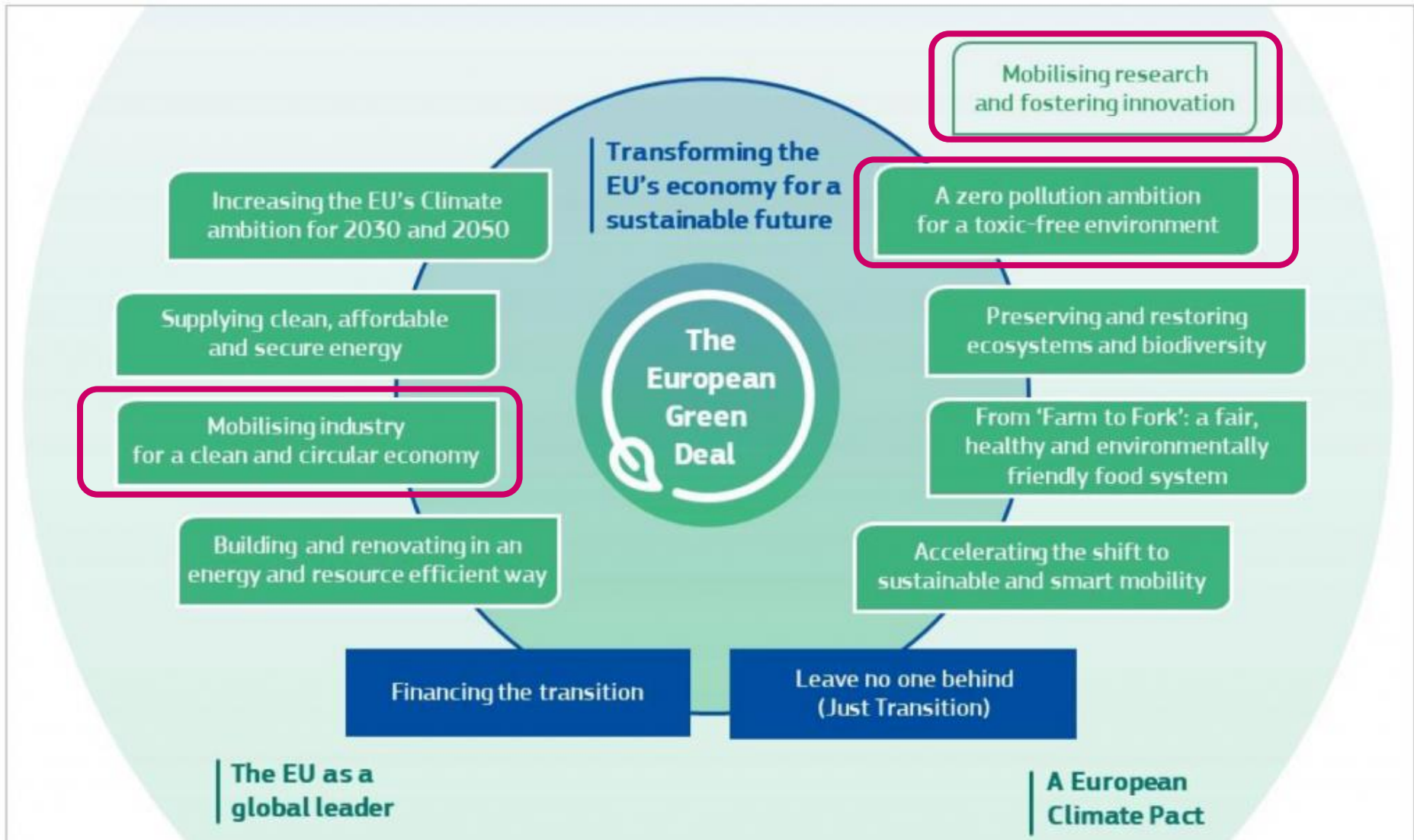

Accompanying the textile circular economy transition through EU research & regional innovation

ENTeR Final Conference

10 November 2020

The EU Green Deal



What to expect from EU policy 2020 – 2022 ?



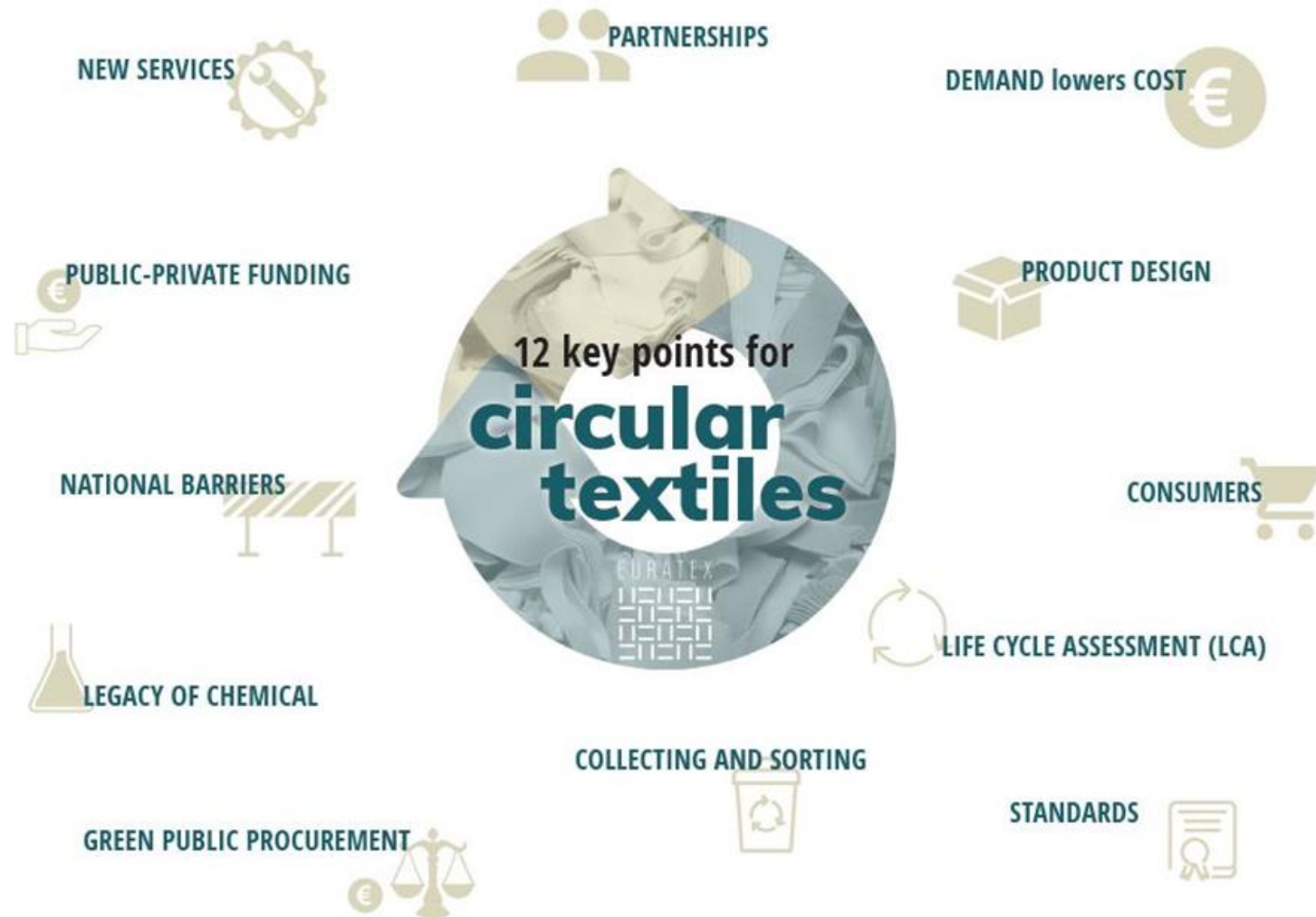
Changes for Textile PRODUCTION

- **Incentives:** funds, stimulate demand
- **Requirements:** 3 large **REACH**, new **BREF**, **Eco-design** (inc. microplastic), Products Passport,
- **Enabling factors:** separate collection / traceability, EU-wide waste criteria, waste shipment rules
- **Pressure:** Tax (EPR), waste management costs

Changes for Textile DEMAND

- **Consumers labelling against greenwashing**, possible role of Product Environmental Footprint
- **Public Procurement**, mandatory Criteria on sustainability, request recycled contents

EURATEX Circular Textiles Strategy 2020





ETP

Fibres Textiles Clothing

EUROPEAN TECHNOLOGY PLATFORM

EU Research Programmes



HORIZON 2020 & COSME – 2020 calls

Topic	Results
CE-FNR-14-2020: Innovative textiles – reinventing fashion	3 projects, starting Q4-2020
CE-SC5-31-2020 - Develop, implement and assess a circular economy-oriented product information management system for complex products from cradle to cradle	2nd stage evaluation results expected in Dec. 2020
CE-SC5-28-2020: Develop and pilot circular systems in plastics, textiles and furniture sectors	2nd stage evaluation results expected in Dec. 2020
CE-SC5-24-2020 - Improving the sorting, separation and recycling of composite and multi-layer materials	2nd stage evaluation results expected in Dec. 2020
COS-CIRCFASH-2019-3-02: Accelerate and scale up innovation applications for a sustainable and circular fashion industry <i>-> small-scale cascading funding for SMEs and start-ups</i>	4 projects accepted, expected start in January 2021

Total funding: up to € 50 million

Last call of H2020



HORIZON 2020 EUROPEAN GREEN DEAL CALL

September 2020

**€1 BILLION
FOR RESEARCH & INNOVATION TO BOOST
THE EU'S GREEN RECOVERY**

10 Broad Topics incl. one relevant for textile circular economy

3. Industry for a clean and circular economy

3.1. Closing the industrial carbon cycle to combat climate change

3.2. Demonstration of systemic solutions for the territorial deployment of the circular economy

Demonstration of systemic solutions for the territorial deployment of the circular economy

- Build sustainable, regenerative and just circular economy to reconcile with the limits and boundaries of our planet;
- focus on local and regional levels as suitable for closing material loops and creating sustainable circular ecosystems;
- demonstrate concrete systemic solutions for the territorial deployment of the circular economy in at least three territorial clusters in Europe;
- facilitate their replication.

Targeted Impacts:

Demonstrate R&I systemic solutions for the territorial deployment of the circular economy at the level of governance closest to citizens:

- increase the clusters' overall resource efficiency and reduce GHG emissions;
- increase circularity in clusters' key economic sectors;
- create jobs and new business opportunities.

Replication:

- lay the foundation for systemic solutions for the territorial deployment of circular economy in other areas;
- multiply the territorial economic, social and environmental benefits provided by each cluster to achieve policy targets at national and European level.

Project funding: € 10-20 million – Total budget for call topic € 60 million

Demonstration of systemic solutions for the territorial deployment of the circular economy

Proposed activities:

- engage, train, support, coordinate and facilitate the cooperation between key actors constituting each cluster: administrations, industry (including SMEs), scientific community and civil society;
- develop and demonstrate science, technology, governance, economic, social and environmental solutions to increase the circularity in key economic sectors such as waste, water, food, feed, wood, terrestrial and aquatic bio-based value chains **textile**, plastics, electrical and electronic equipment, construction and buildings;
- ensure the exchange of relevant information and experiences within and across clusters and also with other actors not involved in the proposals.

Criteria:

- sustainability, inclusiveness, and social justice at the heart of each systemic solution;
- replicability potential of each solution is essential;
- totality of the territorial clusters should reflect a geographical spread within Europe and should be of different sizes and socio-economic structures;
- TRL 7-8 at the end of the project.

Deadline
26 January 2021



Horizon Europe

THE NEXT EU RESEARCH & INNOVATION
PROGRAMME (2021 – 2027)



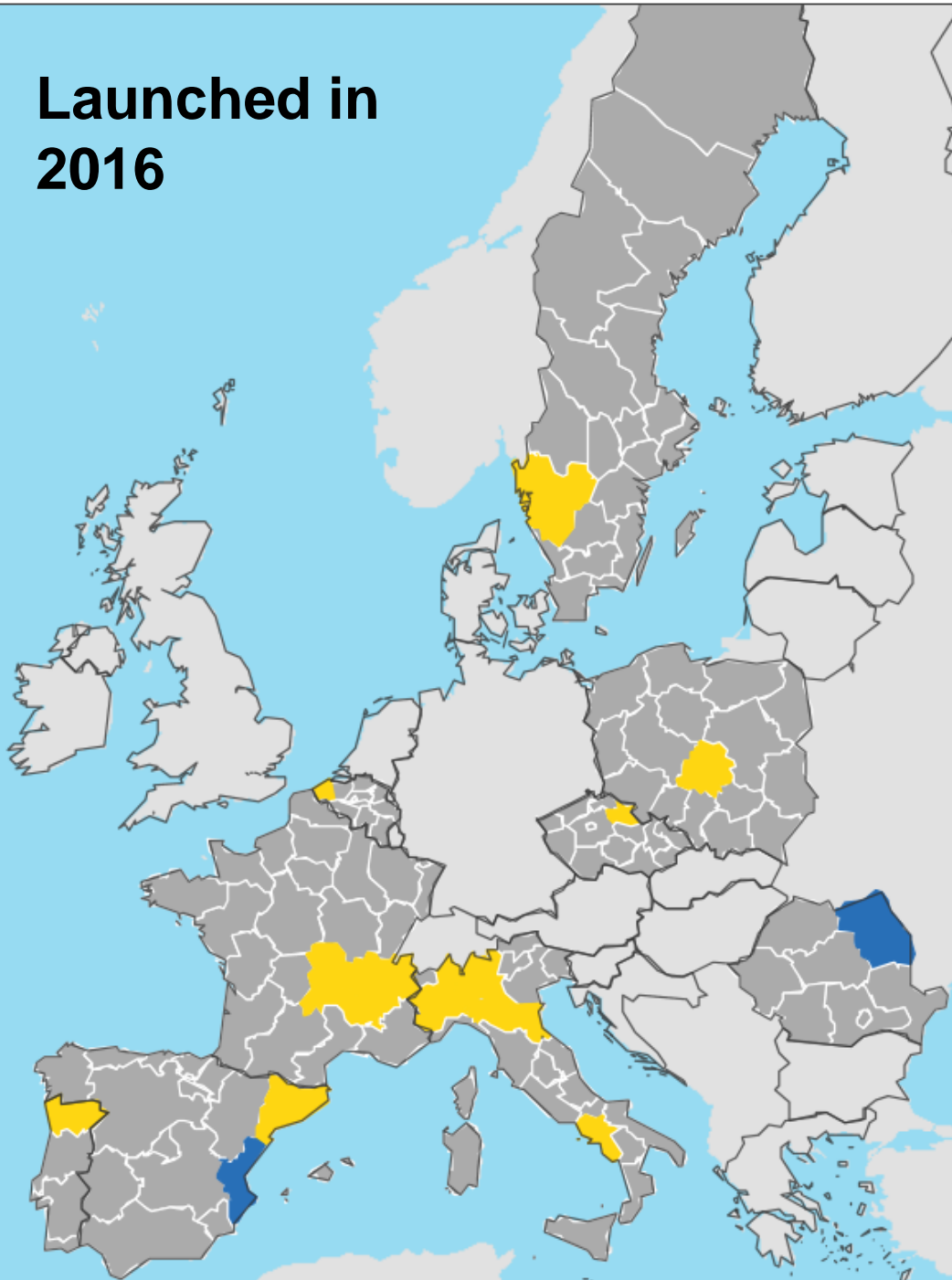
Outlook for 2021

- Budget still under negotiation
- 2 relevant clusters under Pillar **2. Global challenges & industry competitiveness**
 - Cluster 4 'Digital, Industry & Space'
 - Cluster 6 'Food, Bioeconomy, Natural Resources, Agriculture and Environment'
- **First WP 2021-22 drafts** started circulating – calls expected in early 2021
- Valorise work of **ETP Strategic programme “Circular Economy”**
- Make use of **2021 EU Textile Strategy** to impact WP 2023-24

Regional Innovation

Smart Specialisation – RegioTex – Recycling Hubs

Launched in
2016



Legend

RegiTex

SMART REGIONAL INVESTMENT IN TEXTILE INNOVATION

Leading regions:

Valencia (ES)

North-East Romania (RO)

Participating regions

Campania (IT)

Lombardy (IT)

Piedmont (IT)

Emilia Romagna (IT)

Catalonia (ES)

Norte (PT)

Hradec Kralove Region (CZ)

West Flanders (BE)

Auvergne-Rhône-Alpes (FR)

Västra Götalands län (SE)

Lodzkie (PL)

Observer regions:

- Baden Wurttemberg (DE)

- Toscana (IT)

- Puglia (IT)

Regi*Tex

SMART REGIONAL INVESTMENT IN TEXTILE INNOVATION

TOWARDS TEXTILE CIRCULARITY & SUSTAINABILITY



Strategic Thematic Areas (STA)

Sustainability (resource-efficiency and circular economy)

Industry4.0 and new digital business models

Sector diversification (Technical & smart textiles)

Design- and creativity-based innovation

2017 – 2019

Identification of common challenges and preparation of cross-regional investment projects



2020 & BEYOND



Greening Europe, greening textiles



- Technology state-of-the art
- Organisational best practices
- Financial capacities
- Political commitments
- European alliances



CIRCULAR ECONOMY

Strategic programme
by



Bio-Based Fibres

STRATEGIC PROGRAMME BY



Thematic:

Full focus on circular, bio-based textile economy & resilient, regional value chains:

- **Regional textile recycling hubs**
- Bio-based material transition (EU natural fibres and feedstocks)
- Transparent & reactive digital supply chains (mostly in Europe)

Organisational:

- Extend to regions with strong circular or agro-bio smart specialization
- Work bottom up at partner regions to impact Smart Specialisation policies and programmes
- Translate EU capacities and best practices into regional pilots
- Share information, educate and train quadruple helix partners



www.euratex.eu

Thank you for your attention

www.textile-platform.eu

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