The ChemClimCircle approach to procurement

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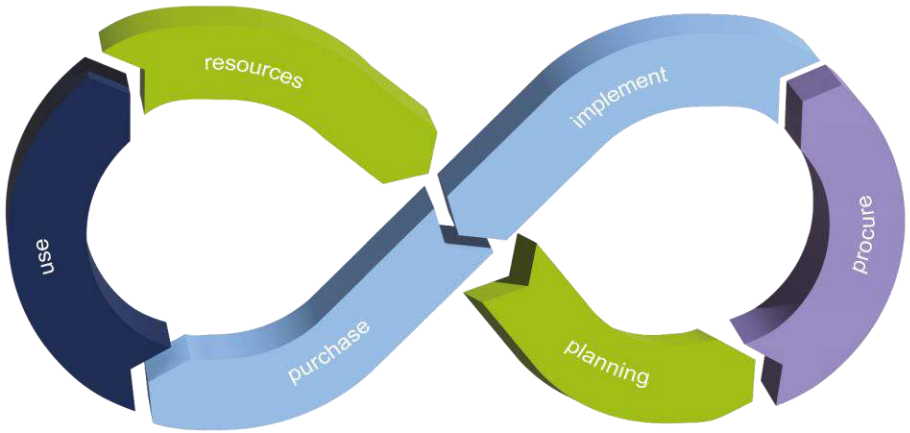
Process structure and sustainability coordination

To efficiently implement sustainability aspects into the whole procurement / purchasing process, thought is needed in all parts of the process.

- It cannot be included the last week before advertising a tender.
- Coordination of the work by a function in the organisation gives clarity for everyone involved.



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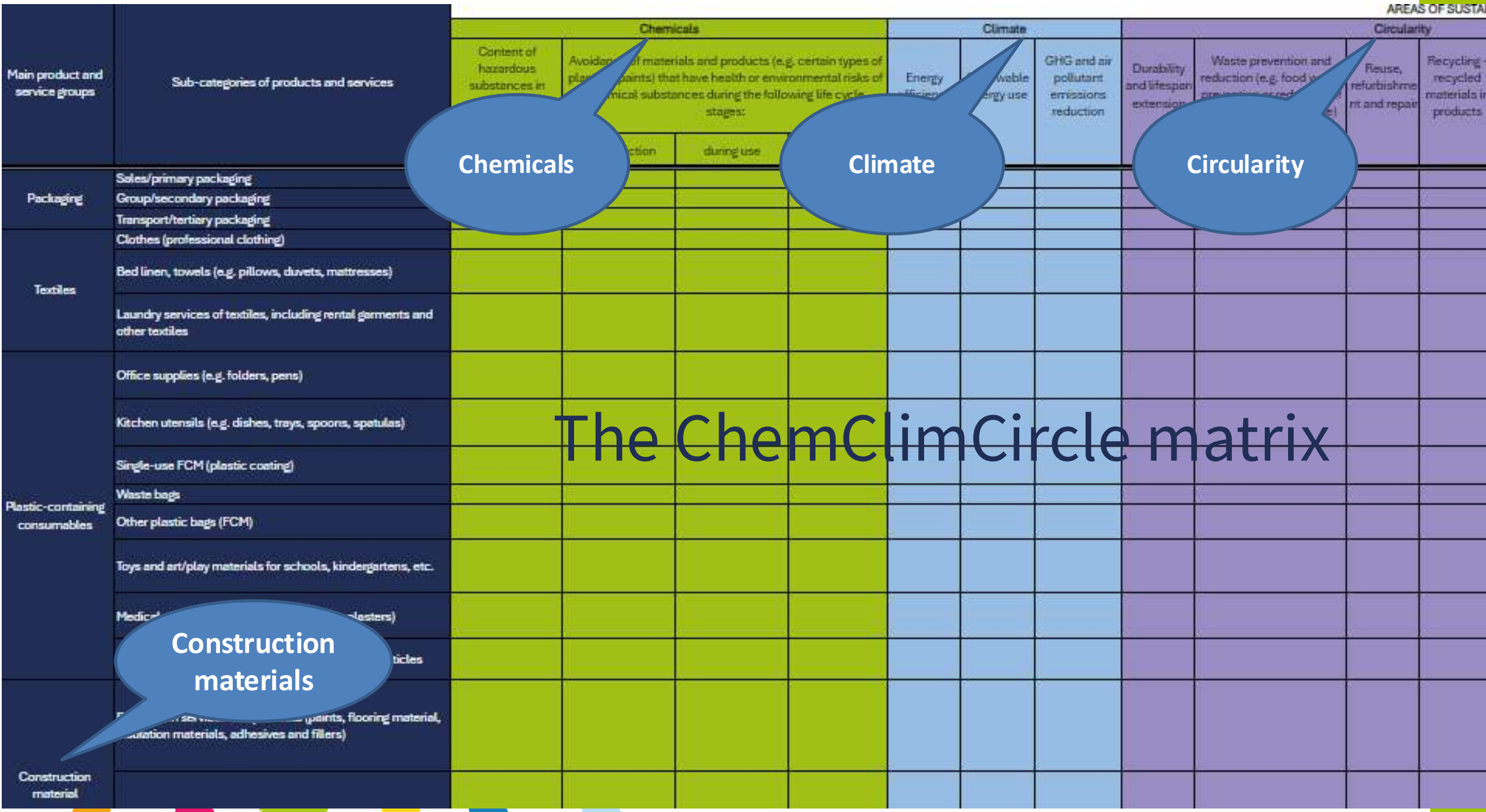
AREAS OF SUSTA
Chemicals
Climate
Circularity
Main product and service groups
Sub-categories of products and services
Content of hazardous substances in
during use
GHG and air pollutant emissions reduction
Durability and lifespan extension
Reuse, refurbishment and repair
Chemicals
Climate
Circularity
Packaging
Sales/primary packaging
Group/secondary packaging
Transport/tertiary packaging
Textiles
Clothes (professional clothing)
Bed linen, towels (e.g. pillows, duvets, mattresses)
Laundry services of textiles, including rental garments and other textiles
Plastic-containing consumables
Office supplies (e.g. folders, pens)
Kitchen utensils (e.g. dishes, trays, spoons, spatulas)
Single-use FCM (plastic coating)
Waste bags
Other plastic bags (FCM)
Toys and art/play materials for schools, kindergartens, etc.
Construction materials
Construction material
The ChemClimCircle matrix

Application for construction and related materials – construction of a new pre-school in Västerås

- **Focus on chemcials:**
  - Building materials will be logged in the BVB logbook.
  - Aiming at > 20% of the materials assessed as recommended.
  - Floors will be PVC-free. One argument is the results from the preschool dust sampling.
  - Aiming for “Miljöbyggnad gold”(certification)

- **Focus on circularity:**
  - Architects are searching for circular and re-used products as much as possible.
  - Aiming for “Miljöbyggnad gold”.

- **Focus on climate neutrality:**
  - Aiming for “Miljöbyggnad gold”.
  - The construction company and the architect company are dedicated in finding sustainable solutions for the preschool.

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Goals in the tender:

- A safe, healthy, creative and stimulating preschool.
- An attractive workplace for pre-school teachers and other staff.
- Create opportunities for future other operations in the building.
- Materials chosen with great care:
  - Reduce the consumption of finite resources
  - Low climate impact
  - Very low levels of hazardous substances.
  - The tenderers needed to describe how they will fulfil these requirements.

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How to measure impact?

- There are methods to measure impact on climate effects.
- Methods are needed to measure impact of criteria for chemical aspects and circularity as well!

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Thank you for listening!
All outputs are found at:
https://interreg-baltic.eu/project/chemclimcircle/

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