

Interreg

CENTRAL EUROPE



CIRCE2020

European Union
European Regional
Development Fund

TAKING
COOPERATION
FORWARD



RETRACKIG - Mid Term Meeting
Venice, 7th March 2019



CIRCE2020 - A CIRCULAR ECONOMY PROJECT GOOD PRACTICES IN GPP APPLICATION



ARPAV - Lucio Bergamin

Expansion of the CIRcular Economy concept in the Central Europe local productive districts



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CENTRAL EUROPE European Union
European Regional
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- Austria
- Croatia
- Czech Republic
- Hungary
- Poland
- Slovakia
- Slovenia
- Parts of Germany
- Parts of Italy



Funding priorities of INTERREG CE PROGRAM



Priority 1
Cooperating on
innovation to make
CENTRAL EUROPE more
competitive



Priority 2
Cooperating on low
carbon strategies in
CENTRAL EUROPE



Priority 3
Cooperating on natural
and cultural resources
for sustainable growth
in CENTRAL EUROPE



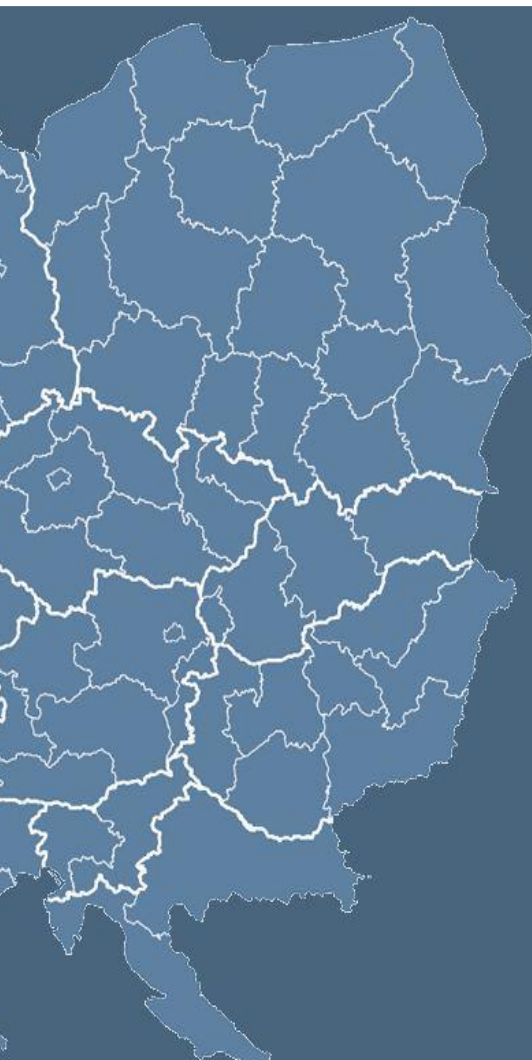
Priority 4
Cooperating on
transport to better
connect CENTRAL
EUROPE



Specific objective 3.1
To improve integrated
environmental
management capacities for
the protection and
sustainable use of natural
heritage and resources.



CIRCE2020 PROJECT PARTNERS

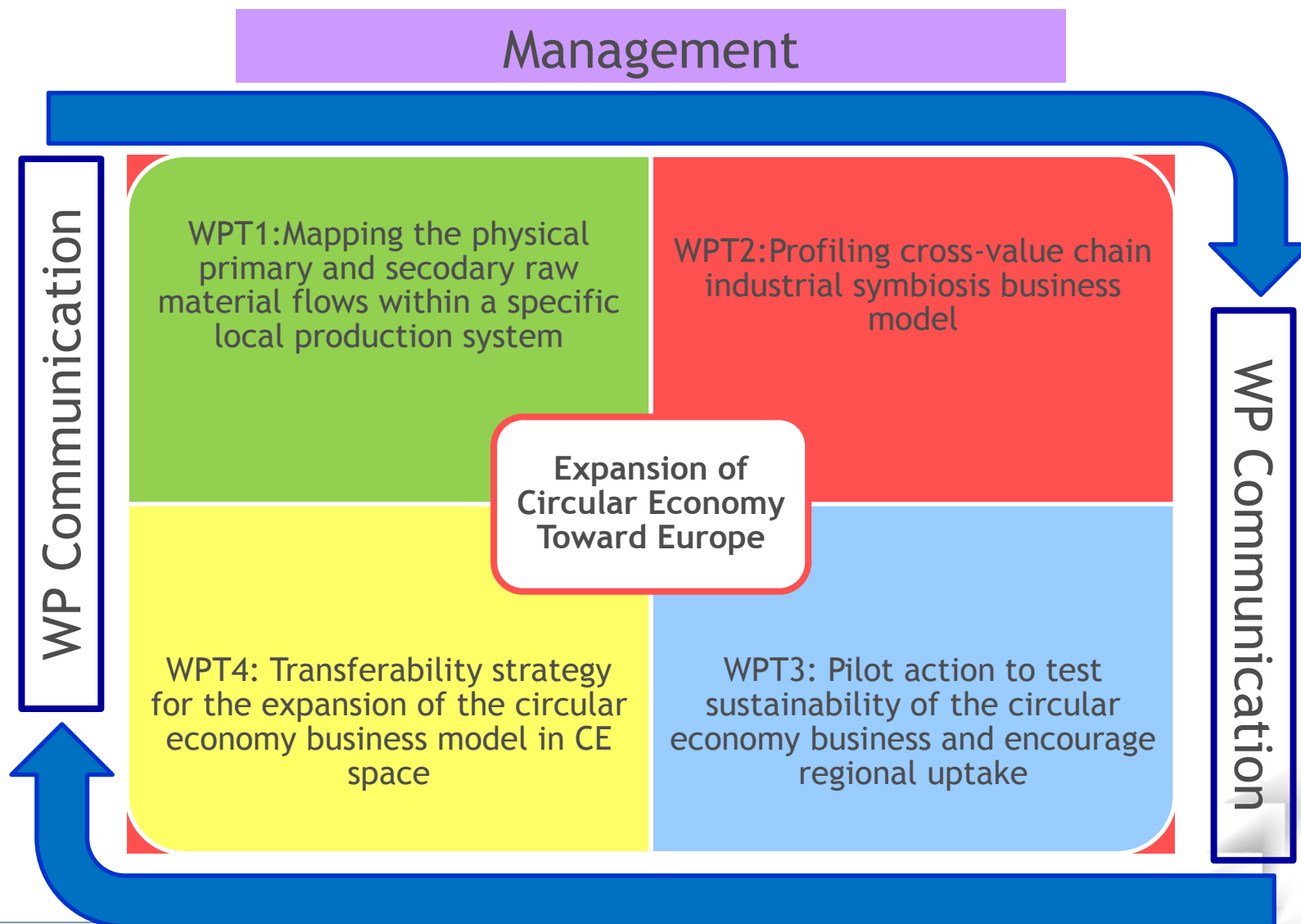


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CIRCULAR ECONOMY PACKAGE



Design

- Focus: WEEE
- Repairability
- Precious materials recovery
- Durability



Production

- Sustainable procurement
- Use of best available techniques
- Industrial symbiosis
- By-products



Consumption

- Green labels
- Incentives
- Programmed obsolescence
- Collaborative economy
- GPP



ONU 2030: the 17 goals for sustainable development



- 17 objectives
- 169 targets
- 240+ indicators



ONU GLOBAL GOALS

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



TARGET 12.1



IMPLEMENT THE 10-YEAR SUSTAINABLE CONSUMPTION AND PRODUCTION FRAMEWORK

Implement the 10-Year Framework of Programmes on Sustainable Consumption and Production Patterns, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries.

TARGET 12.2



SUSTAINABLE MANAGEMENT AND USE OF NATURAL RESOURCES

By 2030, achieve the sustainable management and efficient use of natural resources.

TARGET 12.3



HALVE GLOBAL PER CAPITA FOOD WASTE

By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses.

TARGET 12.4



RESPONSIBLE MANAGEMENT OF CHEMICALS AND WASTE

By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment.

TARGET 12.5



SUBSTANTIALLY REDUCE WASTE GENERATION

By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse.

TARGET 12.6



ENCOURAGE SUSTAINABLE PRACTICES FOR COMPANIES

Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle.

TARGET 12.7



SUSTAINABLE PUBLIC PROCUREMENT PRACTICES

Promote public procurement practices that are sustainable, in accordance with national policies and priorities.

TARGET 12.8



PROMOTE UNIVERSAL UNDERSTANDING OF SUSTAINABLE LIFESTYLES

By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature.

TARGET 12.A



SUPPORT DEVELOPING COUNTRIES' SCIENTIFIC AND TECHNOLOGICAL CAPACITY FOR SUSTAINABLE CONSUMPTION AND PRODUCTION

Support developing countries to strengthen their scientific and technological capacity to move towards more sustainable patterns of consumption and production.

TARGET 12.B



DEVELOP AND IMPLEMENT TOOLS TO MONITOR SUSTAINABLE TOURISM

Develop and implement tools to monitor sustainable development impacts for sustainable tourism that creates jobs and promotes local culture and products.





- 2 training meetings
- 60 participants
- Additional TM scheduled on specific MECs



ITALY LEADER IN EUROPE IN THE REAL IMPLEMENTATION OF THE STRATEGY AMONG THE MOST EFFECTIVE FOR THE REALIZATION OF THE CIRCULAR ECONOMY



MANDATORY GREEN PUBLIC PROCUREMENTS



Ministry Decree 11.04.2008

National Action Plan for GPP



It gives a general view of the Green Public Procurement, defining the national objectives, identifying the most important categories of goods, services and works of intervention for the environmental impacts and the volume of cost, to defining the 'Minimum Environmental Criteria' (MEC)

National Law n. 221/2015

Measures to improve green economy

Ministry Decree 56/2017

Public tender law

Application for all public administrations of Minimum Environmental criteria in public tender for all amount's procurements it's **Mandatory**



MEC - MINIMUM ENVIRONMENTAL CRITERIA

Environmental standards defined for the several steps of the buying process, to find out the project solution, the product or the best service for the environmental profile along the cycle of life, taking into consideration the market availability

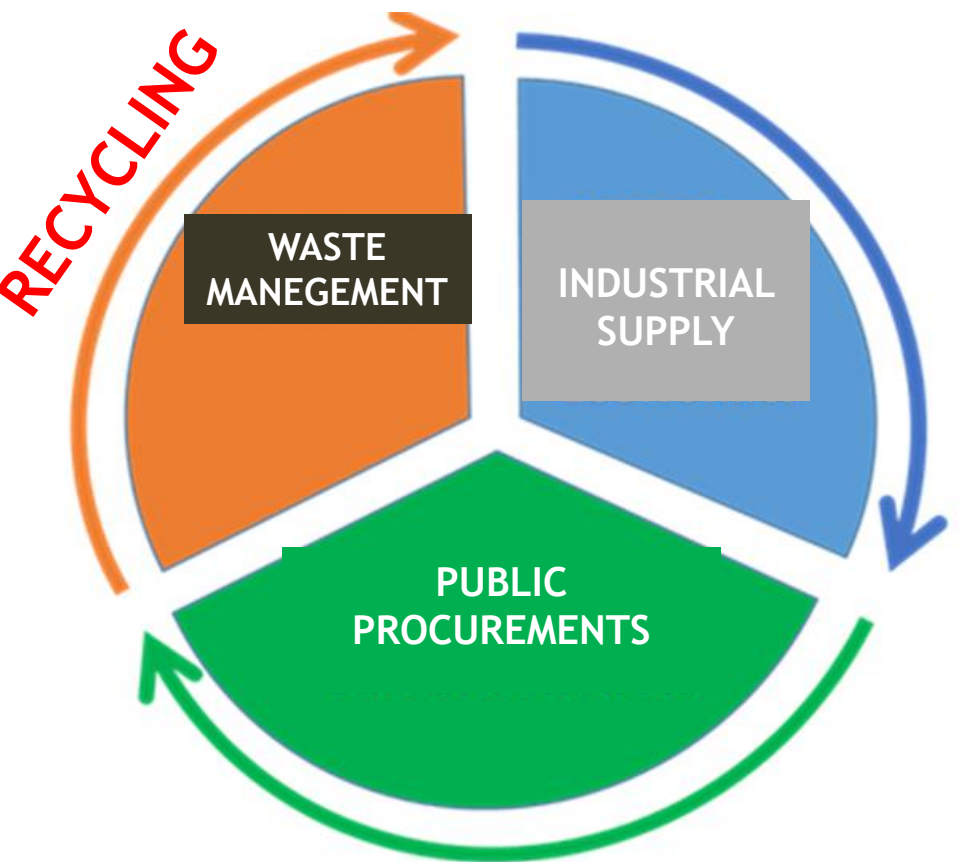
GPP as leverage for the circular Economy

VALORIZATION OF ENVIRONMENTAL QUALITY

RESPECT OF SOCIAL CRITERIA

RAZIONALIZATION OF PUBLIC SPENDING





NEW ENVIRONMENTALLY
SUSTAINABLE AND CIRCULAR
PRODUCTS

MAIN TOOL



**BEST ECONOMICALLY
OFFER**

THE COST OF FULL LIFE CYCLE
use, energy consumption,
maintenance, waste collection,
recycling or dumping)



If GPP widely implemented by PA

MASSIVE INPUT INTO THE MARKET OF PRODUCTS AND MATERIALS THAT COME FROM WASTE RECYCLING



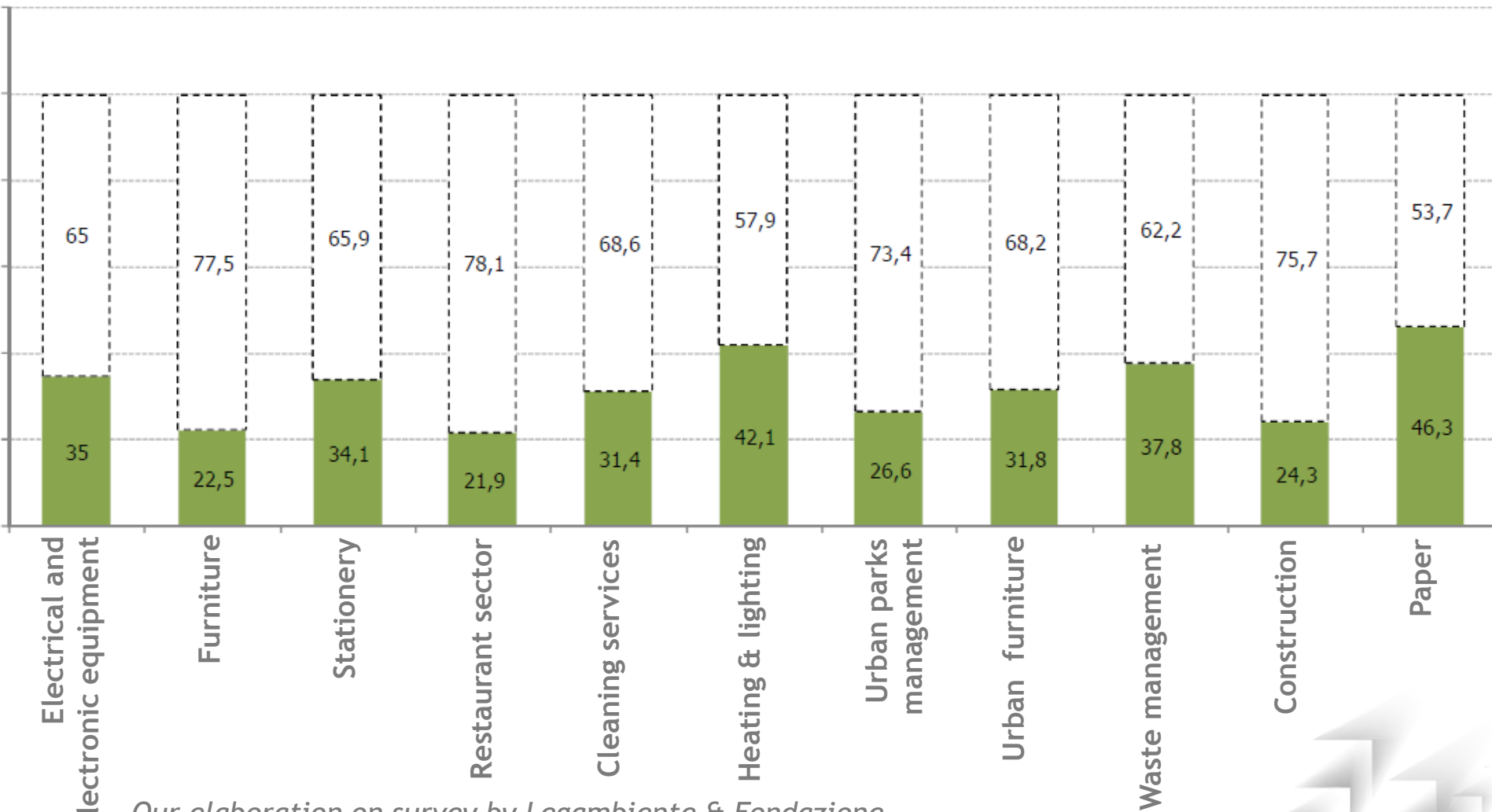
MEC - MINIMUM ENVIRONMENTAL CRITERIA

Product categories

- furniture
 - construction
 - waste management
 - urban and territorial service
 - energy service
 - electronic
 - textile products and shoes
 - stationery
 - restaurant sector
 - buildings management
 - transport
- 18 current MEC
 - 8 MEC under revision
 - 4 MEC under construction



GPP IN VENETO REGION



Our elaboration on survey by Legambiente & Fondazione Ecosistemi (2017)

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Ministry Decree 11.10.2017

Procurement for design & construction services for new construction, renovation and maintenance of public buildings



CH 2.1 CANDIDATES SELECTION



- Environmental management systems are needed
- Human rights and work conditions



CH 2.2 BUILDINGS COMPLEX



- Technical specification for:
- landscape preservation
 - green areas building
 - soil consumption reduction & permeability preservation
 - energy supply
 - water saving
 - ...





Technical specification for:

- energy saving
- energy supply
- water saving
- natural lighting
- natural ventilation
- shielding from sunlight
- acoustic comfort
- end of life



CH 2.4 MATERIALS

MEC	TYPE	Technical specifications
Construction	Whole building	<u>Recycled</u> materials, at least 15% of all
For new buildings, refurbishment, maintenance, construction site	Concrete	Percentage of <u>recycled</u> content; 15% at least
	Brick	Percentage of <u>recycled</u> content; 15% at least
	Wood	Wood from <u>recycling</u> or from responsible management
	Plastics	Percentage of <u>recycled</u> content; 30% at least



CH 2.5 BUILDING SITE



Technical specification for:

- waste from demolition
- materials (see CH 2.4)
- vehicles for transport and other activities with low emissions
- soil & water preservation
- noise control



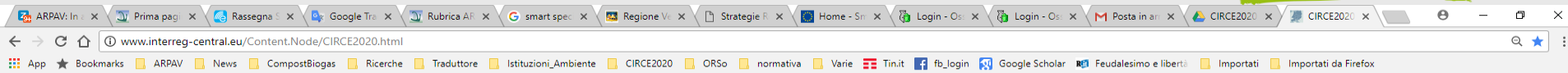
CH 2.6 AWARD CRITERIA



- designer skills
- project performance improvement
- energy consumption monitoring system
- renewable materials
- shorter supply chain
- material flow analysis



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ABOUT

PROJECT PARTNERS

OUR STRATEGY

KEYWORDS

EVENTS

CONTACTS

WHAT IS CIRCE2020?

CIRCE2020 stands for Expansion of the **CIR**cular Economy concept in the **Central Europe** local productive districts

<http://www.interreg-central.eu/Content.Node/CIRCE2020.html>

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MAKE IT CIRCULAR!!!

