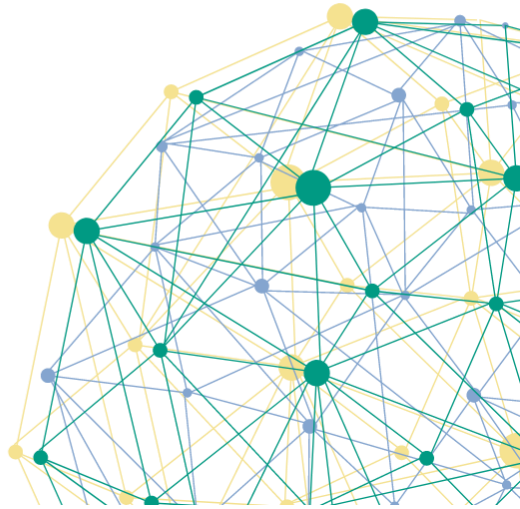
Connect

Interconnected Innovation Ecosystems

How can we accelerate circular economy in the construction, plastic and textile industries through public procurement of innovation?



Funded by
the European Union

Belgium

3 regions

Denmark

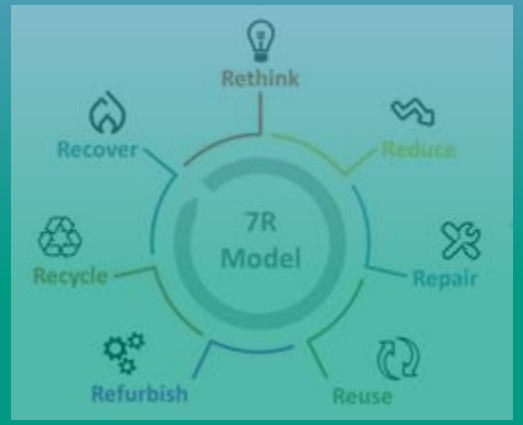
Portugal

Construction

Plastics (packaging)

3 sectors

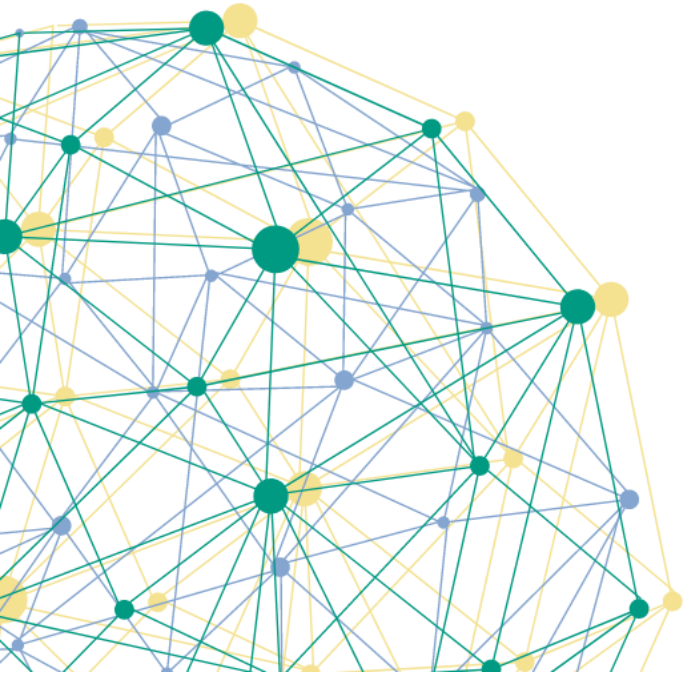
Textile



As part of the New European Innovation Agenda and **Horizon Europe**, the European Innovation Ecosystems (EIE) programme aims to create more connected, inclusive, and efficient innovation ecosystems.

Phase 1

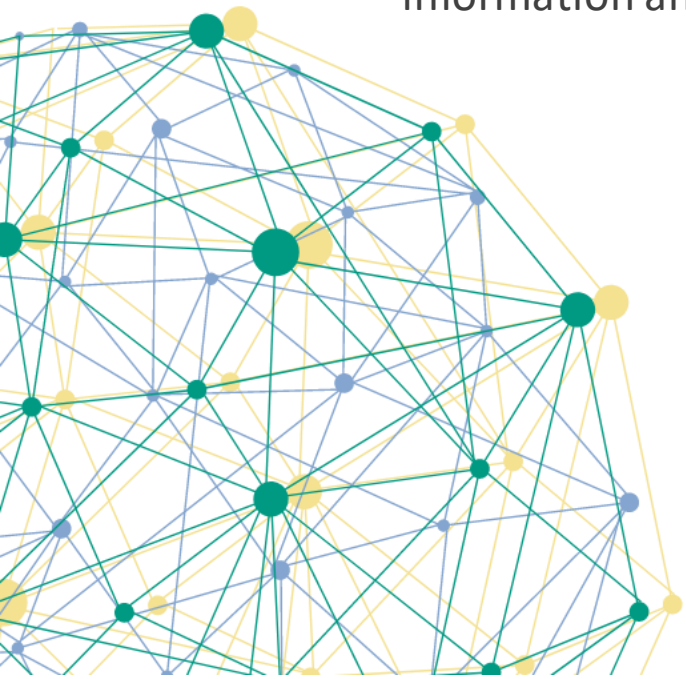
Intra-connection of ecosystem



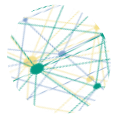
Phase 2

Inter-connection of ecosystems:

- Cross-regional collaboration based on regional comptetive strengths and needs.
- Identification of opportunities for information and technology exchange

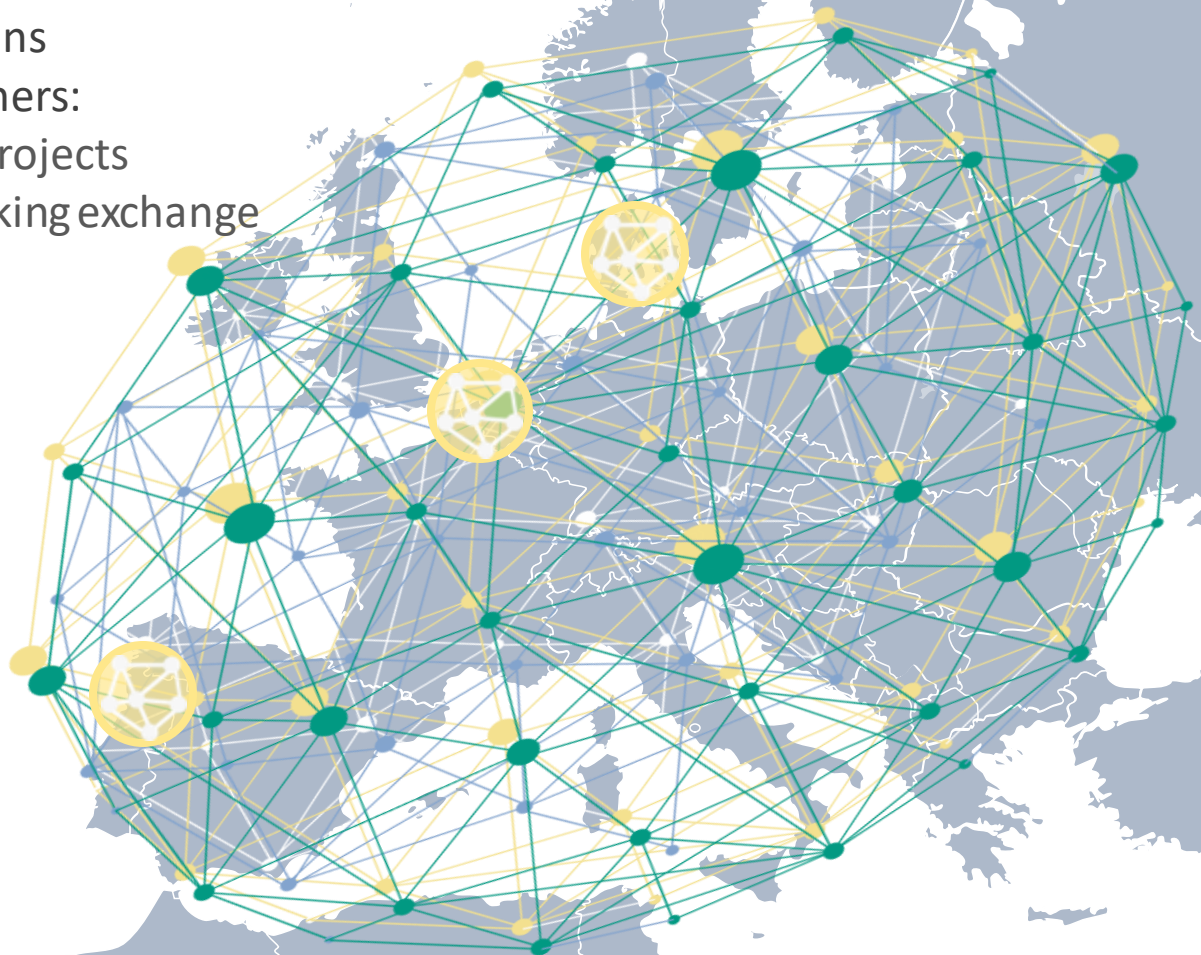


Phase 3



Pan-European connections
led by regional frontrunners:

- Collaboration in EU-projects
- International networking exchange

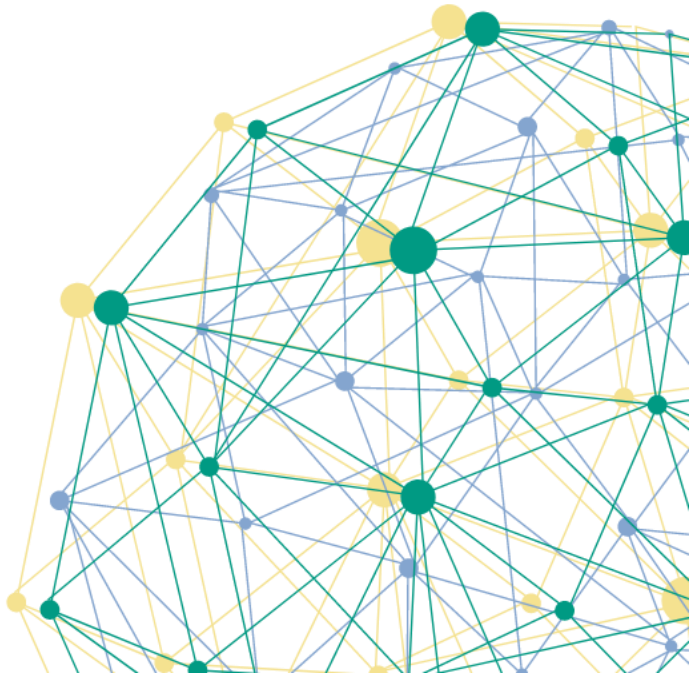


INTERNATIONAL CLEANTECH NETWORK

What do you work with and what is your experience with procurement of circular solutions?

Please scan the QR code to give input!

Circular Textiles



PROPOSED PROJECT TOPICS FOR PUBLIC PROCUREMENT OF SOLUTIONS FOR CIRCULAR PLASTICS

Materials

- Minimum required content of recycled fibres in procurement of new textile products

Collection of textile waste

- Optimized collection methods for textile waste

Recycling or reuse of textiles from public institutions

- Recycling or reuse of textiles from workwear/uniform (i.e. in hospitals)

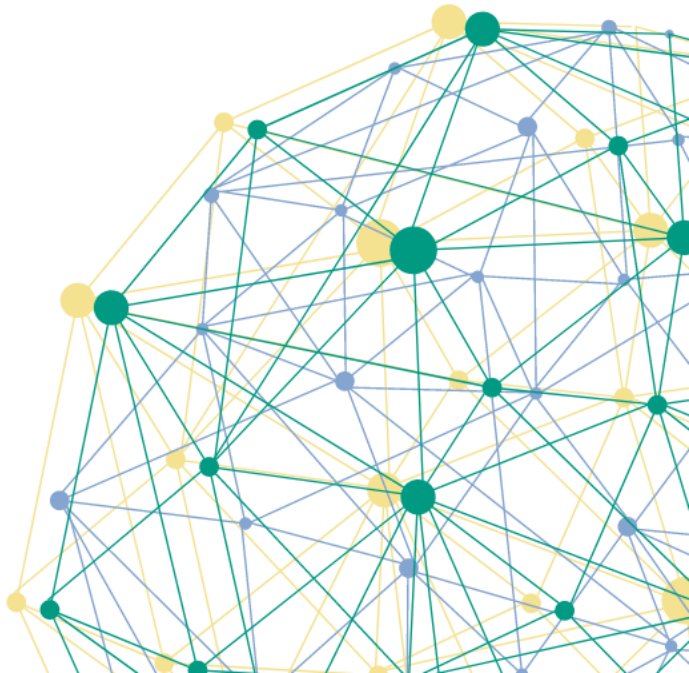
How can we increase the circularity of textiles through future procurement initiatives?

Do you think these topics could be relevant to work with through future procurement projects?

Do you have other challenges/topics within the circularity of textiles, that you think could be relevant to address through future projects? Which ones?

Please scan the QR code to give input!

Circular plastics



PROPOSED PROJECT TOPICS FOR PUBLIC PROCUREMENT OF SOLUTIONS FOR CIRCULAR PLASTICS

Return and take-back systems

- Return systems for take-away packaging on city level
- Return systems for bottles, crates and cans

Collection and recycling

- Recycling of plastics from public institutions (e.g. hospitals, labs etc.)
- Mechanical or chemical recycling of difficult fractions collected at public recycling stations.
- Innovative solutions for collection of (plastic) waste from rivers

Materials

- Recycled or biobased content in the procurement of new plastic products

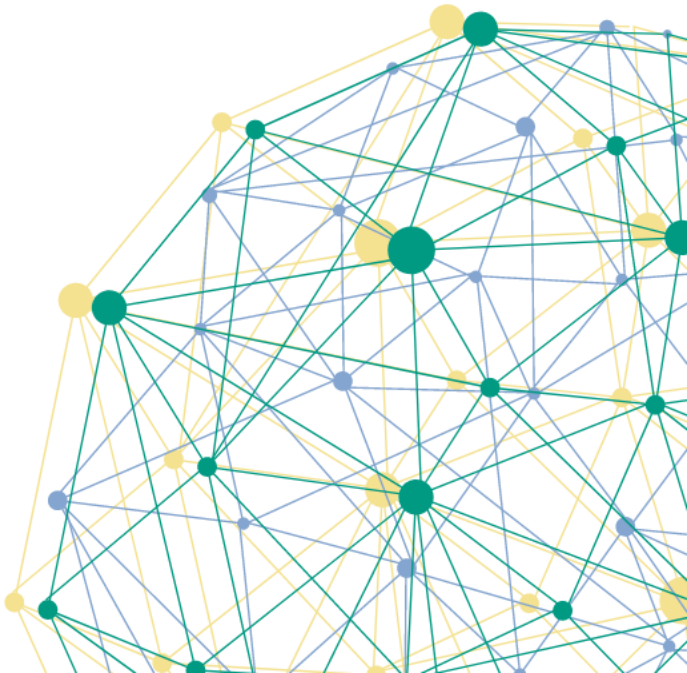
How can we increase the circularity of plastics and packaging through future procurement initiatives?

Do you think these topics could be relevant to work with through future procurement projects?

Do you have other challenges/topics within the circularity of plastics and packaging, that you think could be relevant to address through future projects? Which ones?

Please scan the QR code to give input!

Circular construction



PROPOSED PROJECT TOPICS FOR PUBLIC PROCUREMENT OF SOLUTIONS FOR CIRCULAR PLASTICS

URBAN MINING

- Connection of digital tools
- Local re-use networks and material banks

REVERSIBLE DESIGN

- Promote principles and methods of reversible design
- Adapt reversible design principles to renovation

MATERIALS

- Recycled or biobased content in materials for new buildings

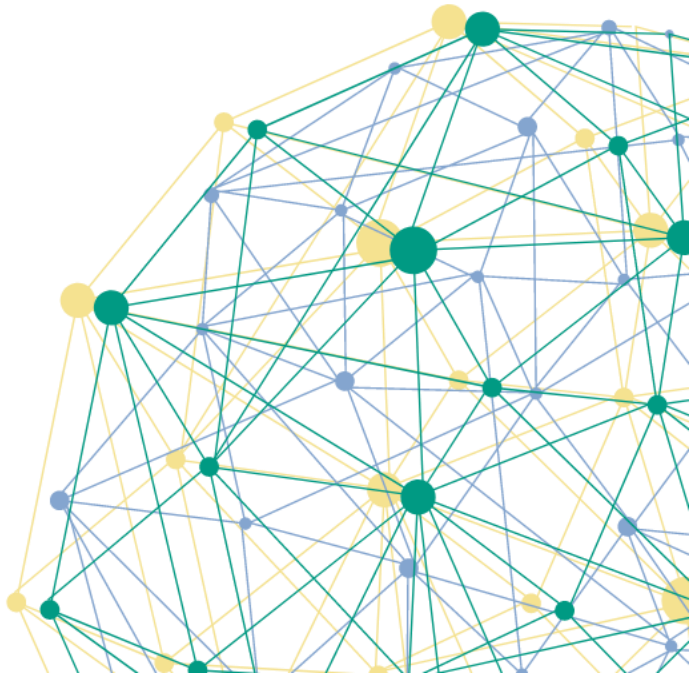
How can we increase the circularity of construction through future procurement initiatives?

Do you think these topics could be relevant to work with through future procurement projects?

Do you have other challenges/topics within the circularity of construction, that you think could be relevant to address through future projects? Which ones?

Please scan the QR code to give input!

Cross sectoral topic: Innovative sorting technologies



Innovative technologies for sorting of waste

Why use digital solutions for sorting?

- Replacing manual sorting processes with digital/automated solutions can ensure more accurately sorted fractions and contribute to scalability of sorting processes
- Improve recycling rates by sorting out larger reusable/recyclable fractions

Why are public buyers relevant here?

- Public actors can play a role in increasing the adoption and scaling the use of digital sorting solutions by testing and implementing new technology (e.g. sensoring, detection, robotics, artificial intelligence etc.)

To increase the use of digital solutions for sorting of plastic, textiles and construction waste, there is a need for open innovation and sharing of best practices for digital sorting solutions at EU level. This can for example include actions to:

- Facilitate open dialogue between research institutions, technology providers and the companies and *public actors who can implement the solutions.*
- Address barriers for implementation of innovative technologies for sorting (e.g. legal, infrastructural and economic barriers)

How can we address this topic in future procurement projects?

Do you think this topic could be relevant to work with through future procurement projects? (Why/why not?)

Thank you!

Sign up for the webinar to hear best practices for procurement of circular solutions and get the opportunity to join future projects!

8R reduce reuse rethink

flux50 ENERGISING THE FUTURE

CLEAN DANMARKS MILJØKLYNGE

Smart Waste Portugal
Business Development Network

Funded by the European Union