both within the consortium and towards other stakeholders in form of both a peer-review process among project partners and work shadowing placements including also external authorities. The five MoBal Zities have extensive experience and firm commitment to the project objectives. The five cities have, in previous projects, worked bilaterally, and have long held the ambition to work together as a group; each city has a unique profile with expertise and experiences that are complemented by the similarly unique characteristics of the other four cities.

There is thus enormous potential to learn, exchange, transfer experiences, and strengthen institutional capacities, both between the MoBal Zities and through targeted outreach to other stakeholders in all countries of the Baltic Sea Region. Particular efforts will be made to disseminate and transfer results and outcomes to stakeholders also in Denmark, Latvia, Lithuania and Norway, both through project communications and transfer activities and via channels such as the Associated Partner Union of Baltic Cities. Additionally, the partner cities are also active in further networks like Covenant of Mayors, Eurocities, POLIS, ICLEI and North Sea Commission– which will enhance the transnational cooperation within and beyond the Baltic Sea Region.

1,998 / 2,000 characters

3.3 Target groups

Target group	Sector and geographical coverage	Its role and needs
Local public authority	Local public authorities responsible for e.g. urban planning, mobility and transport, climate, environment, from BSR countries are the primary target group. Each MoBal Zities site will engage municipalities from their country and project actions will involve municipalities from other BSR countries. We will also share experiences and outcomes with EU/international local public authorities via the municipal networks MoBal Zities partners are involved in (UBC, C40, POLIS, ICLEI, Eurocities etc). 497 / 500 characters	MoBal Zities tackles the challenge of achieving sustainable mobility and transport in Baltic zero emission cities. Most local public authorities in the BSR are working to address this challenge and seek efficient, resilient and integrated solutions that ensure the achievement of local and national objectives, whilst also enabling cross-border harmonisation (in particular for digitalisation). However, many local public authorities face barriers in terms of limited knowledge, capacity, resources, and – perhaps most importantly – ideas. Local public authorities are thus the primary target group, as this group are key to ensuring transfer and uptake of MoBal Zities solutions across the BSR. Involving local public authorities in co-creation, piloting and transfer actions in WP1-2-3 will provide MoBal Zities with knowledge as to their needs, enabling MoBal Zities to improve implementation and increase the relevance of pilot solutions to deliver more informed, user-friendly transfer packages. 1,000 / 1,000 characters

Target group	Sector and geographical coverage	Its role and needs
Infrastructure and public service provid	Electricity grid operators and providers, public transport companies working in the MoBal Zities regions and countries, along with other BSR countries, are an important target group. MoBal Zities will engage with these groups to ensure preparation and implementation of piloting occurs in a seamless manner and maximises potential synergies with other activities undertaken by these target groups to enable sustainably mobility and transport in zero emission cities. 467 / 500 characters	These target groups play critical roles in the delivery and development of infrastructure and public services upon which e.g. electrification and digitalisation of transportation depend. The target groups are diverse and may have varying needs and competencies depending on local and national contexts. These groups not only need support to mobilise resources and to implement and evaluate pilots, but also to effectively integrate the enhanced offering into their existing services, then transfer and upscale effective solutions within their local, national and transnational context. Through its work process and pilot solutions, MoBal Zities will demonstrate a range of solutions and help these target groups develop their capacities and service offerings, thereby enabling continuous improvement and facilitating cross-border transfer of good practice, thus contributing to tackling the project's challenge and aims and the wider objectives of the EUSBSR. 959 / 1,000 characters
Small and medium enterprise	Small and medium enterprises are important target groups, as SMEs are often involved in and influence mobility and transport at the local level. Several SMEs are included in the project consortium, addressing sectors including property, retail, IT and technical services. Wider groups will be engaged in the development and implementation of pilot solutions (e.g. last-mile logistics as SMEs are often recipients of goods). Such input will also help transfer of solutions to SMEs in other locations. 499 / 500 characters	SMEs are a diverse target group with diverse needs that can be mobilised to tackle the project challenges in many ways. As a provider of products or services, SMEs may face barriers to market diffusion, particularly for innovative approaches that challenge the status quo. SMEs may receive or distribute services (e.g. as participants in a supply chain or end-users), making it is important to include them in the development and implementation of pilot solutions. SMEs can also adapt or adopt solutions through transfer and reduce the time-to-market of solutions. The project will provide opportunities for SMEs to meet their needs, including participation in the project partnership, contributing to the definition and development of solutions through needs assessment (e.g. through workshops and surveys); roles in implementation of solutions (including as end-users); provision of information such as transfer packages. This will help SMEs intensify their efforts to tackle the project challenge. 1,000 / 1,000 characters
Regional public authority	Regional public authorities work closely with local authorities on topics such as urban planning, mobility and transport and often have special responsibilities for services or infrastructure. Each MoBal Zities site will involve regional authorities to prepare solutions and transfer results in their region and share outcomes with other regions in their country and the BSR, thus ensuring wider impacts of the project. 420 / 500 characters	Regional public authorities face similar challenges to local public authorities, with a complex portfolio of tasks and responsibilities, along with barriers such as limited capacity, resources, knowledge and ideas. Many regional public authorities play a coordinating role and facilitate intra-regional exchanges or joint planning between local public authorities for e.g. infrastructure or service provision, and also play an important role in multi-level governance by articulating regional objectives to national authorities or the EU. Regional public authorities are thus important to engage and can help transfer of project outcomes at the inter-regional level and other levels. To achieve this, regional public authorities need opportunities to participate in project activities and share their perspectives on pilot solutions, along with information and tools – such as transfer packages – which enable them to apply solutions across their region and share them with other regions. 988 / 1,000 characters

3.4 Project objective

Your project objective should contribute to:

Smart green mobility

Involving the target groups in co-creation, piloting and transfer actions throughout WP1-2-3 will provide MoBal Zities partners with knowledge as to their needs, experiences, along with deeper understanding concerning barriers and opportunities that impede rapid action for smart green mobility and sustainable zero emission transport. This will enable MoBal Zities to improve implementation of pilot solutions and deliver a more informed, user-friendly transfer package which can in turn be implemented by local public authorities and other target groups. The transfer package (O2.4) includes thematic guides (D1-2.1-3) will be disseminated via relevant a wide range of local channels, e.g. Chambers of Commerce or branch organisations, and via international networks such as Smart Transportation Alliance, Union of Baltic Cities, POLIS and Eurocities. MoBal Zities will also provide a range of capacity-building opportunities for target groups including mentoring for take-up local public authorities, webinars, workshops, newsletters, as well as three WP summaries and the short thematic guides produced per Activity offering guidance on how to prepare, pilot, evaluate and transfer solutions. The WP and Activity guides will highlight the cross-border and cross-cutting topics of relevance to address when adapting or adopting solutions in different contexts, thereby contributing to increasing the knowledge and skills of take-up cities or other stakeholders across the BSR. In this way, by highlighting effective solutions and providing hands-on guidance and service to increase capacities and knowledge, MoBal Zities will make a direct contribution to accelerating the work of stakeholders across the BSR to achieve sustainable mobility and transport in zero emission cities and communities.

1,798 / 2,000 characters

3.5 Project's contribution to the EU Strategy for the Baltic Sea Region

Please indicate whether your project contributes to the implementation of the Action Plan of the EU Strategy for the Baltic Sea Region (EUSBSR).

(•) Yes ( ) No

Please select which Policy Area of the EUSBSR your project contributes to most.

PA Transport

Please list the action of this Policy Area that your project contributes to and explain how.

With its emphasis on resource-efficiency, integration of different modes and digitalisation, MoBal Zities will contribute to each Action of PA Transport and contribute to the achievement of a sustainable and efficient transport system in the BSR. MoBal Zities will contribute to Action 1 by supporting improvements to physical and functional access and the overall transport system in five urban nodes located on the three network corridors of the region (Baltic Adriatic, North Sea - Baltic, Scandinavian – Mediterranean). MoBal Zities makes a clear contribution to Action by demonstrating a range of measures aiming for climate-neutral and zero pollution passenger and freight transport. Similarly, MoBal Zities contribute to Action 3 by facilitating demonstration of innovative technologies and solutions in the five cities and by promoting transfer of project solutions across the BSR. Via a careful analysis of the barriers and drivers to sustainable mobility and transport, the project evaluation results will provide cities with improved capacity to tackle challenges related to resource-efficient planning, enabling integration of different modes and accelerating digitalization.

1,189 / 1,500 characters

If applicable, please describe which other Policy Areas of the EUSBSR your project contributes to and how.

By promoting electrification of transport, as well of dynamic and efficient use of energy in transport and flexible energy storage, MoBal Zities will contribute to Action 4 in PA Energy. The project will also make multiple contributions to Actions 2 & 3 in PA Innovation, through the demonstration of various digital solutions including IoT sensors, institutional capacity-building for digitalisation, and use of co-creation processes involving SMEs during the planning and implementation of pilot solutions.

510 / 1,500 characters

3.6 Other political and strategic background of the project

Strategic documents
MoBal Zities contributes to implementation of the EU Green Deal by demonstrating and transferring solutions to achieve rapid decarbonisation of mobility and transport systems and by contributing significant improvements to urban environment, contributing to decoupled economic growth whilst ensuring accessibility for all. MoBal Zities also contributes to related objectives e.g. the EU Mission: Climate-Neutral and Smart Cities (directly in project cities and through transfer of solutions). (493 / 500 characters)
MoBal Zities contributes to the implementation of the Sustainable and Smart Mobility Strategy and Action Plan by demonstrating green, resilient and digital solutions enabling zero emission urban mobility and transport. The project will pilot, evaluate and transfer solutions enabling e.g. electrification, integration of modes, greening of freight, which address key actions and will deliver more efficient transport at vital urban nodes, contributing to development of three TEN network corridors. (498 / 500 characters)
MoBal Zities contributes not only to achievement of local, regional, national and cross-border objectives within the BSR and wider EU, but also towards achievement of the global sustainable development goals. Notably, MoBal Zities directly contributes towards achievement of Agenda 2030 goals 9. Industry, Innovation and Infrastructure, 11. Sustainable Cities and Communities, and 13. Climate Action. Project results will be shared internationally and support action to achieve these goals. (490 / 500 characters)

3.7 Seed money support

Please indicate whether your project is based on a seed money project implemented in the Interreg Baltic Sea Region Programme 2014-2020.

○ Yes ◉ No

3.8 Other projects: use of results and planned cooperation

Full name of the project	Funding Source	Use of the project outcomes and/or planned cooperation
CIVITAS ECCENTRIC - Innovative solutions for sustainable mobility of people in suburban city districts and emission free freight logistics in urban centres (155 / 200 characters)	Horizon 2020 Topic MG-5.5a-2015 (31 / 200 characters)	Stockholm and Turku were demonstration sites in CIVITAS Eccentric and implemented pilot solutions addressing 23 topics. The cities aim to advance and transfer measures from Eccentric including e.g. application of Stockholm's charging streets concept in Turku, actions to increase numbers of charging points in private properties in Stockholm and Tallinn. CIVITAS Eccentric reports include important lessons from demonstration in five cities which also have relevance for the MoBal Zities team's work on pilot solutions addressing resource-efficient planning, multimodal approaches to integration of different transport modes, or digitalisation of services facilitating sustainable mobility and transport. (705 / 1,000 characters)

Full name of the project	Funding Source	Use of the project outcomes and/or planned cooperation
ULaaDS – Urban Logistics as an on-Demand Service 48 / 200 characters	EU: Horizon 2020 CiViTAS – Topic LC-MG-1-10-2019 48 / 200 characters	Bremen coordinates this ongoing project on innovative urban logistics solutions. The demonstration cities are Groningen (NL), Mechelen (BE) and Bremen (DE). Together with local logistics partners, research and business communities, various innovation are subject of trials, demonstration and research. Bremen will transfer knowledge from ULaaDS to MoBal Zities, as the three ULaaDS cities are forerunners in the development of Sustainable Urban Mobility Plans (SUMPs) and Sustainable Urban Logistics Plans (SULPs) and have demonstrated cargo bikes as part of the commercial logistic chain as well as for private micro-logistics. The networks Eurocities and ALICE (Alliance for Logistics Innovation through Cooperation in Europe) enable exchange and dissemination activities reaching local authorities and businesses across Europe, creating possibilities for synergies that extend the range of transfer and communication actions in MoBal Zities. 944 / 1,000 characters
USER-CHi - Innovative solutions for USER centric CHarging Infrastructure 72 / 200 characters	Horizon 2020 Topic LC-GV-03-2019 32 / 200 characters	Turku is a demonstration city in USER-CHi and as part of demonstrates a e-charging masterplan creation for the city. This plan creates the basis for and supports the demonstration planned in MoBal Zities. The pilots created in USER-Chi will add valuable insights to the MoBal Zities cities on future of charging integrations and roaming possibilities, as well as to the renewable energy and energy saving issues that can be connected with the charging infrastructure. Turku will share experiences from USER-CHi (and related projects such as SCALE-UP) with the other MoBal Zities participants as part of co-creation processes to develop and pilot solutions, and facilitate exchange and cooperation with the USER-CHi partners to ensure transfer and communication of MoBal Zities is achieved. 792 / 1,000 characters
GreenCharge 11 / 200 characters	Horizon 2020 Topic MG-4.2-2017 31 / 200 characters	GreenCharge prepared steps closer to achieving one of the dreams of modern cities: a zero emission transport system based on electric vehicles running on green energy, with traffic jams and parking problems becoming things of the past. GreenCharge tested all of these innovations in practical trials in Barcelona, Bremen and Oslo. Together, these trials cover a wide variety of factors: vehicle type (scooters, cars, bicycles), ownership model (private, shared individual use), charging locations (private residences, workplaces, public spaces, transport hubs), energy management (using solar power, load balancing at one charging station or within a neighbourhood, battery swapping), and charging support (booking, priority charging). Lessons from GreenCharge will be integrated into the Activities and pilot solutions of MoBal Zities. 836 / 1,000 characters

Full name of the project	Funding Source	Use of the project outcomes and/or planned cooperation
CIVITAS DYN@MO - DYNamic citizens @ctive for sustainable MObility 65 / 200 characters	FP7 Topic SST-2007-3.1-01 25 / 200 characters	Gdynia participated in CIVITAS DYN@MO to strengthen sustainable mobility by promoting non-polluting lifestyles, fostering social interaction and collaboration through new media, and implementing integrated innovative transport services for active citizens of all ages. Gdynia developed a Sustainable Urban Mobility Plan (SUMP) with the strong involvement of the local community and stakeholders, which has served as a model case for other cities in Poland. In MoBal Zities, Gdynia will build upon the experiences from the SUMP process to develop a Sustainable Urban Logistics Plan (SULP), microhub and electric fleet solutions. Lessons learned from projects such as DYN@MO and ELIPTIC will also help develop solutions in the other MoBal Zities. Gdynia and Gdansk University of Technology are partners in the Baltic Sea Region Competence Centre on SUMPs and will capitalise on the centre's knowledge, good examples and network by transferring information and fostering emission free cities. 989 / 1,000 characters

3.10 Horizontal principles

Horizontal principles	Projects's direct impact
Sustainable development	positive
Non-discrimination including accessibility	positive
Equality between men and women	positive

4. Management

Allocated budget 10%

4.1 Project management

☑ **Please confirm that the lead partner and all project partners will comply with the rules for the project management as described in the Programme Manual.**

If relevant, please indicate any other important aspects of the project management, e.g. external entity supporting the lead partner in the management of the project, advisory board, steering committee, any other relevant working groups, etc.

The City of Stockholm is lead partner and will appoint a project manager. The project manager will be supported by a coordination team including a project financial manager and work package leaders for WP1 & WP2. The partner Etelätär will lead WP3 and coordinate project communication and transfer actions, in partnership with the project manager. Each partner will participate in a working group and steering group. Within each WP, activities will facilitate thematic interaction between partners.

499 / 500 characters

4.2 Project financial management

☑ **Please confirm that the lead partner and all project partners will comply with the rules for the financial management and control as described in the Programme Manual.**

If relevant, please indicate any other important aspects of the financial management, e.g. external entity supporting the lead partner, positions planned for financial management, involvement of special financial experts (e.g. for public procurement), etc.

Stockholm will appoint a financial manager as main financial contact for the project. Each city will also designate local financial managers who will liaise with the project financial manager to fulfil all rules for financial management and control; these local financial managers will provide support to local partners as required and assist the project financial manager in securing all required information from all partners.

430 / 500 characters

4.3 Input to Programme communication

☑ **Please confirm that you are aware of the obligatory inputs to Programme communication that must be submitted along the pre-defined progress reports, as described in the Programme Manual.**

If relevant, please describe other important aspects of project communication that you plan to introduce, e.g. a communication plan, opening and closing events, social media channel(s) etc.

Project communication is a horizontal action that - like project and financial management - forms an important part of each WP and Activity. A communication and transfer plan will be prepared and the Project Manager, Etelätär and partners will work closely to ensure external and internal communications add value to project activities. Specific actions include capacity-building measures, such as internal peer review and external transfer workshops, opening and closing events, webinars, visits.

499 / 500 characters

4.4 Cooperation criteria

Please select the cooperation criteria that apply to your project. In your project you need to apply at least three cooperation criteria. Joint development and joint implementation are the obligatory ones you need to fulfill in your project.

Cooperation criteria	
Joint Development	☑
Joint Implementation	☑
Joint Staffing	☑
Joint Financing	☐

5. Work Plan

Number	Work Package Name
1	WP1 Preparing solutions

Number	Group of Activity Name
1.1	Preparing solutions that enable resource-efficient planning
1.2	Preparing solutions that enable integration of different modes
1.3	Preparing solutions that accelerate digitalisation
1.4	Developing shared approaches when planning for implementation

Number	Work Package Name
2	WP2 Piloting and evaluating solutions

Number	Group of Activity Name
2.1	Piloting and evaluating solutions that enable resource-efficient planning
2.2	Piloting and evaluating solutions that enable integration of different modes
2.3	Piloting and evaluating solutions that accelerate digitalisation
2.4	Implementing shared approaches to piloting and evaluating

Number	Work Package Name
3	WP3 Transferring solutions

Number	Group of Activity Name
3.1	Transferring solutions that enable resource-efficient planning
3.2	Transferring solutions that enable integration of different modes
3.3	Transferring solutions that accelerate digitalisation
3.4	Implementing shared approaches to transfer solutions enabling sustainable mobility and transport

Work plan overview

Period:	1	2	3	4	5	6	Leader
WP.1: WP1 Preparing solutions							**PP1**
A.1.1: Preparing solutions that enable resource-efficient planning D.1.1: Preparing solutions for resource-efficient planning in MoBal Zities		D					PP1
A.1.2: Preparing solutions that enable integration of different modes D.1.2: Preparing solutions that enable integration of different modes in MoBal Zities		D					PP2
A.1.3: Preparing solutions that accelerate digitalisation D.1.3: Preparing solutions that accelerate digitalisation in MoBal Zities		D					PP5
A.1.4: Developing shared approaches when planning for implementation D.1.4: Developing shared approaches when planning for implementation in MoBal Zities		D					PP1
WP.2: WP2 Piloting and evaluating solutions							**PP1**
A.2.1: Piloting and evaluating solutions that enable resource-efficient planning D.2.1: Piloting and evaluating solutions that enable resource-efficient planning in MoBal Zities					D		PP1
A.2.2: Piloting and evaluating solutions that enable integration of different modes D.2.2: Piloting and evaluating solutions that enable integration of different modes in MoBal Zities					D		PP2
A.2.3: Piloting and evaluating solutions that accelerate digitalisation D.2.3: Piloting and evaluating solutions that accelerate digitalisation in MoBal Zities					D		PP5
A.2.4: Implementing shared approaches to piloting and evaluating O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities					O		PP1
WP.3: WP3 Transferring solutions							**PP6**
A.3.1: Transferring solutions that enable resource-efficient planning D.3.1: Transferring solutions that enable resource-efficient planning in MoBal Zities						D	PP1
A.3.2: Transferring solutions that enable integration of different modes D.3.2: Transferring solutions that enable integration of different modes in MoBal Zities						D	PP2
A.3.3: Transferring solutions that accelerate digitalisation D.3.3: Transferring solutions that accelerate digitalisation in MoBal Zities						D	PP5
A.3.4: Implementing shared approaches to transfer solutions enabling sustainable mobility and transport O.3.4: Final report: updating transfer packages with lessons from transfer actions and durability plans						O	PP1

Outputs and deliverables overview

Code	Title	Description	Contribution to the output	Output/ deliverable contains an investment
D 1.1	Preparing solutions for resource-efficient planning in MoBal Zities	This short 8-10 page deliverable will present the experiences and lessons learnt in MoBal Zities when preparing solutions that enable resource-efficient planning for sustainable mobility and transport in zero emission cities. The aim is to provide a simple overview of Activity-themed preparation actions, including short descriptions of work done in each city and cross-border activities, in order to provide target groups with relevant information about the Activity theme and solutions. The deliverable will present the implementation plans (1 page per city) and inform continued work with Activity 1 in WPs 2-3, forming – together with D2.1 – a transfer pack enabling resource-efficient planning. The deliverable will form part of the Transfer Package O2.4.	O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities	
D 1.2	Preparing solutions that enable integration of different modes in MoBal Zities	This short 8-10 page deliverable will present the experiences and lessons learnt in MoBal Zities when preparing solutions that enable integration of different modes for sustainable mobility and transport in zero emission cities. The aim is to provide a simple overview of Activity-themed preparation actions, including short descriptions of work done in each city and cross-border activities, in order to provide target groups with relevant information about the Activity theme and solutions. The deliverable will present the implementation plans (1 page per city) and inform continued work with Activity 1 in WPs 2-3, forming – together with D2.2 – a transfer pack enabling integration of different modes in other locations. The deliverable will form part of the Transfer Package O2.4.	O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities	
D 1.3	Preparing solutions that accelerate digitalisation in MoBal Zities	This short 8-10 page deliverable will present the experiences and lessons learnt in MoBal Zities when preparing solutions that enable digitalisation for sustainable mobility and transport in zero emission cities. The aim is to provide a simple overview of Activity-themed preparation actions, including short descriptions of work done in each city and cross-border activities, in order to provide target groups with relevant information about the Activity theme and solutions. The deliverable will present the implementation plans (1 page per city) and inform continued work with Activity 1 in WPs 2-3, forming – together with D2.3 – a transfer pack enabling digitalisation which can be applied in other locations. The deliverable will form part of the Transfer Package O2.4.	O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities	
D 1.4	Developing shared approaches when planning for implementation in MoBal Zities	This deliverable consists of a short report presenting the main outcomes and lessons from WP1. The deliverable aims to provide insights into (a) how the cross-border work process was structured and capacity-building and co-creation actions were carried out during WP1, and (b) the impacts of WP1, in terms of e.g. evaluation results indicating the experiences of participants, and important common lessons from the preparation phase. This analysis of the overall process and impact of WP1 will provide important input to continued work on implementation, evaluation and transfer in WP2 and WP3, as well as to post-project durability planning. Moreover, there is clear transnational value to the report, as it will highlight challenges and opportunities encountered by the MoBal Zities team and identify solutions and recommendations which can be applied to enable cross-border actions in other locations. The report will be complemented by the related thematic deliverables produced by each Activity cluster in A1.1-3, as well as the one-page English summaries for the Implementation Plans developed within A1.1-3. The materials will be possible to disseminate individually or in a package, providing important insights into the work of MoBal Zities, the processes of cooperation and exchange applied, as well as guidance on how to prepare actions addressing the particular themes or specific solutions of the project. In this way, D1.4 and the package of deliverables created by WP1 will form useful and practical guides of value to communities across the Baltic Sea Region and beyond. The deliverable will form part of the Transfer Package O2.4.	O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities	
D 2.1	Piloting and evaluating solutions that enable resource-efficient planning in MoBal Zities	D2.1. will be a thematic “Transfer Guide” which will provide general information to stakeholders seeking to transfer solutions enabling resource-efficient planning for sustainable mobility and transport in zero emission cities. The Guide will describe how cross-border cooperation has helped the partners implement their pilot solutions, along with the main results and impacts. The Guide will include recommendations on how to transfer solutions, and include the individual one-page transfer plan summaries as annexes, enabling users to learn more about each solution and follow-up directly with individual experts for more information. D2.1 will be an important tool for the Transfer activities to be carried out in WP3. The deliverable will form part of the Transfer Package O2.4.	O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities	
D 2.2	Piloting and evaluating solutions that enable integration of different modes in MoBal Zities	D2.2. will be a thematic “Transfer Guide” which will provide general information to stakeholders seeking to transfer solutions enabling integration of different modes into zero emission multimodal transport systems. The Guide will describe how the cities have implemented and evaluated their pilot solutions, indicating key results and including recommendations on how to transfer solutions. The cross-border cooperation within A2.2 will provide guidance as to challenges and opportunities when transferring solutions between contexts. The one-page transfer plan summaries will be included as annexes, enabling users to learn more about each solution and follow-up directly with individual experts for more information. The deliverable will form part of the Transfer Package O2.4.	O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities	Yes

D 2.3	Piloting and evaluating solutions that accelerate digitalisation in MoBal Zities	D2.3. will be a thematic “Transfer Guide” which will provide general information to stakeholders seeking to transfer solutions enabling digitalisation for mobility and transport in zero emission cities. The Guide will describe how the cities have implemented and evaluated their pilot solutions, indicating key results and including recommendations on how to transfer solutions. The cross-border cooperation within A2.3 will provide guidance as to challenges and opportunities when transferring solutions between contexts. The one-page transfer plan summaries will be included as annexes, enabling users to learn more about each solution and follow-up directly with individual experts for more information. The deliverable will form part of the Transfer Package O2.4.	O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities	Yes
O 2.4	Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities	O2.4. marks the completion of WP1-2, in which three pilot actions will have been prepared, piloted and evaluated. In Activity 1, the cities of Gdynia, Stockholm and Tallinn will demonstrate measures that enable resource-efficient planning for sustainable mobility and transport and which benefit from co-creation and exchange with the other project partners. In Activity 2, the five participating cities will demonstrate measures that enable integration of different modes into sustainable multimodal transport systems; and in Activity 3, the cities of Stockholm and Turku, supported by the other partners in joint planning, will implement measures that accelerate digitalisation to enable zero emission mobility and transport. For each Activity and in each WP, short thematic deliverables will have presented the key lessons and results, including with the Implementation Plans for each of the cities’ measures (in D1.1-3) and Transfer Plans (in D2.1-3). Together with D1.4, which presents conclusions from WP1, these deliverables will form the O2.4 Transfer Package. The O2.4 Transfer Package will include a short report providing information on (a) how the cross-border work process was structured to ensure effective implementation and exchange, (b) the impacts of WP2, such as the main evaluation results, and (c) recommendations and lessons from the implementation phase. This report will be complemented by the thematic guides produced by each Activity along with the one-page implementation plans and transfer plan summaries mentioned above. Each deliverable produced in MoBal Zities will be possible to disseminate individually, but taken together comprise the O2.4 “Transfer Package” of solutions for sustainable mobility and transport in zero emission cities. This “Transfer Package” will offer an informative and comprehensive modular guide to the project’s methods, actions and accomplishments. The strong transnational value of this package will also be demonstrated in WP3, as O2.4. is used to enable the transfer of solutions within the project consortium and externally to other stakeholders. Lessons presented in O2.4 will also inform the development of durability plans in the five MoBal Zities, enabling each city to improve and accelerate its actions in the post-project period.		
D 3.1	Transferring solutions that enable resource-efficient planning in MoBal Zities	This deliverable will be a short (8-10 page) document compiling the key lessons and recommendations from WP3 Activity 1. The document will include information on the cities' durability planning for the implemented solutions, along with other important observations or results concerning solutions transfer, including e.g. guidance on how to select methods for transfer activities or similar advice. The deliverable will also include general thematic conclusions concerning Activity 1 as a cross-cutting challenge addressed by MoBal Zities, and any examples of transfer/replication plans developed by the five cities to adopt or adapt solutions demonstrated in the Activity 1 theme. The deliverable will form part of the Transfer Package O3.4.	O3.4. Final report: updating transfer packages with lessons from transfer actions & durability plans	
D 3.2	Transferring solutions that enable integration of different modes in MoBal Zities	Key lessons and recommendations from WP3 Activity 2 will be compiled in a short document, including information on the cities' durability planning for the implemented solutions, along with other important observations or results concerning solutions transfer, including e.g. guidance on how to select methods for transfer activities or similar advice. The deliverable will also include general thematic conclusions concerning Activity 2 as a cross-cutting challenge addressed by MoBal Zities, and any examples of transfer/replication plans developed by the five cities to adopt or adapt solutions demonstrated in the Activity 2 theme. The deliverable will form part of the Transfer Package O3.4.	O3.4. Final report: updating transfer packages with lessons from transfer actions & durability plans	
D 3.3	Transferring solutions that accelerate digitalisation in MoBal Zities	A short document will present key lessons and recommendations from WP3 Activity 3. This thematic guide will include outcomes and lessons from transfer activities along with information on the MoBal Zities durability planning (and any transfer plans) for pilot solutions demonstrated in A3.1-2. The deliverable will contain a summary of conclusions concerning the project’s work with digitalisation in Activity 3, thereby providing a useful tool to target groups specifically interested in this theme. The deliverable will form part of the Transfer Package O3.4.	O3.4. Final report: updating transfer packages with lessons from transfer actions & durability plans	

O 3.4	Final report: updating transfer packages with lessons from transfer actions and durability plans	The project activities of MoBal Zities will end with the completion of O3.4, with transfer of pilot solutions and measures ongoing or planned, and durability plans completed for each city. Nevertheless, the milestone of O3.4 will mean that MoBal Zities shifts into a new phase of post-project activity, as transfer continues and durability plans are implemented by the MoBal Zities, take-up cities, target groups and other stakeholders. To complete O3.4, the cities' durability plans and transfer plans, along with the thematic summaries from D3.1-3, will be compiled into a short yet coherent final report for the project. O3.4 will discuss how the MoBal Zities partners have worked together to operationalise transfer plans and enshrined their project work in durability plans. O3.4 will present an overview of project outcomes and results, along with recommendations on how cities can learn and follow the MoBal Zities in delivering solutions that enable resource-efficient planning, integration of different modes, and accelerate digitalisation to secure Sustainable Mobility and Transport in Baltic Zero Emission Cities. By doing so, O3.4 will provide context to the other WP3 deliverables and generate recommendations that are informative, practical and transferable and thereby of significant transnational value as other cities, communities, stakeholders and countries seek to accelerate climate action and achieve smart green mobility. Together with O2.4, O3.4 will present the legacy of MoBal Zities, and provide inspiration and guidance to ensure the durability of MoBal Zities solutions now and into a zero emission future.		

Work package 1

5.1 WP1 Preparing solutions

5.2 Aim of the work package

The aim of this work package is to prepare solutions to help address the identified challenge. You can either develop entirely new solutions or adapt existing solutions to the needs of your target groups. Prepare your solutions in a way that you can pilot them in Work Package 2. Consider how you involve your target groups in preparation of the solutions.
Organise your activities in up to five groups of activities to present the actions you plan to implement. Describe the deliverables and outputs as well as present the timeline.

5.3 Work package leader

Work package leader 1 PP 1 - City of Stockholm

Work package leader 2 Please select

5.4 Work package budget

Work package budget 25%

5.5 Target groups

	Target group	How do you plan to reach out to and engage the target group?
1	Local public authority Local public authorities responsible for e.g. urban planning, mobility and transport, climate, environment, from BSR countries are the primary target group. Each MoBal Zities site will engage municipalities from their country and project actions will involve municipalities from other BSR countries. We will also share experiences and outcomes with EU/international local public authorities via the municipal networks MoBal Zities partners are involved in (UBC, C40, POLIS, ICLEI, Eurocities etc). 497 / 500 characters	The project will employ a mixed approach to reach out and engage with local public authorities across the BSR. The project team will make direct contact with other municipalities in their regions and countries and invite them to participate in relevant project activities in WP1; for example, a group of active and engaged take-up cities will be formed and asked to contribute to co-creation and peer review processes. Wider groups of municipalities will begin to receive information through project communications, which will be distributed via disseminators such as Smart Transportation Alliance, Union of Baltic Cities, along with national and international municipal networks such as Sweden's Climate Municipalities or Eurocities. The MoBal Zities will also identify and contact related projects both within the BSR and the EU, including other ERDF projects, Horizon Europe-funded actions, etc. This mixed approach will ensure active and passive engagement of the target group in WP1 and onwards. 1,000 / 1,000 characters
2	Infrastructure and public service provider Electricity grid operators and providers, public transport companies working in the MoBal Zities regions and countries, along with other BSR countries, are an important target group. MoBal Zities will engage with these groups to ensure preparation and implementation of piloting occurs in a seamless manner and maximises potential synergies with other activities undertaken by these target groups to enable sustainably mobility and transport in zero emission cities. 467 / 500 characters	This target group will be directly engaged by local project participants to prepare local solutions. For example, the partners will engage stakeholders such as grid operators, public transport companies, mobility service providers, property owners and housing companies to develop pilots. The target group will have opportunities to shape pilots through participation in workshops, surveys or meetings. The stakeholder group will be consulted to identify existing bottlenecks and ensure an enabling and effective integration of the project pilot solutions into existing offerings. Relevant local networks, national branch organisations and similar networks will be identified and informed about MoBal Zities. 709 / 1,000 characters
3	Small and medium enterprise Small and medium enterprises are important target groups, as SMEs are often involved in and influence mobility and transport at the local level. Several SMEs are included in the project consortium, addressing sectors including property, retail, IT and technical services. Wider groups will be engaged in the development and implementation of pilot solutions (e.g. last-mile logistics as SMEs are often recipients of goods). Such input will also help transfer of solutions to SMEs in other locations. 499 / 500 characters	SMEs will also be directly engaged in each city by local partners and have the opportunity to join and contribute to preparatory activities with their expertise, ideas and information about their needs. As part of the project communication plan, Etelätär will develop specific methods or concepts for each city to use when communicating with SMEs about MoBal Zities and also ensure innovative and interactive ways to engage them during both the piloting and transferability stages of the project to enable them to learn directly from project activities and apply them to their own fields of expertise (shortened time-to-market transfer). During WP1, relevant information channels for SMEs will be idenfied to facilitate dissemination and transfer during WP2-3. 761 / 1,000 characters
4	Regional public authority Regional public authorities work closely with local authorities on topics such as urban planning, mobility and transport and often have special responsibilities for services or infrastructure. Each MoBal Zities site will involve regional authorities to prepare solutions and transfer results in their region and share outcomes with other regions in their country and the BSR, thus ensuring wider impacts of the project. 420 / 500 characters	In WP1, regional public authorities will be engaged in largely the same way as local public authorities, with particular attention given to regional authorities in the immediate vicinity of the five MoBal Zities sites. Discussions with these regional public authorities will inform planning for continued engagement of and specific actions required for regional public authorities in WP2-3. The early engagement of regional public authorities also ensures the considerations of surrounding municipalities and inter-operability requirements of the pilot designs. 561 / 1,000 characters

5.6 Activities, deliverables, outputs and timeline

No.	Name
1.1	**Preparing solutions that enable resource-efficient planning**
1.2	**Preparing solutions that enable integration of different modes**
1.3	**Preparing solutions that accelerate digitalisation**
1.4	**Developing shared approaches when planning for implementation**

WP 1 Group of activities 1.1

5.6.1 Group of activities leader

Group of activities leader PP 1 - City of Stockholm

A 1.1

5.6.2 Title of the group of activities

Preparing solutions that enable resource-efficient planning

60 / 100 characters

5.6.3 Description of the group of activities

WP1 will develop and prepare the solutions for implementation in WP2 and transfer in WP3. To structure the work, solutions will be clustered into three groups of activity (A1.1-A1.3), with a fourth activity addressing cross-cutting issues and coordination (A1.4). Activities A1.1-A1.3 will involve all city partners plus TUAS, Etelätär and other partners as required. The main objective of each activity is to enable and cultivate co-learning, capacity-building and to effectively prepare solutions for implementation.

A1.1. addresses the challenge of preparing solutions that enable resource-efficient planning for sustainable mobility and transport in zero emission cities. This is an important theme to address, as most cities struggle to balance their myriad daily responsibilities with urgent and complex challenges such as climate change. Enabling resource-efficient planning is a pre-requisite for success, yet depends on multiple factors including institutional capacity and knowledge, as well as financial or personnel resources. The MoBal Zities have identified several solutions that will enable resource-efficient planning and in A1.1. will prepare implementation plans for the solutions. The solutions are:
- Gdynia, planning for the introduction of electric vehicles to city services; the development of a low emission zone in the touristic area; and the development of a Sustainable Urban Logistics Plan;
- Stockholm, activities to increase access to off-street charging infrastructure, including implementation of guidelines for city owned parking; demonstration of storage battery and charging equipment in a residential building where power supply is limited; analysis of off-street charging patterns in residential parking using anonymous data from charging operators; and updating and extending an information campaign for property and parking owners.
- Tallinn, prepare a process and implement guidelines to install urban charging infrastructure in private properties.

Joint planning will include peer review between project partners and development of communication actions and evaluation indicators for each solution (see A1.4). The partners not preparing solutions in A1.1. will add transnational value by sharing their experiences from previous project, such as SUNRISE or ULAADS, as well as their ongoing work in A1.2-3. Preparation will also involve local actions to involve target groups in development of the measures, including e.g. workshops, interviews and surveys. Results from these target group engagement actions will be integrated into deliverables for each solution (implementation plans enabling the pilots to be carried out in WP2).

2,682 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ✔

D 1.1

Title of the deliverable

Preparing solutions for resource-efficient planning in MoBal Zities

67 / 100 characters

Description of the deliverable

This short 8-10 page deliverable will present the experiences and lessons learnt in MoBal Zities when preparing solutions that enable resource-efficient planning for sustainable mobility and transport in zero emission cities. The aim is to provide a simple overview of Activity-themed preparation actions, including short descriptions of work done in each city and cross-border activities, in order to provide target groups with relevant information about the Activity theme and solutions. The deliverable will present the implementation plans (1 page per city) and inform continued work with Activity 1 in WPs 2-3, forming – together with D2.1 – a transfer pack enabling resource-efficient planning. The deliverable will form part of the Transfer Package O2.4.

762 / 2,000 characters

Which output does this deliverable contribute to?

O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities

89 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.1: WP1 Preparing solutions						
A.1.1: Preparing solutions that enable resource-efficient planning						
D.1.1: Preparing solutions for resource-efficient planning in MoBal Zities						

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

WP 1 Group of activities 1.2

5.6.1 Group of activities leader

Group of activities leader PP 2 - Free Hanseatic City of Bremen

A 1.2

5.6.2 Title of the group of activities

Preparing solutions that enable integration of different modes

62 / 100 characters

5.6.3 Description of the group of activities

WP1 will develop and prepare the solutions for implementation in WP2 and transfer in WP3. To structure the work, solutions will be clustered into three groups of activity (A1.1-A1.3), with a fourth activity addressing cross-cutting issues and coordination (A1.4). Activities A1.1-A1.3 will involve all city partners plus TUAS, Etelätär and other partners as required. The main objective of each activity is to enable and cultivate co-learning, capacity-building and to effectively prepare solutions for implementation.

A1.2. addresses the challenge of preparing solutions that enable integration of different modes into zero emission multimodal transport systems. This is an urgent challenge for cities, one complicated by e.g. divergent and complex models of governance, the rapid emergence of new techniques and systems, and the question of behavioural change. To enable integration of different modes, cities need to demonstrate and validate solutions and acquire knowledge and data on how best to integrate and upscale solutions into wider mobility and transport systems. To achieve this, in A1.2 the MoBal Zities will prepare the following solutions:

- Bremen, planning for extension of zero emission multimodal hubs concept;
- Gdynia, development of an electric vehicle microhub in the city centre;
- Stockholm, capacity-building to enable use of electric heavy machinery including evaluation of demonstration projects;
- Tallinn, planning for zero emission logistics in a car-free city centre; planning the transition to battery-driven trolley buses;
- Turku, planning a campaign to promote mobility management measures for companies and property owners; and a park and charge concept for electric bikes and cargo bikes to be piloted in a shopping centre run by Turun Osuuskauppa (TOK) and transferable to other TOK properties in Finland.

Joint planning will include peer review between project partners and development of communication actions and evaluation indicators for each solution (see A1.4). All partner cities will be engaged in A1.2 and thus share their experiences work in A1.1 & A1.3 as well as previous projects, e.g. ULAADS, ASAP, HALLO and other related work. Preparation will also involve local actions to involve target groups in development of the measures, including e.g. workshops, interviews and surveys. Results from these target group engagement actions will be integrated into deliverables for each solution (implementation plans enabling the pilots to be carried out in WP2).

2,517 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ✔

D 1.2

Title of the deliverable

Preparing solutions that enable integration of different modes in MoBal Zities

78 / 100 characters

Description of the deliverable

This short 8-10 page deliverable will present the experiences and lessons learnt in MoBal Zities when preparing solutions that enable integration of different modes for sustainable mobility and transport in zero emission cities.

The aim is to provide a simple overview of Activity-themed preparation actions, including short descriptions of work done in each city and cross-border activities, in order to provide target groups with relevant information about the Activity theme and solutions. The deliverable will present the implementation plans (1 page per city) and inform continued work with Activity 1 in WPs 2-3, forming – together with D2.2 – a transfer pack enabling integration of different modes in other locations. The deliverable will form part of the Transfer Package O2.4.

789 / 2,000 characters

Which output does this deliverable contribute to?

O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities

89 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.1: WP1 Preparing solutions						
A.1.2: Preparing solutions that enable integration of different modes						
D.1.2: Preparing solutions that enable integration of different modes in MoBal Zities						

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

WP 1 Group of activities 1.3

5.6.1 Group of activities leader

Group of activities leader PP 5 - City of Turku

A 1.3

5.6.2 Title of the group of activities

Preparing solutions that accelerate digitalisation

50 / 100 characters

5.6.3 Description of the group of activities

WP1 will develop and prepare the solutions for implementation in WP2 and transfer in WP3. To structure the work, solutions will be clustered into three groups of activity (A1.1-A1.3), with a fourth activity addressing cross-cutting issues and coordination (A1.4). Activities A1.1-A1.3 will involve all city partners plus TUAS, Etelätär and other partners as required. The main objective of each activity is to enable and cultivate co-learning, capacity-building and to effectively prepare solutions for implementation.

A1.3. addresses the challenge of preparing solutions that enable digitalisation. A wide range of objectives can be addressed using digitalisation, such as tools that inform and support planning processes, or contribute to service development or end-use. The vast range of possibilities means it is important for cities to test and validate proposed solutions before investing resources in them; capacity and knowledge are vital tools for cities when commissioning or applying digital solutions. The MoBal Zities team have identified several solutions which will be prepared in A1.3. These are:
- Stockholm, solutions to increase on-street charging, including demonstration of new booking and payment systems for on-street charging and parking; capacity-building through improved data collection; and demonstration of vehicle charging through the city's streetlight network at no fewer than 10 locations.
- Turku, planning for charging streets with smart poles and payment system; facilitating use of real-time logistics data in parking management.

These solutions will be prepared in A1.3, with the other cities sharing relevant experiences from other projects such as USER-CHi and providing input from A1.2-3. We expect significant interaction between the three activities on the topic of digitalisation, as digital solutions increasingly play a role in the implementation of most tasks. Similarly, the findings of A1.3 are likely to have significant transnational value. Joint planning will include peer review between project partners and development of communication actions and evaluation indicators for each solution (see A1.4). Preparation will also involve local actions to involve target groups in development of the measures, including e.g. workshops, interviews and surveys. Results from these target group engagement actions will be integrated into deliverables for each solution (implementation plans enabling the pilots to be carried out in WP2).

2,488 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ✔

D 1.3

Title of the deliverable

Preparing solutions that accelerate digitalisation in MoBal Zities

66 / 100 characters

Description of the deliverable

This short 8-10 page deliverable will present the experiences and lessons learnt in MoBal Zities when preparing solutions that enable digitalisation for sustainable mobility and transport in zero emission cities.

The aim is to provide a simple overview of Activity-themed preparation actions, including short descriptions of work done in each city and cross-border activities, in order to provide target groups with relevant information about the Activity theme and solutions. The deliverable will present the implementation plans (1 page per city) and inform continued work with Activity 1 in WPs 2-3, forming – together with D2.3 – a transfer pack enabling digitalisation which can be applied in other locations. The deliverable will form part of the Transfer Package O2.4.

778 / 2,000 characters

Which output does this deliverable contribute to?

O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities

89 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.1: WP1 Preparing solutions						
A.1.3: Preparing solutions that accelerate digitalisation						
D.1.3: Preparing solutions that accelerate digitalisation in MoBal Zities						

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

WP 1 Group of activities 1.4

5.6.1 Group of activities leader

Group of activities leader PP 1 - City of Stockholm

A 1.4

5.6.2 Title of the group of activities

Developing shared approaches when planning for implementation

62 / 100 characters

5.6.3 Description of the group of activities

A1.4 will coordinate WP1 and address cross-cutting themes in A1.1-3, as many topics are linked. The overall objective of WP1 is to develop and prepare the solutions for implementation in WP2 and transfer in WP3. WP1 will adapt or adopt measures which can accelerate the transition to zero emission cities in the Baltic Sea Region and which will be durable. To structure the work, solutions are clustered in A1.1-3 (and presented above).

A1.4. will coordinate WP1 through direct project management, financial management, communications management and evaluation planning. The project management group and steering group will be established, along with an online project management portal. A kick-off meeting will be held and include a workshop to facilitate intra- and inter-activity planning and exchange on topics of common interest, such as methods for target group engagement. Three WP conference calls will be held during year 1. A communications and transfer plan will be developed, including a visual identity kit addressing programme requirements (including e.g. the project logo) and plan for specific communication actions, e.g. contributions to the dedicated project subpage, one video per city and year, attendance at events, etc. The project subpage will be filled with engaging content and the project will produce a newsletter (2 per year).

During WP1, capacity-building will include establishment of a “peer review community” to facilitate co-planning within the project, proposing actions such as self-assessment reporting, desk reviews, and webinars. Each solution in A1.1-3 will be peer reviewed by at least two representatives of other cities with relevant expertise or needs. Each city will have the opportunity to send max. 2 staff members on a study visit (for policy officers) or work shadowing visit (for technical officers) to another, in order to gain valuable insights about specific topics or challenges related to the preparation of their own solution.

A1.4. will also establish a common evaluation framework for the project and local evaluation plans for the partner cities. The approach will include both the definition of project-level indicators (already defined in the application), selection of pilot-specific impact indicators and planning for theme-specific process evaluation. A1.4. will also evaluate – through survey and interviews – the experiences of participants in 1A1-1A3, identify lessons and make recommendations for continued work in WP2-WP3. These commons lessons for WP1 will be presented in a short deliverable.

WP1 will run during Month 1-12 with the majority of tasks for A1.1-A1.4 to be implemented during Months 3-9. By the end of Month 9, the main preparatory actions should be complete and months 9-12 should be used to address any outstanding issues, complete Implementation Plans, and finalise the WP Deliverables.

2,881 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ✔

D 1.4

Title of the deliverable

Developing shared approaches when planning for implementation in MoBal Zities

77 / 100 characters

Description of the deliverable

This deliverable consists of a short report presenting the main outcomes and lessons from WP1. The deliverable aims to provide insights into (a) how the cross-border work process was structured and capacity-building and co-creation actions were carried out during WP1, and (b) the impacts of WP1, in terms of e.g. evaluation results indicating the experiences of participants, and important common lessons from the preparation phase.

This analysis of the overall process and impact of WP1 will provide important input to continued work on implementation, evaluation and transfer in WP2 and WP3, as well as to post-project durability planning. Moreover, there is clear transnational value to the report, as it will highlight challenges and opportunities encountered by the MoBal Zities team and identify solutions and recommendations which can be applied to enable cross-border actions in other locations.

The report will be complemented by the related thematic deliverables produced by each Activity cluster in A1.1-3, as well as the one-page English summaries for the Implementation Plans developed within A1.1-3. The materials will be possible to disseminate individually or in a package, providing important insights into the work of MoBal Zities, the processes of cooperation and exchange applied, as well as guidance on how to prepare actions addressing the particular themes or specific solutions of the project. In this way, D1.4 and the package of deliverables created by WP1 will form useful and practical guides of value to communities across the Baltic Sea Region and beyond. The deliverable will form part of the Transfer Package O2.4.

1,653 / 2,000 characters

Which output does this deliverable contribute to?

O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities

89 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.1: WP1 Preparing solutions						
A.1.4: Developing shared approaches when planning for implementation						
D.1.4: Developing shared approaches when planning for implementation in MoBal Zities						

5.6.7 This deliverable/output contains productive or infrastructure investment

☐

Work package 2

5.1 WP2 Piloting and evaluating solutions

5.2 Aim of the work package

The aim of this work package is to pilot, evaluate and adjust solutions. Plan one or several pilots to validate the usefulness of the solutions prepared in Work Package 1. Start Work Package 2 early enough to have time to pilot, evaluate and adjust solutions, together with your target groups. By the end of this work package implementation the solutions should be ready to be transferred to your target groups in Work Package 3.
The piloted and adjusted solution should be presented in one project output.
Organise your activities in up to five groups of activities. Describe the deliverables and outputs as well as present the timeline.

5.3 Work package leader

Work package leader 1 PP 1 - City of Stockholm

Work package leader 2 PP 7 - Turku University of Applied Sciences

5.4 Work package budget

Work package budget 35%

5.4.1 Number of pilots

Number of pilots 3

5.5 Target groups

	Target group	How do you plan to reach out to and engage the target group?
1	Local public authority Local public authorities responsible for e.g. urban planning, mobility and transport, climate, environment, from BSR countries are the primary target group. Each MoBal Zities site will engage municipalities from their country and project actions will involve municipalities from other BSR countries. We will also share experiences and outcomes with EU/international local public authorities via the municipal networks MoBal Zities partners are involved in (UBC, C40, POLIS, ICLEI, Eurocities etc). 497 / 500 characters	The approach will continue from WP1, with direct engagement of other local public authorities through implementation workshops, the take-up cities group, and dissemination of information via webinars, events, newsletters, web info and other channels. Both national and international municipal networks will be used to disseminate information and MoBal Zities will collaborate with other projects to ensure mutually-supportive dissemination of experiences and results that enhances learning and transfer possibilities for the target group irrespective of location. O2.4. and WP2 deliverables will present valuable information on how to implement MoBal Zities activities and solutions in different formats, enabling dissemination of results in various forms directly to end users to enable transfer of MoBal Zities solutions in other municipalities. 848 / 1,000 characters
2	Infrastructure and public service provider Electricity grid operators and providers, public transport companies working in the MoBal Zities regions and countries, along with other BSR countries, are an important target group. MoBal Zities will engage with these groups to ensure preparation and implementation of piloting occurs in a seamless manner and maximises potential synergies with other activities undertaken by these target groups to enable sustainably mobility and transport in zero emission cities. 467 / 500 characters	As in WP1, this target group will be directly engaged, mainly in specific local contexts and with regard to specific solutions; however, as piloting and evaluation proceeds and outcomes become more tangible, wider groups will be engaged to share and transfer results. Actors in the target group will also be asked to identify peers who may join project capacity-building actions or receive information about the project, along with networks who can share transfer guides directly with potential end-users. 506 / 1,000 characters
3	Small and medium enterprise Small and medium enterprises are important target groups, as SMEs are often involved in and influence mobility and transport at the local level. Several SMEs are included in the project consortium, addressing sectors including property, retail, IT and technical services. Wider groups will be engaged in the development and implementation of pilot solutions (e.g. last-mile logistics as SMEs are often recipients of goods). Such input will also help transfer of solutions to SMEs in other locations. 499 / 500 characters	SMEs engaged in WP1 be able to participate in co-creation and capacity-building activities as part of their local site's piloting and evaluation; their input is expected to be of high value and provide important insights for project implementation, evaluation and transfer. The communications plan developed by Etelätär will be applied and ensure Mobal Zities partners are able to identify, engage and interact with wider groups of SMEs as the project progresses, successfully transferring practices and information directly through local events or using other media, or indirectly through relevant networks such as local business or trade associations, national platforms for SMEs, etc. 688 / 1,000 characters
4	Regional public authority Regional public authorities work closely with local authorities on topics such as urban planning, mobility and transport and often have special responsibilities for services or infrastructure. Each MoBal Zities site will involve regional authorities to prepare solutions and transfer results in their region and share outcomes with other regions in their country and the BSR, thus ensuring wider impacts of the project. 420 / 500 characters	As with local public authorities, the process of engaging and involving regional public authorities started in WP1 and will continue throughout the project. In WP2, the MoBal Zities partners aim to deepen this interaction at each site through regular involvement of regional authorities in piloting and evaluation, in order to maximise the potential for regional transfer and upscaling. MoBal Zities will also provide these regional authorities, and others across the BSR, with opportunities to participate in or learn from the project through implementation of the project communication plan and organisation of webinars, workshops etc. promoting transfer of MoBal Zities outcomes. 683 / 1,000 characters

5.6 Activities, deliverables, outputs and timeline

No.	Name
2.1	**Piloting and evaluating solutions that enable resource-efficient planning**
2.2	**Piloting and evaluating solutions that enable integration of different modes**
2.3	**Piloting and evaluating solutions that accelerate digitalisation**
2.4	**Implementing shared approaches to piloting and evaluating**

WP 2 Group of activities 2.1

5.6.1 Group of activities leader

Group of activities leader PP 1 - City of Stockholm

A 2.1

5.6.2 Title of the group of activities

Piloting and evaluating solutions that enable resource-efficient planning

73 / 100 characters

5.6.3 Description of the group of activities

In WP2 the partners will implement, evaluate and adapt their solutions, aiming for effective demonstration and continual improvement, thereby paving the way for transfer in WP3 and durable post-project performance. The WP and Activity structure follows the same form as in WP1, with each cluster of solutions moving from preparation to Piloting and evaluating in A2.1-3) and A2.4 providing coordination and cross-cutting support. A2.1-3 will involve all city partners plus TUAS, Etelätär and other partners as required. The main objective of each activity is to enable and cultivate co-learning and capacity-building that supports effective piloting and evaluation of solutions. This will result in a "Transfer Package" (OUT2.4) that can be disseminated to cities and stakeholders to enable rapid uptake of MoBal Zities solutions in other contexts.

A2.1. addresses the challenge of piloting and evaluating solutions that enable resource-efficient planning for sustainable mobility and transport in zero emission cities. In A1.1, the cities prepared implementation plans for their solutions, which will now be piloted and evaluated. Specifically, this means:
- Gdynia will introduce electric vehicles to the municipal fleet and significant services; Gdynia will develop and implement a zero emission plan for the city centre and assess its impact; Gdynia will elaborate a SULP supplementing its SUMP.
- Stockholm will implement guidelines for city-owned parking and evaluate experiences and results; Stockholm will conduct a demonstration of off-grid battery and charging equipment in a residential building; Stockholm will gather data from charging operators and evaluate off-street charging patterns; and Stockholm will conduct an information campaign aimed at property and parking owners. The cumulative output of these solutions will be an increase in the number of smart and flexible charging solutions together with analysis and evaluation data supporting transfer to other locations.
- Tallinn will implement guidelines for the installation of charging infrastructure in private properties and organise an information campaign to inform property owners about how to proceed.

The peer review process will continue with each pilot receiving input from at least two other cities. Evaluation activities will qualitatively assess outcomes of peer review whilst also using KPIs developed in WP1 to analyse specific impacts of the different solutions. Communication efforts will intensify, both within the activity and WP, but also in each local and national context and outwards towards stakeholders in other parts of the Baltic Sea Region. Actions will include a thematic webinar for the Activity and involvement of follower cities in discussions, thereby informing the development of transfer plans. For each solution, a transfer plan will be developed (including a one-page English summary for the project). These transfer plans will inform development of the Transfer Guide D2.1.

2,989 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ☑

D 2.1

Title of the deliverable

Piloting and evaluating solutions that enable resource-efficient planning in MoBal Zities

89 / 100 characters

Description of the deliverable

D2.1. will be a thematic "Transfer Guide" which will provide general information to stakeholders seeking to transfer solutions enabling resource-efficient planning for sustainable mobility and transport in zero emission cities. The Guide will describe how cross-border cooperation has helped the partners implement their pilot solutions, along with the main results and impacts. The Guide will include recommendations on how to transfer solutions, and include the individual one-page transfer plan summaries as annexes, enabling users to learn more about each solution and follow-up directly with individual experts for more information. D2.1 will be an important tool for the Transfer activities to be carried out in WP3. The deliverable will form part of the Transfer Package O2.4.

784 / 2,000 characters

Which output does this deliverable contribute to?

O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities

89 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.2: WP2 Piloting and evaluating solutions						
A.2.1: Piloting and evaluating solutions that enable resource-efficient planning						
D.2.1: Piloting and evaluating solutions that enable resource-efficient planning in MoBal Zities						

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

WP 2 Group of activities 2.2

5.6.1 Group of activities leader

Group of activities leader PP 2 - Free Hanseatic City of Bremen

A 2.2

5.6.2 Title of the group of activities

Piloting and evaluating solutions that enable integration of different modes

76 / 100 characters

5.6.3 Description of the group of activities

In WP2 the partners will implement, evaluate and adapt their solutions, aiming for effective demonstration and continual improvement, thereby paving the way for transfer in WP3 and durable post-project performance. The WP and Activity structure follows the same form as in WP1, with each cluster of solutions moving from preparation to Piloting and evaluating in A2.1-3) and A2.4 providing coordination and cross-cutting support. A2.1-3 will involve all city partners plus TUAS, Etelätär and other partners as required. The main objective of each activity is to enable and cultivate co-learning and capacity-building that supports effective piloting and evaluation of solutions. This will result in a "Transfer Package" (OUT2.4) that can be disseminated to cities and stakeholders to enable rapid uptake of MoBal Zities solutions in other contexts.

A2.2. addresses the challenge of piloting and evaluating solutions that enable integration of different modes into zero emission multimodal transport systems. In A1.2, the cities prepared implementation plans for their solutions, which will now be piloted and evaluated.

Specifically, this means:
- Bremen will apply its zero emission multimodal hubs concept through demonstration and extensive citizen engagement activities;
- Gdynia will elaborate a business model and concept for a multimodal microhub, engage Transport, Shipping & Logistics (TSL) sector to launch a pilot and evaluate the results;
- Stockholm will monitor and evaluate demonstrations of electric heavy machinery in construction projects, in order to produce guidance on how to adopt and adapt this work;
- Tallinn will implement a pilot for zero emission logistics and launch its plan to introduce battery-driven trolley buses;
- Turku will conduct and evaluate a mobility management campaign aimed at companies and property owners; and Turku will apply its park and charge concept for electric bikes and cargo bikes through a pilot in a TOK shopping centre.

All cities will carry out pilots, meaning there will be extensive opportunities for detailed exchange throughout the piloting and evaluation phase. Each pilot will be peer reviewed by at least two other cities and be evaluated in line with the project evaluation strategy. Impact assessment will be performed with KPIs developed in WP1, addressing impacts on several categories (e.g. energy, environment, acceptance, modal split). As in A2.1. the piloting and evaluation phase will also involve significant communications work, both within A2.2 and WP2 and to other stakeholders, such as follower cities. A thematic webinar presenting A2.2. will be organised and engage external stakeholders. A thematic Transfer Guide will be produced, presenting lessons from A2.2. Each solution will produce a transfer plan with a one-page English summary.

2,837 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ✔

D 2.2

Title of the deliverable

Piloting and evaluating solutions that enable integration of different modes in MoBal Zities

92 / 100 characters

Description of the deliverable

D2.2. will be a thematic "Transfer Guide" which will provide general information to stakeholders seeking to transfer solutions enabling integration of different modes into zero emission multimodal transport systems. The Guide will describe how the cities have implemented and evaluated their pilot solutions, indicating key results and including recommendations on how to transfer solutions. The cross-border cooperation within A2.2 will provide guidance as to challenges and opportunities when transferring solutions between contexts. The one-page transfer plan summaries will be included as annexes, enabling users to learn more about each solution and follow-up directly with individual experts for more information. The deliverable will form part of the Transfer Package O2.4.

781 / 2,000 characters

Which output does this deliverable contribute to?

O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities

89 / 100 characters

5.6.6 Timeline

	Period: 1	2	3	4	5	6
WP.2: WP2 Piloting and evaluating solutions						
A.2.2: Piloting and evaluating solutions that enable integration of different modes						
D.2.2: Piloting and evaluating solutions that enable integration of different modes in MoBal Zities						

5.6.7 This deliverable/output contains productive or infrastructure investment ✔

	Investment no.	I2.2_1

Title	Pilot implementation in street space (14 zero emission hubs)	60 / 100 characters
Description	Contribution to infrastructure enabling 14 pilot sites for (electrified) shared mobility: Sidewalk extension to accommodate technical infrastructure, recognisable pillar 'mobilpunkt/Nullemissionshub, civil engineering work, bikesharing and e-scooter facilities.	261 / 500 characters
Country	Germany	
Responsible project partner(s)	PP 2 - Free Hanseatic City of Bremen	
Justification	The infrastructure investment is necessary to implement the 14 pilots as real-life lighthouse project for changing mobility patterns towards electric and shared mobility - to learn about how to organise shared mobility in different neighbourhood types. To be able to involve all stakeholders, the pilots have to be realised. The precise pilot sites will be defined during the project (participation process). Funding necessary to enable pilot – will remain in public ownership.	478 / 500 characters
Transitional relevance	The transnational relevance is generated through the learning from the pilots. The infrastructure investment is necessary to be able to evaluate the effects of different mobility offers depending on local conditions. Due to the number of pilots, different constellations can be demonstrated and tested which is important for transfer.	334 / 500 characters
Benefits	Impacts on environment, on reduced space consumption are for the benefit of all citizens of Bremen. The pilots will serve as lighthouse for the BSR - zero emission hubs piloting as sustainable easy-to-use mobility offer for everyone.	234 / 500 characters
Location	Bremen, exact location to be determined.	40 / 250 characters
	Bremen, Kreisfreie Stadt	
Location ownership	Bremen, public space	20 / 250 characters
Ownership	PP2 Bremen	11 / 500 characters
Maintenance	PP2 Bremen will ensure maintenance through its regular public service activities.	81 / 500 characters
Climate proofing	☑ Ensured ☐ N/A	

	Investment no.	I2.2_2

Title

Charging infrastructure for e-carsharing

40 / 100 characters

Description

Provision of ductwork for cables for innovative charging system (with 8-10 charging points parallel to kerb for intelligent charging in given grid condition).
Charging infrastructure for electric car sharing vehicles will be integrated into the conception and construction of zero emission hubs.

295 / 500 characters

Country

Germany

Responsible project partner(s)

PP 2 - Free Hanseatic City of Bremen

Justification

There is a strong need to provide sustainable alternatives to car ownership. Electric vehicles are unquestionably urgently needed for environmental reasons, but in the case of car sharing they also offer the advantage that citizens can try out e-mobility comparatively easily.

276 / 500 characters

Transitional relevance

Bremen is internationally recognised forerunner for car-sharing. Cities and regions around the Baltic Sea will benefit from the pilots' experience and learn the do's and dont's associated with charging infrastructure for car-sharing stations. Other cities learn from the degree of acceptance, type of use and user behaviour how electric car-sharing can be reasonably realised.

376 / 500 characters

Benefits

Operation of zero-emission hubs will be subject of expression of interest. Charging infrastructure will be of benefit for all e-car owners as we need innovative charging solutions in urban neighbourhoods (with almost no private parking/charging options). E-car sharing is for benefit for the neighbourhoods as fewer cars and less space are needed.

348 / 500 characters

Location

Bremen, exact location to be determined.

40 / 250 characters

Bremen, Kreisfreie Stadt

Location ownership

Bremen, public space

20 / 250 characters

Ownership

PP2 Bremen

10 / 500 characters

Maintenance

PP2 Bremen will ensure maintenance through its regular public service activities.

81 / 500 characters

Climate proofing

☑ Ensured ☐ N/A

	Investment no.	I2.2_3

Title
Electric bike chargers, parking facilites and security equipment for bike parking
81 / 100 characters

Description
Investments which are essential to implement the pilot solution for parking and charging e-bikes and e-cargo bikes at TOK's shopping centre.
142 / 500 characters

Country
Finland

Responsible project partner(s)
PP 11 - Turun Osuuskauppa

Justification
Equipment is essential for e-bike charging and parking demonstration.
70 / 500 characters

Transitional relevance
E-bike charging and parking concept can be implemented at different locations in or around Turku and in other cities around the Baltic sea.
140 / 500 characters

Benefits
Secure parking and charging is essential for growing bike mobility. This concept and demonstration will answer to that need.
125 / 500 characters

Location
Wiklund shoping centre in Turku market square. | Varsinais-Suomi
48 / 250 characters

Location ownership
TOK own the site.
17 / 250 characters

Ownership
The partner TOK will own the solutions
38 / 500 characters

Maintenance
The partner TOK will maintain the solution. Note re climate proofing: the parking infrastructure is climate proofed and security equipment will be proofed accordingly.
167 / 500 characters

Climate proofing
☑ Ensured ☐ N/A

WP 2 Group of activities 2.3

5.6.1 Group of activities leader

Group of activities leader PP 5 - City of Turku

A 2.3

5.6.2 Title of the group of activities

Piloting and evaluating solutions that accelerate digitalisation

64 / 100 characters

5.6.3 Description of the group of activities

In WP2 the partners will implement, evaluate and adapt their solutions, aiming for effective demonstration and continual improvement, thereby paving the way for transfer in WP3 and durable post-project performance. The WP and Activity structure follows the same form as in WP1, with each cluster of solutions moving from preparation to Piloting and evaluating in A2.1-3) and A2.4 providing coordination and cross-cutting support. A2.1-3 will involve all city partners plus TUAS, Etelätär and other partners as required. The main objective of each activity is to enable and cultivate co-learning and capacity-building that supports effective piloting and evaluation of solutions. This will result in a "Transfer Package" (OUT2.4) that can be disseminated to cities and stakeholders to enable rapid uptake of MoBal Zities solutions in other contexts.

A2.3. addresses the challenge of piloting and evaluating solutions that enable digitalisation. In A1.3, the cities prepared implementation plans for their solutions, which will now be piloted and evaluated.

Specifically, this means:
- In Stockholm, new booking and payment systems for on-street charging and parking will be demonstrated and evaluated; capacity-building will be enhanced through method development and improved data collection; and demonstration of vehicle charging through the city's streetlight network will take place at no fewer than 10 locations. Together, these solutions will increase access to on-street charging and increase understanding of charging behaviour, thereby providing strong input to Transfer Plans.
- In Turku, charging streets with smart poles and payment system will be demonstrated, along with a smart solution enabling use of real-time logistics data to manage and monitor use of parking spaces.

The topic of digitalisation is also relevant to activities A2.1-2, and the other cities will contribute to A2.3 by sharing their experiences and through peer review. Evaluation and communications actions will proceed in line with A2.1-2, including a thematic webinar at which project results concerning digitalisation will be presented. The KPIs developed in WP1 will be used to perform impact assessment, addressing impacts on several categories (e.g. energy, mobility space usage, acceptance, parking). Each solution will produce a transfer plan with a one-page English summary, which will be included in the thematic Transfer Guide D2.3.

2,437 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ✔

D 2.3

Title of the deliverable

Piloting and evaluating solutions that accelerate digitalisation in MoBal Zities

80 / 100 characters

Description of the deliverable

D2.3. will be a thematic "Transfer Guide" which will provide general information to stakeholders seeking to transfer solutions enabling digitalisation for mobility and transport in zero emission cities. The Guide will describe how the cities have implemented and evaluated their pilot solutions, indicating key results and including recommendations on how to transfer solutions. The cross-border cooperation within A2.3 will provide guidance as to challenges and opportunities when transferring solutions between contexts. The one-page transfer plan summaries will be included as annexes, enabling users to learn more about each solution and follow-up directly with individual experts for more information. The deliverable will form part of the Transfer Package O2.4.

768 / 2,000 characters

Which output does this deliverable contribute to?

O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities

89 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.2: WP2 Piloting and evaluating solutions						
A.2.3: Piloting and evaluating solutions that accelerate digitalisation						
D.2.3: Piloting and evaluating solutions that accelerate digitalisation in MoBal Zities						

5.6.7 This deliverable/output contains productive or infrastructure investment ✔

	Investment no.	I2.3_1	

Title

Charging point equipment

24 / 100 characters

Description

10 chargers with maximum on 22kW output

39 / 500 characters

Country

Finland

Responsible project partner(s)

PP 9 - IGL-Technologies Ltd

Justification

Essential for testing charging street concept. Charging demonstration is impossible to do without proper equipment with energy effiiency.

139 / 500 characters

Transitional relevance

Charging street concept will be done in a way that it can be replicated nationally and internationally

102 / 500 characters

Benefits

For now, the charging points are scattered around the city. This reduses the time needed to find free charging point to use. Increases the energy-efficiency and usability of the system.

186 / 500 characters

Location

Will be determined, but in city centre area.

44 / 250 characters

Varsinais-Suomi

Location ownership

To be determined.

18 / 250 characters

Ownership

IGL Technologies

16 / 500 characters

Maintenance

Will be done by IGL Technologies

32 / 500 characters

Climate proofing

☑ Ensured ☐ N/A

	Investment no.	I2.3_2	

Title
Sensors and cameras
20 / 100 characters

Description
Sensors and cameras to collect data and measure logistic vehicle movement at specific sites
91 / 500 characters

Country
Finland

Responsible project partner(s)
PP 10 - Nodeon Finland

Justification
Sensors and cameras are essential equipment for data collection. Data will be used to analyze logistic patterns and optimize city logistics.
141 / 500 characters

Transitional relevance
Many cities are facing similar challenges and the methods demonstrated in MoBal Zities will help demonstrate practical solutions to overcome this challenge.
157 / 500 characters

Benefits
Improving logistics in city environment and finding flaws in existing solutions
79 / 500 characters

Location
Will be determined, but in city centre area
43 / 250 characters
Varsinais-Suomi

Location ownership
To be determined depending on location.
39 / 250 characters

Ownership
Nodeon Finland Oy.
19 / 500 characters

Maintenance
Will be done by Nodeon Finland Oy.
34 / 500 characters

Climate proofing
☑ Ensured ☐ N/A

	Investment no.	I2.3_3

Title	Investment costs for works to prepare charging streets 54 / 100 characters
Description	Investment costs related to public works to install charging streets (excavation/digging, cabling, etc). 105 / 500 characters
Country	Finland
Responsible project partner(s)	PP 5 - City of Turku
Justification	These are essential works to install and establish the infrastructure needed to carry out the pilot on charging streets. 120 / 500 characters
Transitional relevance	The charging street concept has relevance for all cities in the Baltic Sea Region as they try to apply resource-efficient, spatially-efficient, multimodal solutions enabled by smart digital tools which facilitate adoption of e-vehicles by different target groups in their cities. 281 / 500 characters
Benefits	The direct beneficiaries of the investment will be users of the pilot charging streets in Turku, which may include the main project target groups along wth local citizens or visitors to Turku using the charging infrastructure. Results and lessons from the pilot will be transferred within Turku and to other municipalities across the BSR, leading to benefits for similar user groups in take-up cities adopting the approach. 424 / 500 characters
Location	Turku, precise location to be determined. 42 / 250 characters Varsinais-Suomi
Location ownership	The charging street will be located on public street space. 60 / 250 characters
Ownership	The City of Turku will own the charging street with specific charging providers owning their charging equipment on site. 121 / 500 characters
Maintenance	The City of Turku is responsible for maintaining the sites. 60 / 500 characters
Climate proofing	☑ Ensured ☐ N/A

WP 2 Group of activities 2.4

5.6.1 Group of activities leader

Group of activities leader PP 1 - City of Stockholm

A 2.4

5.6.2 Title of the group of activities

Implementing shared approaches to piloting and evaluating

57 / 100 characters

5.6.3 Description of the group of activities

In WP2 the partners will implement, evaluate, adapt and validate their solutions in pilots, using the Implementation Plans developed in WP1 to guide their work. A2.4 will continue the work of A1.4. by providing overall project coordination services, in the form of project management, financial management, communications management and evaluation actions. A2.4. will also include coordination of WP2, in much the same way as A1.4. did in WP1, in order to effectively address cross-cutting themes and support implementation and evaluation of A2.1-3. By doing so, A2.4 will ensure lessons from WP1 are carried over into WP2 to ensure successful implementation of pilot solutions in A2.1-3.

A2.4 will organise six WP conference calls and three workshops to facilitate inter-activity dialogue and discussion concerning the implementation of pilots, target group engagement and evaluation activities. Activity A2.4 will ensure the peer review and capacity-building programme initiated in WP1 continues throughout WP2 and generates structured outcomes that are useful for participants and other stakeholders. This will ensure the involvement of at least three countries in each pilot whilst enabling participants to deepen their interaction and facilitate continuous learning at each site and partner. A2.4. will also ensure continued implementation of the project communications plan throughout the period, including at least three thematic webinars, study visits or work shadowing (alongside project workshops), and participation at external events (at least one per city), along with regular contributions to the project subpage. At least five follower cities will be identified and invited to join project webinars and workshops (WPL and Etelätär aim to identify participants from Denmark, Latvia, Lithuania and Norway, the countries not involved in the MoBal Zities partnership).

A2.4 also includes a strong focus on evaluation activities, coordinated by TUAS. For each pilot, target groups will be involved using methods such as workshops and surveys. To assess the effectiveness of piloted solutions, each solution will be subject to both impact and process evaluation activities. The chosen approach will not only enable to provide evidence of the effectiveness of solutions but also to assess the processes of planning and implementing solutions. The evaluation results together with peer review and target group feedback will enable for a thorough understanding of the potential impacts, barriers and drivers of solutions both on a general, thematic level and in the specific city contexts, thus allowing for improved scalability and policy integration (locally and EU-wide).

Simple Transfer Plans will be produced for each solution, outlining the key steps, results, lessons and recommendations take when implementing and evaluating the pilot. Thematic Transfer Guides will be produced for activities A2.1-3, with common lessons for WP2 presented in the Transfer Package O2.4.

2,989 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ☐

O 2.4

Title of the output

Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities

82 / 100 characters

Description of the output

O2.4. marks the completion of WP1-2, in which three pilot actions will have been prepared, piloted and evaluated. In Activity 1, the cities of Gdynia, Stockholm and Tallinn will demonstrate measures that enable resource-efficient planning for sustainable mobility and transport and which benefit from co-creation and exchange with the other project partners. In Activity 2, the five participating cities will demonstrate measures that enable integration of different modes into sustainable multimodal transport systems; and in Activity 3, the cities of Stockholm and Turku, supported by the other partners in joint planning, will implement measures that accelerate digitalisation to enable zero emission mobility and transport. For each Activity and in each WP, short thematic deliverables will have presented the key lessons and results, including with the Implementation Plans for each of the cities' measures (in D1.1-3) and Transfer Plans (in D2.1-3). Together with D1.4, which presents conclusions from WP1, these deliverables will form the O2.4 Transfer Package.

The O2.4 Transfer Package will include a short report providing information on (a) how the cross-border work process was structured to ensure effective implementation and exchange, (b) the impacts of WP2, such as the main evaluation results, and (c) recommendations and lessons from the implementation phase. This report will be complemented by the thematic guides produced by each Activity along with the one-page implementation plans and transfer plan summaries mentioned above. Each deliverable produced in MoBal Zities will be possible to disseminate individually, but taken together comprise the O2.4 "Transfer Package" of solutions for sustainable mobility and transport in zero emission cities.

This "Transfer Package" will offer an informative and comprehensive modular guide to the project's methods, actions and accomplishments. The strong transnational value of this package will also be demonstrated in WP3, as O2.4. is used to enable the transfer of solutions within the project consortium and externally to other stakeholders. Lessons presented in O2.4 will also inform the development of durability plans in the five MoBal Zities, enabling each city to improve and accelerate its actions in the post-project period.

2,304 / 3,000 characters

Target groups and uptake of the solution presented in this output

Target groups	How will this target group apply the output in its daily work?
Target group 1 Local public authority Local public authorities responsible for e.g. urban planning, mobility and transport, climate, environment, from BSR countries are the primary target group. Each MoBal Zities site will engage municipalities from their country and project actions will involve municipalities from other BSR countries. We will also share experiences and outcomes with EU/international local public authorities via the municipal networks MoBal Zities partners are involved in (UBC, C40, POLIS, ICLEI, Eurocities etc).	Local public authorities will be able to apply O2.4 in daily work in multiple ways. The Transfer Package will include information that is thematic in content (D1.1-3 and D2.1-3) and addresses the general and specific characteristics of the pilot solutions and measures implemented in Activities 1-3. Implementation plans and Transfer plans will describe how other local public authorities can adapt and adopt MoBal Zities solutions through take-up and transfer (in partnership with MoBal Zities in WP3 or outside of the project). In addition, O2.4 will compile lessons on process, methods and results from the preparation (D1.4), piloting and evaluation (O2.4) of solutions. Such lessons will be practical and transferable irrespective of thematic or topical focus, and will be communicated in O2.4. and disseminated via webinars and other activities in WP3. This will provide immediate opportunities for take-up cities to apply the output in their daily work. 961 / 1,000 characters
Target group 2 Infrastructure and public service provider Electricity grid operators and providers, public transport companies working in the MoBal Zities regions and countries, along with other BSR countries, are an important target group. MoBal Zities will engage with these groups to ensure preparation and implementation of piloting occurs in a seamless manner and maximises potential synergies with other activities undertaken by these target groups to enable sustainably mobility and transport in zero emission cities.	These target groups will be able to apply O2.4. in their daily work by transferring relevant lessons, results and approaches from solutions which are closely linked to or influence their operations. This may include, for example, grid operators or electricity suppliers who can use O2.4 to increase knowledge, skills – or be inspired by – project pilot solutions addressing electric vehicle charging; or public transport providers who can integrate project measures enabling multimodal transport into their service offerings. Similarly, these target groups can help the MoBal Zities partners improve their work by providing relevant input to O2.4 or feedback on its contents, enabling the partners to adjust and improve transfer actions in WP3 and add content to O3.4. This symbiotic relationship will contribute to uptake of solutions by infrastructure and service providers both in the MoBal Zities and, through transfer actions, across the BSR. 947 / 1,000 characters
Target group 3 Small and medium enterprise Small and medium enterprises are important target groups, as SMEs are often involved in and influence mobility and transport at the local level. Several SMEs are included in the project consortium, addressing sectors including property, retail, IT and technical services. Wider groups will be engaged in the development and implementation of pilot solutions (e.g. last-mile logistics as SMEs are often recipients of goods). Such input will also help transfer of solutions to SMEs in other locations.	SMEs will be able to apply O2.4 in their daily work by learning from the experiences of SMEs within MoBal Zities and adapting or adopting practices from the project into their activities, thereby improving their capacity to provide solutions that meet the needs of other target groups or speeding up their innovation processes. The step-by-step, informative content of O2.4 will guide SMEs seeking to deliver solutions that enable, contribute to or benefit from resource-efficient planning, integration of different modes or digitalisation within urban mobility and transport systems. This will help SMEs become smarter, greener, more commercially viable and enable them to make a substantial contribution to the achievement of sustainable mobility and transportation in zero emission cities. 793 / 1,000 characters
Target group 4 Regional public authority Regional public authorities work closely with local authorities on topics such as urban planning, mobility and transport and often have special responsibilities for services or infrastructure. Each MoBal Zities site will involve regional authorities to prepare solutions and transfer results in their region and share outcomes with other regions in their country and the BSR, thus ensuring wider impacts of the project.	Regional public authorities will be able to apply O2.4 in their daily work and benefit from the insights and practices developed by MoBal Zities. Regional public authorities will acquire knowledge from O2.4 concerning the MoBal Zities pilot solutions, themes, measures and results, providing them with skills and methods or tools to facilitate take-up, transfer and monitoring and evaluation of MoBal Zities solutions. 419 / 1,000 characters

Durability of the output

O2.4 will provide a synthesis of project knowledge acquired during WP1 & WP2, with particular focus on the thematic pilot solutions of Activities 1-3 and the measures contained within each Activity. Each measure will be implemented and validated as part of WP2, enabling integration into partners' daily operations and each city's durability planning in WP3. Measures are based on targets and identified needs, signifying institutional support for pilot solutions and an interest in long-term integration and upscaling – with adaption and continual improvement – as an important part of each city's work to address the climate challenge. For academic partners, knowledge is institutionalised in the competencies of individual researchers and their contributions to scientific literature, in the form of publications, methods developed, etc. For large enterprises and SMEs, the services demonstrated in the project represent important parts of their service development and business models.

990 / 1,000 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.2: WP2 Piloting and evaluating solutions						
A.2.4: Implementing shared approaches to piloting and evaluating						
O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities						

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

Work package 3

5.1 WP3 Transferring solutions

5.2 Aim of the work package

In Work Package 3, communicate and transfer the ready solutions to your target groups. Plan at least one year for this work package to transfer your solutions to the target groups, considering their respective needs. Select suitable activities to encourage your target groups to use the solutions in their daily work.
Organise your activities in up to five groups of activities. Describe the deliverables and outputs as well as present the timeline.

5.3 Work package leader

Work package leader 1 PP 6 - Etelätär Innovation

Work package leader 2 PP 1 - City of Stockholm

5.4 Work package budget

Work package budget 30%

5.5 Target groups

	Target group	How do you plan to reach out to and engage the target group?
1	Local public authority Local public authorities responsible for e.g. urban planning, mobility and transport, climate, environment, from BSR countries are the primary target group. Each MoBal Zities site will engage municipalities from their country and project actions will involve municipalities from other BSR countries. We will also share experiences and outcomes with EU/international local public authorities via the municipal networks MoBal Zities partners are involved in (UBC, C40, POLIS, ICLEI, Eurocities etc). 497 / 500 characters	Project results and outcomes will be transferred directly to local public authorities using a variety of means. Local public authorities will be invited to participate in at least five transfer workshops to be held across the region, as well as a minimum three thematic transfer webinars. To minimise costs and travel and maximise attendance, these will where possible be held alongside relevant EU, national or regional events. Information will also be disseminated directly through project web information and newsletter, as well as through municipal networks or other relevant dissemination channels. The transfer package (O2.4), thematic guides and individual transfer plans will be available to share and take-up cities will be offered mentoring opportunities to help facilitate the take-up and transfer of project solutions; O3.4 will compile final lessons from transfer actions and durability plans, enabling others to learn from MoBal Zities. 951 / 1,000 characters
2	Infrastructure and public service provider Electricity grid operators and providers, public transport companies working in the MoBal Zities regions and countries, along with other BSR countries, are an important target group. MoBal Zities will engage with these groups to ensure preparation and implementation of piloting occurs in a seamless manner and maximises potential synergies with other activities undertaken by these target groups to enable sustainably mobility and transport in zero emission cities. 467 / 500 characters	The project will continue to engage the target groups active in WP1-2. Individual actors will have helped identify specific dissemination channels which Etelätär will have incorporated into the project communication plan and use to transfer knowledge and information about MoBal Zities in WP3 using O2.4. The target groups will have the opportunity to join project transfer activities (including workshops and webinars as outlined above), and each city will develop their own approaches to engage important local, regional or national target groups (e.g. Stockholm will disseminate project results to company signatories of the City's Climate Pact and Electrification Pact). 675 / 1,000 characters
3	Small and medium enterprise Small and medium enterprises are important target groups, as SMEs are often involved in and influence mobility and transport at the local level. Several SMEs are included in the project consortium, addressing sectors including property, retail, IT and technical services. Wider groups will be engaged in the development and implementation of pilot solutions (e.g. last-mile logistics as SMEs are often recipients of goods). Such input will also help transfer of solutions to SMEs in other locations. 499 / 500 characters	This target group will be engaged using similar methods to Target Group 2, with the main difference being the role of SMEs in the project consortium; these companies will be given extra visibility in project communication actions and play an ambassadorial role in advocating take-up or transfer of project solutions to other SMEs. Etelätär will identify specific fora and opportunities to address and inform SMEs about MoBal Zities and offer practical guidance and links to e.g. national agencies who can support SMEs adapting or adopting solutions. 551 / 1,000 characters
4	Regional public authority Regional public authorities work closely with local authorities on topics such as urban planning, mobility and transport and often have special responsibilities for services or infrastructure. Each MoBal Zities site will involve regional authorities to prepare solutions and transfer results in their region and share outcomes with other regions in their country and the BSR, thus ensuring wider impacts of the project. 420 / 500 characters	Transfer activities for regional public authorities will resemble those for local public authorities. Each participating city in MoBal Zities commits to sharing project outcomes directly with their regional authorities and to involving them in discussions concerning e.g. take-up and transfer within regions and across regional boundaries or national borders. As mentioned above in relation to local public authorities, the project will offer a range of different opportunities for direct engagement which promote capacity-building for regional public authorities to support transfer of project solutions. 606 / 1,000 characters

5.6 Activities, deliverables, outputs and timeline

No.	Name
3.1	**Transferring solutions that enable resource-efficient planning**
3.2	**Transferring solutions that enable integration of different modes**
3.3	**Transferring solutions that accelerate digitalisation**
3.4	**Implementing shared approaches to transfer solutions enabling sustainable mobility and transport**

WP 3 Group of activities 3.1

5.6.1 Group of activities leader

Group of activities leader PP 1 - City of Stockholm

A 3.1

5.6.2 Title of the group of activities

Transferring solutions that enable resource-efficient planning

62 / 100 characters

5.6.3 Description of the group of activities

In WP3, the piloted and evaluated solutions of MoBal Zities will be transferred between the partners and externally to target groups. To achieve this, a Transfer Package (O2.4) consisting of thematic Transfer Guides and transfer plans describing each solution was prepared in WP2.

For Activity 1, the thematic transfer guide addressing resource-efficient planning for sustainable mobility and transport in Baltic zero emission cities will be shared with target groups. A thematic transfer webinar will be held, presenting all solutions from Activity 1, and the solutions developed in A1.1-2 will also be presented at local transfer workshops, the project final event and where possible at other relevant events or conferences. Cities or other stakeholders interesting in adopting solutions will be offered mentoring opportunities to facilitate the transfer of solutions to their context.

In addition, as part of A3.4 to produce O3.4, the five MoBal Zities will each prepare a transfer plan (including one-page English summary) describing how they will adapt or adopt a measure implemented in another city, and also prepare a durability plan to demonstrate how actions will be sustained after the project ends. Information gathered for these reports concerning solutions linked to Activity 1 will be compiled in a short document (D3.1) presenting the thematic conclusions of MoBal Zities concerning transfer and durability of solutions for resource-efficient planning, and form part of O3.4.

1,495 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable

☑

D 3.1

Title of the deliverable

Transferring solutions that enable resource-efficient planning in MoBal Zities

78 / 100 characters

Description of the deliverable

This deliverable will be a short (8-10 page) document compiling the key lessons and recommendations from WP3 Activity 1. The document will include information on the cities' durability planning for the implemented solutions, along with other important observations or results concerning solutions transfer, including e.g. guidance on how to select methods for transfer activities or similar advice. The deliverable will also include general thematic conclusions concerning Activity 1 as a cross-cutting challenge addressed by MoBal Zities, and any examples of transfer/replication plans developed by the five cities to adopt or adapt solutions demonstrated in the Activity 1 theme. The deliverable will form part of the Transfer Package O3.4.

743 / 2,000 characters

Which output does this deliverable contribute to?

O3.4. Final report: updating transfer packages with lessons from transfer actions & durability plans

100 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.3: WP3 Transferring solutions						
A.3.1: Transferring solutions that enable resource-efficient planning						
D.3.1: Transferring solutions that enable resource-efficient planning in MoBal Zities						

5.6.7 This deliverable/output contains productive or infrastructure investment

☐

WP 3 Group of activities 3.2

5.6.1 Group of activities leader

Group of activities leader PP 2 - Free Hanseatic City of Bremen

A 3.2

5.6.2 Title of the group of activities

Transferring solutions that enable integration of different modes

65 / 100 characters

5.6.3 Description of the group of activities

In WP3, the piloted and evaluated solutions of MoBal Zities will be transferred between the partners and externally to target groups. To achieve this, a Transfer Package (O2.4) consisting of thematic Transfer Guides and transfer plans describing each solution was prepared in WP2.

For Activity 2, the thematic transfer guide addressing integration of different modes will be shared with target groups. All solutions demonstrated in Activity 2 will be presented in a thematic transfer webinar and at local transfer workshops, the project final event and where possible at other relevant events or conferences. In addition, stakeholders will be offered mentoring opportunities to facilitate the transfer of solutions to their context.

As part of WP3, the five MoBal Zities will each prepare a transfer plan (including one-page English summary) describing how they will adapt or adopt a measure implemented in another city, and also prepare a durability plan to demonstrate how actions will be sustained after the project ends. This information will be used to prepare O3.4, but parts addressing Activity 2 will also be compiled in a short document presenting thematic conclusions concerning transfer and durability of solutions integrating different modes (D3.2).

1,266 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ✔

D 3.2

Title of the deliverable

Transferring solutions that enable integration of different modes in MoBal Zities

81 / 100 characters

Description of the deliverable

Key lessons and recommendations from WP3 Activity 2 will be compiled in a short document, including information on the cities' durability planning for the implemented solutions, along with other important observations or results concerning solutions transfer, including e.g. guidance on how to select methods for transfer activities or similar advice. The deliverable will also include general thematic conclusions concerning Activity 2 as a cross-cutting challenge addressed by MoBal Zities, and any examples of transfer/replication plans developed by the five cities to adopt or adapt solutions demonstrated in the Activity 2 theme. The deliverable will form part of the Transfer Package O3.4.

696 / 2,000 characters

Which output does this deliverable contribute to?

O3.4. Final report: updating transfer packages with lessons from transfer actions & durability plans

100 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.3: WP3 Transferring solutions						
A.3.2: Transferring solutions that enable integration of different modes						
D.3.2: Transferring solutions that enable integration of different modes in MoBal Zities						

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

WP 3 Group of activities 3.3

5.6.1 Group of activities leader

Group of activities leader PP 5 - City of Turku

A 3.3

5.6.2 Title of the group of activities

Transferring solutions that accelerate digitalisation

53 / 100 characters

5.6.3 Description of the group of activities

In WP3, the piloted and evaluated solutions of MoBal Zities will be transferred between the partners and externally to target groups. To achieve this, a Transfer Package (O2.4) consisting of thematic Transfer Guides and transfer plans describing each solution was prepared in WP2.

The thematic transfer guide addressing digitalisation solutions of Activity 3 will be shared in line with the project communications plan and A3.1-2. Take-up cities and other stakeholders will get the chance to join mentoring sessions to enable transfer of Activity 3 solutions, and project results will be presented at the project final event, local transfer workshops and in a thematic transfer webinar, plus at relevant regional or international conferences or events.

As part of WP3, the five MoBal Zities will each prepare a transfer plan (including one-page English summary) describing how they will adapt or adopt a measure implemented in another city, and also prepare a durability plan to demonstrate how actions will be sustained after the project ends. This information will be used to prepare O3.4. A thematic guide for Activity 3 will also be prepared and present relevant conclusions concerning transfer and durability of pilot solutions enabling digitalisation in the MoBal Zities and beyond (D3.3).

1,302 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ✔

D 3.3

Title of the deliverable

Transferring solutions that accelerate digitalisation in MoBal Zities

69 / 100 characters

Description of the deliverable

A short document will present key lessons and recommendations from WP3 Activity 3. This thematic guide will include outcomes and lessons from transfer activities along with information on the MoBal Zities durability planning (and any transfer plans) for pilot solutions demonstrated in A3.1-2. The deliverable will contain a summary of conclusions concerning the project's work with digitalisation in Activity 3, thereby providing a useful tool to target groups specifically interested in this theme. The deliverable will form part of the Transfer Package O3.4.

562 / 2,000 characters

Which output does this deliverable contribute to?

O3.4. Final report: updating transfer packages with lessons from transfer actions & durability plans

100 / 100 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.3: WP3 Transferring solutions						
A.3.3: Transferring solutions that accelerate digitalisation						
D.3.3: Transferring solutions that accelerate digitalisation in MoBal Zities						

5.6.7 This deliverable/output contains productive or infrastructure investment ☐

WP 3 Group of activities 3.4

5.6.1 Group of activities leader

Group of activities leader PP 1 - City of Stockholm

A 3.4

5.6.2 Title of the group of activities

Implementing shared approaches to transfer solutions enabling sustainable mobility and transport

96 / 100 characters

5.6.3 Description of the group of activities

WP3 will enable solutions to be communicated and transferred between and within the partner cities whilst also promoting transfer to other locations and organisations. Locally, each partner will work continuously with stakeholder engagement and develop activities encouraging take-up by users, making use of the O2.4 Transfer Package. WP3 will promote transfer by hosting at least five transfer workshops across the region (where possible alongside EU-wide events) including a final event involving all cities and presenting key findings from each Activity, at least three transfer webinars and by providing practical advice (e.g. O2.4 Transfer Package) and mentoring opportunities to take-up cities or other stakeholders.

A3.4 will coordinate these efforts whilst continuing to provide overall project coordination services, in the form of project management, financial management, communications management and evaluation actions. A3.4 will organise three WP conference calls during the final year of the project. Transfer will be an important theme for the project, with initial planning of transfer actions will begin already in WP1, as the project communication plan is developed, baselines are set and target groups engaged. The focus on transfer will increase as the project moves away from preparation, and into implementation and evaluation in WP2, resulting in O2.4, which will be transferred in WP3. MoBal Zities is designed in a coherent, modular structure to ensure the possibility to transfer project-level outcomes, thematic activity-based outcomes, specific solutions and temporal/processual outcomes per WP.

Each city will prepare a durability plan and describe how actions will be sustained and developed after the project ends; as part of this, each city will develop transfer plans, inspired by the actions of the other partners, indicating how they will adopt and adapt actions or lessons from the other cities. Together, these documents will describe how solutions will be sustained, developed and spread after the project ends. An overview of these durability plans and transfer plans will be presented in a final report (O3.4). The project subpage will be regularly updated with a range of materials including these deliverables and all required communications products.

2,298 / 3,000 characters

5.6.4 This group of activities leads to the development of a deliverable ☐

O 3.4

Title of the output

Final report: updating transfer packages with lessons from transfer actions and durability plans

96 / 100 characters

Description of the output

The project activities of MoBal Zities will end with the completion of O3.4, with transfer of pilot solutions and measures ongoing or planned, and durability plans completed for each city. Nevertheless, the milestone of O3.4 will mean that MoBal Zities shifts into a new phase of post-project activity, as transfer continues and durability plans are implemented by the MoBal Zities, take-up cities, target groups and other stakeholders.

To complete O3.4, the cities' durability plans and transfer plans, along with the thematic summaries from D3.1-3, will be compiled into a short yet coherent final report for the project. O3.4 will discuss how the MoBal Zities partners have worked together to operationalise transfer plans and enshrined their project work in durability plans.

O3.4 will present an overview of project outcomes and results, along with recommendations on how cities can learn and follow the MoBal Zities in delivering solutions that enable resource-efficient planning, integration of different modes, and accelerate digitalisation to secure Sustainable Mobility and Transport in Baltic Zero Emission Cities.

By doing so, O3.4 will provide context to the other WP3 deliverables and generate recommendations that are informative, practical and transferable and thereby of significant transnational value as other cities, communities, stakeholders and countries seek to accelerate climate action and achieve smart green mobility. Together with O2.4, O3.4 will present the legacy of MoBal Zities, and provide inspiration and guidance to ensure the durability of MoBal Zities solutions now and into a zero emission future.

1,642 / 3,000 characters

Target groups and uptake of the solution presented in this output

Target groups	How will this target group apply the output in its daily work?
Target group 1 Local public authority Local public authorities responsible for e.g. urban planning, mobility and transport, climate, environment, from BSR countries are the primary target group. Each MoBal Zities site will engage municipalities from their country and project actions will involve municipalities from other BSR countries. We will also share experiences and outcomes with EU/international local public authorities via the municipal networks MoBal Zities partners are involved in (UBC, C40, POLIS, ICLEI, Eurocities etc).	O3.4 will present all project results by adding the final thematic reports (D3.1-3), individual transfer plans and durability plans to the “Transfer Package” and by synthesising lessons from MoBal Zities. This information will be invaluable to practitioners in local public authorities and provide them with information and practical tips that help them adapt or adopt solutions or measures from MoBal Zities and apply them in their local contexts. Other transfer actions planned in WP3 will support and contribute to this work, establishing a pool of interested local public authorities who are ready to receive and use O3.4 in their daily work. 647 / 1,000 characters
Target group 2 Infrastructure and public service provider Electricity grid operators and providers, public transport companies working in the MoBal Zities regions and countries, along with other BSR countries, are an important target group. MoBal Zities will engage with these groups to ensure preparation and implementation of piloting occurs in a seamless manner and maximises potential synergies with other activities undertaken by these target groups to enable sustainably mobility and transport in zero emission cities.	This target group will be able to apply lessons and results from O3.4 to improve its provision of key public services, by for example adapting or adopting solutions to enable improvements to basic infrastructure or services. O3.4 will provide guidance on what has worked in MoBal Zities and why, enabling the target group to learn and adjust their processes to enable faster uptake and transfer within cities or regions. 421 / 1,000 characters
Target group 3 Small and medium enterprise Small and medium enterprises are important target groups, as SMEs are often involved in and influence mobility and transport at the local level. Several SMEs are included in the project consortium, addressing sectors including property, retail, IT and technical services. Wider groups will be engaged in the development and implementation of pilot solutions (e.g. last-mile logistics as SMEs are often recipients of goods). Such input will also help transfer of solutions to SMEs in other locations.	SMEs will be able to apply O3.4 to their operations in a similar way to infrastructure and service providers, and as an extension of their application of O2.4. O3.4 will provide SMEs with instructive guidance on how to apply solutions in cities and may help inspire SMEs to develop or adopt new ideas or measures that advance the MoBal Zities solutions beyond the state-of-the-art. 382 / 1,000 characters
Target group 4 Regional public authority Regional public authorities work closely with local authorities on topics such as urban planning, mobility and transport and often have special responsibilities for services or infrastructure. Each MoBal Zities site will involve regional authorities to prepare solutions and transfer results in their region and share outcomes with other regions in their country and the BSR, thus ensuring wider impacts of the project.	Regional public authorities will be able to apply O3.4 to identify or adopt solutions or measures which can be introduced or scaled up within their regions to enable resource-efficient planning, integration of different modes or accelerated digitalisation, thereby supporting regional efforts to reduce climate impacts of transportation. 338 / 1,000 characters

Durability of the output

O3.4 is the final MoBal Zities product including a synthesis of lessons from WP1, WP2 and WP3; including the thematic Activities 1-3, implementation plans, transfer guides, transfer plans and durability plans. The measures implemented to enable resource-efficient planning, integration of different modes and accelerated digitalisation will be presented and discussed with reference to process and impact evaluation outcomes. O3.4 will thus provide content that will remain valuable and functional for years to come. O3.4 will also support efforts to institutionalise solutions into routine operations and ensure durability within the MoBal Zities. For academic partners, knowledge is institutionalised in the competencies of individual researchers and their contributions to scientific literature, in the form of publications, methods developed, etc. For large enterprises and SMEs, the services demonstrated in the project represent important parts of their service development and business models.

1,000 / 1,000 characters

5.6.6 Timeline

Period:	1	2	3	4	5	6
WP.3: WP3 Transferring solutions						
A.3.4: Implementing shared approaches to transfer solutions enabling sustainable mobility and transport						
O.3.4: Final report: updating transfer packages with lessons from transfer actions and durability plans						

5.6.7 This deliverable/output contains productive or infrastructure investment

6. Indicators

Indicators

Output indicators

Output indicators	Total target value in number	Project outputs	Please explain how the solution presented in this output serves the target group(s).
RCO 84 – Pilot actions developed jointly and implemented in projects	3	N/A	N/A
RCO 116 – Jointly developed solutions	2	O.2.4: Transfer Package: Solutions for Sustainable Mobility and Transport in MoBal Zities	O2.4 serves the target groups by providing a “Transfer Package” of information including a synthesis of the general methods, approaches and practices used to complete WP1 and WP2; thematic reports describing how each Activity was planned (D1.1-3), piloted and evaluated (D2.1-3) to deliver pilot solutions addressing ways to enable resource-efficient planning; enable integration of different modes; and accelerate digitalisation. Moreover, implementation plans and transfer plans for each measure demonstrated will be included. As such, O2.4 will provide target groups with a modular learning kit on which to base and inform their transfer actions and thereby contribute to their work to develop or implement products, services or other actions that facilitate a rapid transition to sustainable mobility and transport in zero emission cities. 844 / 1,000 characters
		O.3.4: Final report: updating transfer packages with lessons from transfer actions and durability plans	O3.4 serves the target groups by providing a comprehensive package of information addressing the methods, approaches and practices used to complete WP1-2-3; thematic reports describing how each Activity was planned (D1.1-3), piloted and evaluated (D2.1-3) and transferred (D3.1-3) to deliver and spread pilot solutions addressing ways to enable resource-efficient planning; enable integration of different modes; and accelerate digitalisation. The implementation plans, transfer guides and transfer plans of each city will be included, providing target groups with an advanced modular learning kit which can be used to adapt or adopt solutions demonstrated in MoBal Zities to their own context and contribute to achievement of their work to enable sustainable mobility and transport in zero emission cities. 807 / 1,000 characters

Result indicators

Result indicator	Total target value in number	Please explain how organisations in the target groups within or outside the partnership will take up or upscale each solution.
RCR 104 - Solutions taken up or up-scaled by organisations	2	A wide range of different activities will be used to engage all target groups and facilitate their participation in the development, uptake or upscaling of project solutions. To increase knowledge, capacity and skills, the project will enable participation in co-creation activities for parties both outside and within the consortium; provide information in multiple formats, including webinars and transfer packages; and employ methods such as mentoring of take-up cities to facilitate contributions to co-creation processes and to gain insights enabling improvement of piloted solutions. Target groups adapting or adopting solutions will for example amplify the operations of an existing solution in a project city beyond the project scope (via regional public authorities and local public authorities) or alternatively beyond the piloting area of a city or by tapping into completely new markets by replicating the setup of the pilots in other cities, by infrastructure operators outside of the consortium or SMEs. The consortium includes also a regionally significant cooperative retail society (TOK) whose activities in the project have ample potential to be upscaled within the chain, in other cities, and replicated by similar actors in the partner countries and across the BSR. Each partner city will plan for transfer of measure(s) from other cities, and each city will also develop durability plans to ensure local continuity and upscaling; such plans will also assist e.g. neighbouring local or regional public authorities in transferring solutions from the project. All stakeholders will be considered throughout the project and are targeted through appropriate tools within WP3 for the final transfer activities. Depending on the organisation type, different communication channels are more effective than others but all of them will be interactive and allow for a two-way communication to ensure the highest possible effectiveness for take-up cities and other target groups. 1,992 / 2,000 characters

Result indicator	Total target value in number	Please explain how organisations in the target groups within or outside the partnership will take up or upscale each solution.

Output indicators		Result indicators			
Output indicator	**Total target value in number**	**Result indicator**	**Total target value in number**	**Please describe what types of organisations are planned to actively participate in the project. Explain how this participation will increase their institutional capacity. These types of organisations should be in line with the target groups you have defined for your project.**	
RCO 87 - Organisations cooperating across borders	12	**PSR 1 - Organisations with increased institutional capacity due to their participation in cooperation activities across borders**	25	Project partners and associated organisations	The 12 organisations represent 5 local public authorities, 2 research institutions, 3 SMEs, 1 large enterprise and 1 international municipal network (NGO). The cities will emerge from the project with increased capacities to develop and implement pilot solutions. Participation in co-creation and internal peer-review will increase the individual competency of policy and technical officers in each city, helping them to adapt or adopt solutions from other cities whilst also improving local implementation of their own pilots. These cross-border exchanges and interaction with the other project participants and take-up cities will inform development of transfer plans and durability plans for each city. For the SMEs and large enterprise, the project will increase capacity by enabling demonstration and validation of their services and products, providing opportunities to refine business models and increasing knowledge that can enable further development and roll-out to other locations. The universities will refine methods and tools that both improve the quality of the solutions and the universities' capacity to contribute to zero-emission mobility planning in cities. The impact evaluation activities lead by the universities will provide partners with evidence-based data to inform future decisions. As Associate partner UBC will help increase capacity of its members by facilitating transfer of project outcomes and in doing so increase its own knowledge and skills. 1,479 / 1,500 characters
				Other organisations	A basic target of 13 organisations with increased institutional capacity is set and reflects the project's ambition to increase capacity among local and regional public authorities, SMEs, and infrastructure and public service providers. Additional stakeholders, such as large enterprises, business associations, or mobility operators are also likely to be beneficiaries of the project's capacity-building measures. These groups will be reached through specifically targeted activities, such as workshops, webinars, or events. The target groups will be made aware of the project activities and the added value the piloted solutions can bring to their respective organisation, allowing them to apply the MoBal Zities solutions portfolio to their specific needs and requirements to enhance local, regional and national transport and mobility. The impact evaluation activities and transfer packages will provide target groups with evidence-based data to inform their decisions. We anticipate that the actual number of organisations with increased institutional capacity as a result of MoBal Zities will be higher and will devise effective follow-up methods to monitor engagement and outcomes throughout the project and particularly in relation to transfer activities in WP3. 1,272 / 1,500 characters

7. Budget

7.0 Preparation costs

Preparation Costs

Would you like to apply for reimbursement of the preparation costs?	No

7.1 Breakdown of planned project expenditure per cost category & per partner

No. & role	Partner name	Partner status	CAT1 - Staff	CAT2 - Office & administration	CAT3 - Travel & accommodation
1 - LP	City of Stockholm	Active 22/09/2022	1,188,184.44	178,227.67	178,227.67
2 - PP	Free Hanseatic City of Bremen	Active 22/09/2022	321,976.50	48,296.48	48,296.48
3 - PP	Municipality of Gdynia	Active 22/09/2022	224,381.97	33,657.30	33,657.30
4 - PP	City of Tallinn	Active 22/09/2022	253,135.11	37,970.27	37,970.27
5 - PP	City of Turku	Active 22/09/2022	567,586.80	85,138.02	85,138.02
6 - PP	Etelätär Innovation	Active 22/09/2022	377,961.21	56,694.18	56,694.18
7 - PP	Turku University of Applied Sciences	Active 22/09/2022	181,627.78	27,244.17	27,244.17
8 - PP	Gdansk University of Technology	Active 22/09/2022	219,777.40	32,966.61	32,966.61
9 - PP	IGL-Technologies Ltd	Active 22/09/2022	51,598.80	7,739.82	7,739.82
10 - PP	Nodeon Finland	Active 22/09/2022	56,758.70	8,513.81	8,513.81
11 - PP	Turun Osuuskauppa	Active 22/09/2022	61,918.60	9,287.79	9,287.79
Total			3,504,907.31	525,736.12	525,736.12

No. & role	Partner name	CAT4 - External expertise & services	CAT5 - Equipment	CAT6 - Infrastucture & works	Total partner budget
1 - LP	City of Stockholm	157,500.00	60,000.00	0.00	1,762,139.78
2 - PP	Free Hanseatic City of Br	420,000.00	0.00	630,000.00	1,468,569.46
3 - PP	Municipality of Gdynia	155,000.00	8,000.00	0.00	454,696.57
4 - PP	City of Tallinn	737,000.00	4,000.00	0.00	1,070,075.65
5 - PP	City of Turku	110,000.00	30,000.00	10,000.00	887,862.84
6 - PP	Etelätär Innovation	73,830.00	3,100.00	0.00	568,279.57
7 - PP	Turku University of Applie	0.00	0.00	0.00	236,116.12
8 - PP	Gdansk University of Tec	36,000.00	0.00	0.00	321,710.62
9 - PP	IGL-Technologies Ltd	5,000.00	20,000.00	15,000.00	107,078.44
10 - PP	Nodeon Finland	5,000.00	25,000.00	5,000.00	108,786.32
11 - PP	Turun Osuuskauppa	5,000.00	15,000.00	5,000.00	105,494.18
Total		1,704,330.00	165,100.00	665,000.00	7,090,809.55

7.1.1 External expertise and services

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
1. City of Stockhol	Specialist support	CAT4-PP1-E-0	Pre-study on technical requirements for booking charging spots 62 / 100 characters	No	1.3	20,000.00	
1. City of Stockhol	Specialist support	CAT4-PP1-E-0	Procurement of service to enable booking of charging spots 58 / 100 characters	No	1.3 2.3	35,000.00	
1. City of Stockhol	Communication	CAT4-PP1-C-0	Local translation costs of interviews and experiences from implementing charging. 81 / 100 characters	No	1.1 1.2 1.3	10,000.00	
2. Free Hanseatic	Communication	CAT4-PP2-C-0	Costs related to public relations, communication, flyers, local webpage for zero emission hubs. 96 / 100 characters	No	2.2 3.2	80,000.00	
2. Free Hanseatic	Events/meetings	CAT4-PP2-A-0	Neighbourhood mobility street events and incentives for testing out innovative mobility services 97 / 100 characters	No	2.2 3.2	120,000.00	
2. Free Hanseatic	Specialist support	CAT4-PP2-E-0	External planning services- design of intelligent charging infrastucture, part of zero emission hub 100 / 100 characters	No	1.2	130,000.00	
2. Free Hanseatic	Specialist support	CAT4-PP2-E-0	Scientific support and evaluation, factors influencing the choice of modules for zero emission hubs 100 / 100 characters	No	1.2 2.2	50,000.00	
2. Free Hanseatic	Specialist support	CAT4-PP2-E-0	Legal support (proposals for further development towards curbside management) 78 / 100 characters	No	2.2	40,000.00	
3. Municipality of G	Other	CAT4-PP3-G-0	Travel, Study visits - peer to peer learning (to involve external experts) 75 / 100 characters	No	1.2 2.2	6,000.00	
	Total					1,704,330.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
3. Municipality of G	IT	CAT4-PP3-B-1	Fleet mobility management tool 31 / 100 characters	No	1.2 1.3 1.4 2.2 2.4 3.4	12,000.00	
3. Municipality of G	Events/meetings	CAT4-PP3-A-1	Organization of meetings with stakeholders 42 / 100 characters	No	1.1 1.2 1.3	5,000.00	
3. Municipality of G	Other	CAT4-PP3-G-1	Up to 6 dedicated e-vehicles for public services (lease or purchase of fleet) 77 / 100 characters	No	1.1 1.2 2.1 2.2 3.1 3.2	96,000.00	
4. City of Tallinn	Other	CAT4-PP4-G-1	Battery driven trolleybuses feasibility study - benchmark, line network analysis, modeling 91 / 100 characters	No	1.2 2.2	75,000.00	
4. City of Tallinn	Other	CAT4-PP4-G-1	Car charging network analysis, business model, modeling, piloting, testing 74 / 100 characters	No	1.1 2.1	300,000.00	
4. City of Tallinn	Other	CAT4-PP4-G-1	Old town car free area - benchmark analysis and modeling of car free area with entrance system 95 / 100 characters	No	1.2 2.2	75,000.00	
4. City of Tallinn	Other	CAT4-PP4-G-1	Old town logistics – benchmark analysis and feasibility study, business model, piloting, testing 98 / 100 characters	No	1.2 2.2	250,000.00	
4. City of Tallinn	Specialist support	CAT4-PP4-E-1	3 site visits involving external consultants 45 / 100 characters	No	1.1 1.2 2.1 2.2	5,000.00	
4. City of Tallinn	Communication	CAT4-PP4-C-1	Local dissemination materials (video, visual, prints) 54 / 100 characters	No	1.4 2.4 3.4	20,000.00	
	Total					1,704,330.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
4. City of Tallinn	Communication	CAT4-PP4-C-1	Cost of translating local reports 33 / 100 characters	No	1.4 2.4 3.4	8,000.00	
4. City of Tallinn	Events/meetings	CAT4-PP4-A-2	Local external meetings (venue, catering) 41 / 100 characters	No	1.4 2.4 3.4	4,000.00	
5. City of Turku	Other	CAT4-PP5-G-2	E-bike measure, Marketing materials for targeted audiences 58 / 100 characters	No	1.2 2.2 3.2	5,000.00	
5. City of Turku	Other	CAT4-PP5-G-2	Logistics datahub Open source coding for the enlargement of parking hub 72 / 100 characters	No	1.3 2.3	40,000.00	
5. City of Turku	Other	CAT4-PP5-G-2	Logistics datahub Financial analysis for the viability 55 / 100 characters	No	1.3 2.3	15,000.00	
5. City of Turku	Other	CAT4-PP5-G-2	Charging street Signage and marketing materials for the demo 61 / 100 characters	No	1.3 2.3	10,000.00	
5. City of Turku	Communication	CAT4-PP5-C-2	Mobility management Campaign materials, videos, prints 55 / 100 characters	No	1.2 2.2 3.2	20,000.00	
5. City of Turku	Specialist support	CAT4-PP5-E-2	MM monitoring framework 24 / 100 characters	No	1.2 2.2	15,000.00	
5. City of Turku	Events/meetings	CAT4-PP5-A-2	Venue and catering costs for local events 42 / 100 characters	No	1.4 2.4 3.4	5,000.00	
6. Etelätär Innovati	Communication	CAT4-PP6-C-2	Printed Materials (Brochures, Posters, Roll-Ups, Notepads, Pens, Postcards) 75 / 100 characters	No	1.4 2.4 3.4	5,505.00	
	Total					1,704,330.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
6. Etelätär Innovati	IT	CAT4-PP6-B-2	Digital materials and services (Internal Mailing Lists, Video Production) 73 / 100 characters	No	1.4 2.4 3.4	11,995.00	
6. Etelätär Innovati	Events/meetings	CAT4-PP6-A-3	Webinars for Twinning & Following Cities, Registration to conferences, Organisation of events 93 / 100 characters	No	1.4 2.4 3.4	19,700.00	
6. Etelätär Innovati	Other	CAT4-PP6-G-3	Travel & accomodation for Twinning & Following Cities (min. 10 entities) 72 / 100 characters	No	1.4 2.4 3.4	30,000.00	
6. Etelätär Innovati	Communication	CAT4-PP6-C-3	Translation of printed materials and key website contents 58 / 100 characters	No	1.4 2.4 3.4	3,300.00	
6. Etelätär Innovati	IT	CAT4-PP6-B-3	Software licences for management & design activities 53 / 100 characters	No	1.4 2.4 3.4	3,330.00	
8. Gdansk Universit	Other	CAT4-PP8-G-3	Study visits - peer to peer learning (for external invitees) 60 / 100 characters	No	1.2 1.4 2.4 3.4	6,000.00	
8. Gdansk Universit	Other	CAT4-PP8-G-3	User surverys, traffic and freight flows observations and analysis 66 / 100 characters	No	1.1 1.2 2.1 2.2 3.1 3.2	30,000.00	
9. IGL-Technologie	Other	CAT4-PP9-G-3	Charging Street: Parking terminal integration with Kaskea Parking 65 / 100 characters	No	1.3 2.3	5,000.00	
10. Nodeon Finland	Other	CAT4-PP10-G-	Sensors and Cameras: Manufacturers ICT-service and -platform costs 67 / 100 characters	No	1.3 2.3	5,000.00	
	Total					1,704,330.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
3. Municipality of G	Communication	CAT4-PP3-C-3	Marketing campaign for local awareness-raising on zero-emission zones 70 / 100 characters	No	1.1 2.1 3.1	30,000.00	
3. Municipality of G	Other	CAT4-PP3-G-3	Dissemination of SULP for Gdynia 32 / 100 characters	No	2.1 3.1	6,000.00	
1. City of Stockhol	Specialist support	CAT4-PP1-E-4	Compiling data and evaluating charging patterns in private households/properties 80 / 100 characters	No	1.1 2.1	20,000.00	
1. City of Stockhol	Specialist support	CAT4-PP1-E-4	Compiling of experiences from implementing charging, evaluate and share with partners. 86 / 100 characters	No	3.3	10,000.00	
1. City of Stockhol	Specialist support	CAT4-PP1-E-4	Pre-study of options for mobile-application for payment charging and parking 77 / 100 characters	No	1.3	10,000.00	
1. City of Stockhol	Specialist support	CAT4-PP1-E-4	Procurement of service for mobile-application for payment charging and parking 79 / 100 characters	No	1.3 2.3	25,000.00	
1. City of Stockhol	Specialist support	CAT4-PP1-E-4	Pre-study of requirements to plan & prepare battery storage in buildings 72 / 100 characters	No	1.1	15,000.00	
1. City of Stockhol	Specialist support	CAT4-PP1-E-4	Translation of report on experiences with electrified heavy machinery in Sweden 80 / 100 characters	No	2.2	2,500.00	
1. City of Stockhol	Events/meetings	CAT4-PP1-A-4	2 webinars sharing knowledge of electrified heavy machinery (1 English, 1 Swedish) 82 / 100 characters	No	3.2	10,000.00	
11. Turun Osuuska	Communication	CAT4-PP11-C-	Local campaign Materials, E-bike marketing and evaluation materials 68 / 100 characters	No	1.2 2.2 3.2	5,000.00	
	Total					1,704,330.00	

7.1.2 Equipment

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
1. City of Stockhol	Tools or devices	CAT5-PP1-F-0	Storage Battery and charging equipment for 10 cars 50 / 100 characters	No	1.3 2.3	40,000.00	
1. City of Stockhol	IT hardware and soft	CAT5-PP1-B-0	Server costs for mobile application/booking systems 52 / 100 characters	No	1.3 2.3 3.3	20,000.00	
3. Municipality of G	IT hardware and soft	CAT5-PP3-B-0	Devices and tools for public participation in SULP process - subscriptions, computers, tablets, etc. 100 / 100 characters	No	1.1 2.1 3.1	8,000.00	
5. City of Turku	Other specific equip	CAT5-PP5-H-0	Charging light pole. Demonstration with charger and data IoTs 62 / 100 characters	No	1.3 2.3	30,000.00	
	Total					165,100.00	

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value	
4. City of Tallinn	IT hardware and soft	CAT5-PP4-B-0	Computers for project staff 28 / 100 characters	No	1.1 1.2 1.3 1.4 2.1 2.2 2.3 2.4 3.1 3.2 3.3 3.4	4,000.00	
6. Etelätär Innovati	IT hardware and soft	CAT5-PP6-B-0	Computer equipment for staff 29 / 100 characters	No	1.1 1.2 1.3 1.4 2.1 2.2 2.3 2.4 3.1 3.2 3.3 3.4	3,100.00	
9. IGL-Technologie	Other specific equip	CAT5-PP9-H-0	Charging Street: Charging point equipment with 10 charging points max 22 kW 76 / 100 characters	No	1.3 2.3	20,000.00	
10. Nodeon Finland	Tools or devices	CAT5-PP10-F-	Sensors and cameras for the demo area 38 / 100 characters	No	1.3 2.3	25,000.00	
11. Turun Osuuska	Tools or devices	CAT5-PP11-F-	E-bike chargers, parking facilities, camera and security equipment 66 / 100 characters	No	1.2 2.2	15,000.00	
	Total					165,100.00	

7.1.3 Infrastructure and works

Contracting partner	Group of expenditure	Item no.	Specification	Investment item?	Group of activities no.	Planned contract value
2. Free Hanseatic	Labour (related to co	CAT6-PP2-D-0	Construction measures in street space (14 zero emission hubs) sidewalks, pillars, engineering etc (97 / 100 characters)	Yes	I2.2_1	350,000.00
2. Free Hanseatic	Purchase of land	CAT6-PP2-A-0	2 charging points for e-carsharing per zero emission hub = 28 charging points (each appr. 10.000€) (99 / 100 characters)	Yes	I2.2_2	280,000.00
9. IGL-Technologie	Labour (related to co	CAT6-PP9-D-0	Cabling, grid connection and excavation works (45 / 100 characters)	Yes	I2.3_1	15,000.00
10. Nodeon Finland	Labour (related to co	CAT6-PP10-D-	Installation, electrification (29 / 100 characters)	Yes	I2.3_2	5,000.00
11. Turun Osuuska	Labour (related to co	CAT6-PP11-D-	Installation work (17 / 100 characters)	Yes	I2.2_3	5,000.00
5. City of Turku	Labour (related to co	CAT6-PP5-D-0	Work charging streets (21 / 100 characters)	Yes	I2.3_3	10,000.00
	Total					665,000.00

7.1.4 Investment summary

Investment item no.	Investment title	Total planned value
I2.2_1	Pilot implementation in street space (14 zero emission hubs)	350,000.00
I2.2_2	Charging infrastructure for e-carsharing	280,000.00
I2.2_3	Electric bike chargers, parking facilites and security equipment for bike parking	5,000.00
I2.3_1	Charging point equipment	15,000.00
I2.3_2	Sensors and cameras	5,000.00
I2.3_3	Investment costs for works to prepare charging streets	10,000.00

Investment no. I2.2_1 - Pilot implementation in street space (14 zero emission hubs)

Contracting partner	Planned contract value
2. Free Hanseatic City of Bremen	350,000.00

Investment no. I2.2_2 - Charging infrastructure for e-carsharing

Contracting partner	Planned contract value
2. Free Hanseatic City of Bremen	280,000.00

Investment no. I2.2_3 - Electric bike chargers, parking facilites and security equipment for bike parking

Contracting partner	Planned contract value
11. Turun Osuuskauppa	5,000.00

Investment no. I2.3_1 - Charging point equipment

Contracting partner	Planned contract value
9. IGL-Technologies Ltd	15,000.00

Investment no. I2.3_2 - Sensors and cameras

Contracting partner	Planned contract value
10. Nodeon Finland	5,000.00

Investment no. I2.3_3 - Investment costs for works to prepare charging streets

Contracting partner	Planned contract value
5. City of Turku	10,000.00

7.2 Planned project budget per funding source & per partner

No. & role	Partner name	Partner status	Country	Funding source	Co-financing rate [in %]	Total [in EUR]	Programme co-financing [in EUR]	Own contribution [in EUR]	State aid instrument
1-LP	City of Stockholm	Active 22/09/2022	SE	ERDF	80.00 %	1,762,139.78	1,409,711.82	352,427.96	For each partner, the State aid relevance and applied aid measure are defined in the **State aid section**
2-PP	Free Hanseatic City of Bremen	Active 22/09/2022	DE	ERDF	80.00 %	1,468,569.46	1,174,855.56	293,713.90	
3-PP	Municipality of Gdynia	Active 22/09/2022	PL	ERDF	80.00 %	454,696.57	363,757.25	90,939.32	
4-PP	City of Tallinn	Active 22/09/2022	EE	ERDF	80.00 %	1,070,075.65	856,060.52	214,015.13	
5-PP	City of Turku	Active 22/09/2022	FI	ERDF	80.00 %	887,862.84	710,290.27	177,572.57	
6-PP	Etelätär Innovation	Active 22/09/2022	EE	ERDF	80.00 %	568,279.57	454,623.65	113,655.92	
7-PP	Turku University of Applied Sciences	Active 22/09/2022	FI	ERDF	80.00 %	236,116.12	188,892.89	47,223.23	
8-PP	Gdansk University of Technology	Active 22/09/2022	PL	ERDF	80.00 %	321,710.62	257,368.49	64,342.13	
9-PP	IGL-Technologies Ltd	Active 22/09/2022	FI	ERDF	80.00 %	107,078.44	85,662.75	21,415.69	
10-PP	Nodeon Finland	Active 22/09/2022	FI	ERDF	80.00 %	108,786.32	87,029.05	21,757.27	
11-PP	Turun Osuuskauppa	Active 22/09/2022	FI	ERDF	80.00 %	105,494.18	84,395.34	21,098.84	
Total ERDF						7,090,809.55	5,672,647.59	1,418,161.96	
Total						7,090,809.55	5,672,647.59	1,418,161.96	

7.3 Spending plan per reporting period

	EU partners (ERDF)		Total	
	Total	Programme co-financing	Total	Programme co-financing
Period 1	836,642.47	669,313.94	836,642.47	669,313.94
Period 2	1,169,873.20	935,898.56	1,169,873.20	935,898.56
Period 3	1,380,712.64	1,104,570.11	1,380,712.64	1,104,570.11
Period 4	1,468,998.18	1,175,198.54	1,468,998.18	1,175,198.54
Period 5	1,370,481.30	1,096,385.04	1,370,481.30	1,096,385.04
Period 6	864,101.76	691,281.40	864,101.76	691,281.40
Total	7,090,809.55	5,672,647.59	7,090,809.55	5,672,647.59