

**Interreg**  
Baltic Sea Region



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# Jelgava State City Pilot

Tartu | 22.09.2026.

[interreg-baltic.eu/project/startsun](https://interreg-baltic.eu/project/startsun)



An aerial photograph of Jelgava, Latvia, showing a wide river flowing through the city. In the foreground, there is a large stadium with a white, curved roof and a baseball field. The city is densely packed with various buildings, including a prominent church with a blue dome and a tall spire. The river is bordered by green spaces and trees, and there are several small boats and docks along the banks. The sky is clear and blue.

# Jelgava State City pilot

# Jelgava Municipality Energy Community established on 15th June 2026



# Members of energy community

## 1) Jelgava state city municipality

- Solar panels on Jelgava Culture House  
(Jelgava State-City Municipal Institution «Kultura» )
- Solar panels on Parlielupe Primary School  
(Jelgava State-City Municipal Institution - «Jelgava Education Board»)



## 2) Zemgale Regional Energy Agency (ZREA)

acts as administrative support of the  
community





# Jelgava Culture House

30 kW sun PV system  
30 kWh battery



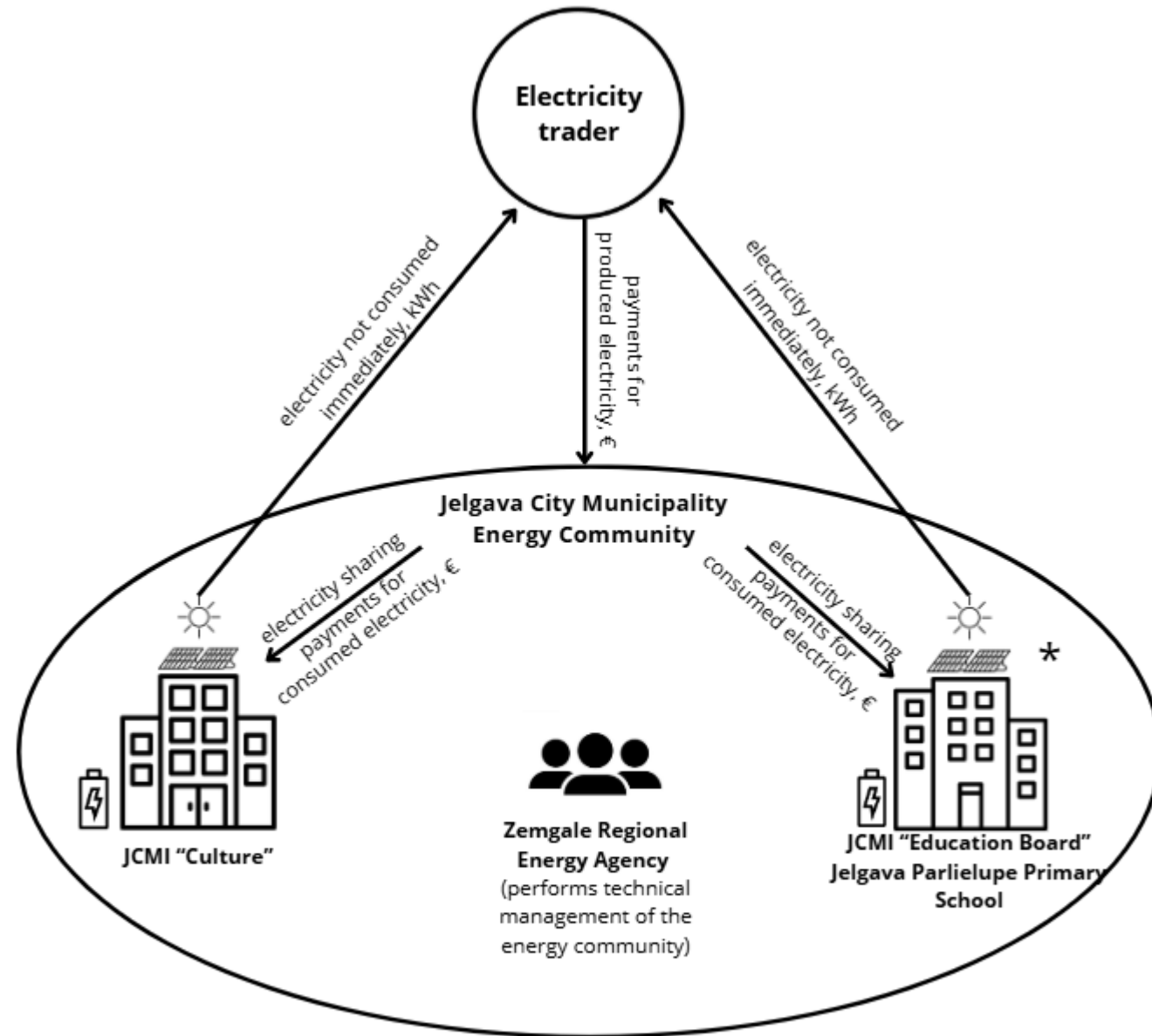
# Parlielupe Primary School

30 kW sun PV system  
30 kWh battery

# Jelgava Municipality Energy Community

- ✓ Registered in Latvia Enterprise register
- ✓ Registered in the Energy Community Register [bis.gov.lv](http://bis.gov.lv) – in the ERIS section, administered by State Environment Service(VVD)
- ✓ Contract concluded between energy community members
- ✓ Energy sharing Contract concluded with electricity trader Latvenergo - Elektrum on energy sharing
- ✓ Bank account opened
- ✓ Members have paid membership fee
- ✓ Accountancy is being set up

# Operational scheme



\*A part of the produced electricity is allocated to socially vulnerable groups - for the self-consumption of the school attended by children and young people.

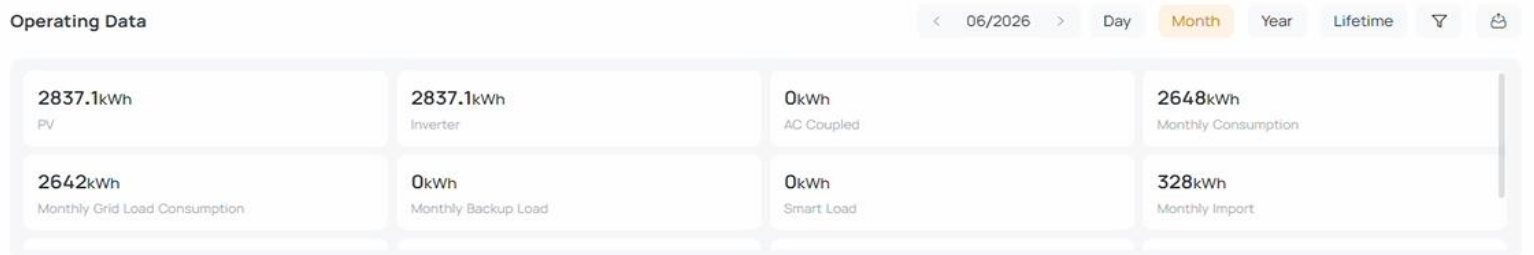
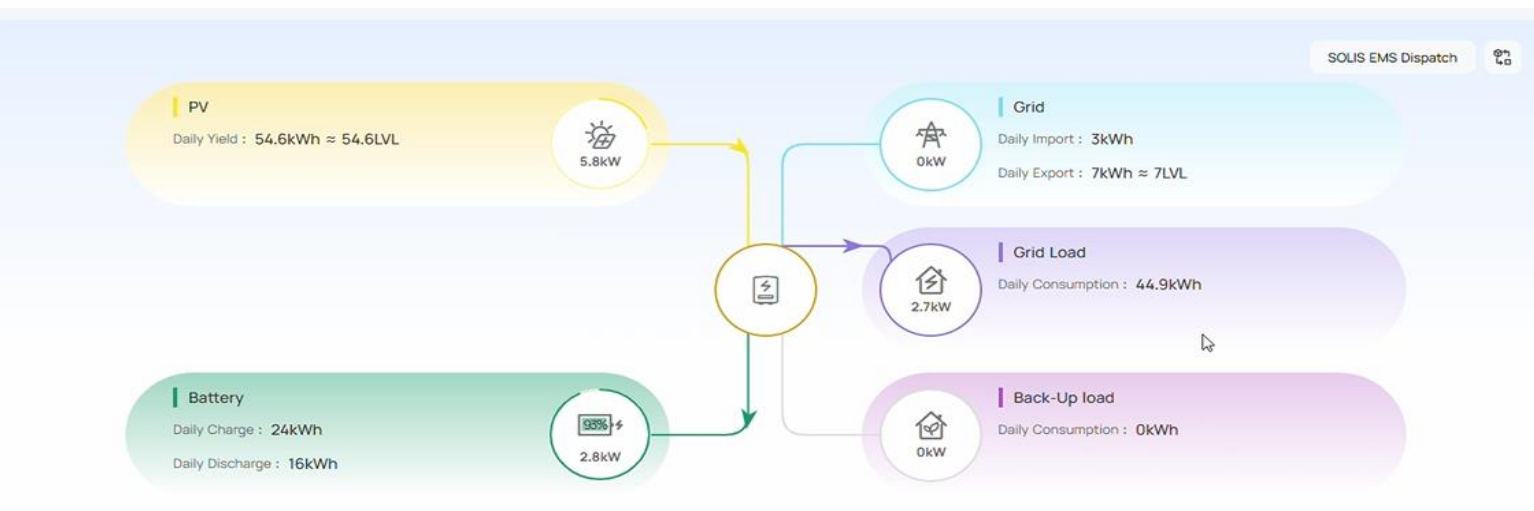
# Lessons learned

- ✓ In Latvia **energy sharing** currently works through **selling kWh to electricity trader** who pays for it at the end of each month and then energy community can decide and cover the electricity bills and energy grid fees of its community members
- ✓ Electricity traders can purchase surplus energy from energy communities per Nord Pool price with reduction which does not exceed 20 EUR per MWh. 4 electricity traders which have published their offer to purchase surplus energy from energy communities for sharing offer Nord Pool price minus 20 EUR/MWh, plus 100-200+VAT EUR monthly fee for energy sharing service
- ✓ Jelgava has concluded energy sharing agreement with Elektrum (Latvenergo), which currently has the best offer: 41 EUR/MWh(fixed price) with no additional fee for energy sharing service.
- ✓ After 1 year we will have practical experience what works, what not, what % of electricity bills energy community has managed to reduce and if income is sufficient to cover energy communities' administrative expenses

# Use of income in Jelgava energy community

- ✓ Firstly, administrative expenses will be covered – accountant and bank account costs, and exploitation costs of both electricity production sites
- ✓ From the remaining income members can cover the electricity bills and grid fees at equal amount for the both buildings where the energy sharing (production) objects are installed
- ✓ In September 2026 Jelgava energy community has received the 1st credit invoice from electricity trader per 150 EUR for covering its expenses or, if possible, electricity bills or grid fees of both buildings -sharing has been started

# Savings in electricity consumption



PV Import Export Charge Discharge Consumption



## Battery

2.8kW Charging

93%  
SOC

## Plant Information

E23.7511, N56.67



Plant Name

Loka maģistrāle 29

Owner

andrejs.konisevs@izglitiba.jelgava.lv

Status

Online

PV Capacity

30kWp

Plant Address

29 Loka maģistrāle, Jelgava, Jelgava, Latvia

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ENERGY TRANSITION  
StartSun

## Weather

# Savings in electricity

## Jelgava Culture house

| Month  | Consumed electricity (kWh) 2025 |  | Consumed electricity (kWh) 2026 | Given to network (kWh) | Difference 2026 against 2025 (kWh) | Difference 2026 against 2025 % |
|--------|---------------------------------|--|---------------------------------|------------------------|------------------------------------|--------------------------------|
| April  | 14298                           |  | 7592                            | 1649                   | -6706                              | -47%                           |
| May    | 14667                           |  | 7238                            | 3021                   | -7430                              | -51%                           |
| June   | 5509                            |  | 5477                            | 3116                   | -32                                | -1%                            |
| July   | 7432                            |  | 5920                            | 3022                   | -1512                              | -20%                           |
| August | 7342                            |  | 6003                            | 2969                   | -1339                              | -18%                           |
| Total: | 49248                           |  | 32229                           | 13776                  | -17019                             | -35%                           |

# Savings in electricity

## Jelgava Parlielupe school

| Month  | Consumed electricity (kWh) 2025 |  | Consumed electricity (kWh) 2026 | Given to network (kWh) | Difference 2026 against 2025 (kWh) | Difference 2026 against 2025 % |
|--------|---------------------------------|--|---------------------------------|------------------------|------------------------------------|--------------------------------|
| March  | 8230                            |  | 7770                            |                        | -461                               | -6%                            |
| April  | 8253                            |  | 5094                            | 253                    | -3159                              | -38%                           |
| May    | 6631                            |  | 4100                            | 403                    | -2530                              | -38%                           |
| June   | 2511                            |  | 431                             | 1065                   | -2080                              | -83%                           |
| July   | 1584                            |  | 242                             | 827                    | -1342                              | -85%                           |
| August | 1984                            |  | 550                             | 681                    | -1434                              | -72%                           |
| Total: | 29193                           |  | 18187                           | 3228                   | -11007                             | -38%                           |

# Latvia Start-Up package with sample documents published on [www.zrea.lv](http://www.zrea.lv)

www.zrea.lv/lv/jaunumi\_5/start-up\_pakete\_pasvaldibas\_energokopienai\_3766/

ZREA  
ZEMGALES REĢIONĀLĀ  
ENERĢETIKAS AĢENTŪRA

ENGLISH MEKLĒT

ATBALSTA PROGRAMMAS 2026 JAUNUMI PAR MUMS ENERGOEFEKTIVITĀTE IEPIRKUMI EKSPERTI PROJEKTI

ATJAUNOJAMĀ ENERĢIJA ENERGOEFEKTIVITĀTE

Start-Up pakete pašvaldības energokopienai



04.06.2026

INTERREG Baltijas jūras reģiona programmas projekts StartSun - "Jaunuzņēmumi (Start-up) saules energokopienām" <https://interreg-balticeu/project/startsun/> ir īpaši ar to, ka tā ietveros drīzumā tiks dibinātas pirmās divas pašvaldību energokopienas - Jēlģevas ietvaros dibinātā "Jēlģevas novada pašvaldības enerģētiskā kooperatīva" un Jēlģevas novada pašvaldības enerģētiskā kooperatīva dibinātā "Jēlģevas novada pašvaldības enerģētiskā kooperatīva".

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**StartSun**

 Estonian University  
of Life Sciences



Länsstyrelsen  
Östergötland



Tartu Regiooni Energiaagentuur  
Tartu Regional Energy Agency



*jelgava*



UPPSALA  
UNIVERSITET



JĒKABPILS  
NOVADS



Energiaühistu  
OMA ELEKTER



Åtvidabergs  
kommun



KALEVIPOJA  
KODA



Zaļā brīvība

**gnf**  
Green Net Finland



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# Thank you for your attention!

The StartSun project is co-financed by  
Interreg Baltic Sea Region.

Total budget: 3,202,068.22 Euro.

Project implementation: November 2023 -  
October 2026

Homepage: <https://interreg-baltic.eu/project/startsun/>

Lead partner: County Administrative Board  
of Östergötland (Länsstyrelsen Östergötland)

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