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European Union
European Regional
Development Fund

Circular Economy: Benefits and Good Practices for Food Waste

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Bologna's commitment against food waste

SUSTAINABLE DEVELOPMENT GOALS



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS



HARVESTING



TRANSPORT



STORAGE



PROCESSING



13.8%
OF FOOD IS LOST IN SUPPLY CHAINS (2016)

Bologna's commitment against food waste



City of Food
is Bologna

The **BOLOGNA CHARTER AGAINST FOOD WASTE**

a common commitment against food waste, was presented in Bologna in 2014 and signed at the Milan Expo in 2015, putting the fight against food waste at the heart of the priorities of the Italian Government and European Governments.

Bologna's commitment against food waste



Il Mercato Ritrovato, the Farmers Market in Bologna was born in 2008 from a project by Slow Food, Cineteca di Bologna, Città Metropolitana di Bologna and Emil Banca.

The farmer's market is a fixed weekly appointment for the city, with only local and seasonal products, presented by those who produce. Over 50 local producers who sell directly, at fair prices, seasonal products at zero kilometers and the best quality of the territory.

Bologna's commitment against food waste



Since 1998 **Last Minute Market** has been carrying out waste recovery services for large-scale retail trade. Thanks to networking with 350 stores and over 400 third sector entities, LMM currently recovers 55 thousand cooked meals, food products worth € 5.5 million, drugs for € 1,000,000 and more than 1000 tons of non-food products.





Metropolitan City of Bologna leads numerous initiatives to link the fight against **food waste** with promotion of **circular economy** principles: **reduce, reuse and recycle**.



Decrease volume lost to waste, by supporting the quality in agricultural production more than quantity as in organic farming.
MADRE and **SESAME** projects

CESME
Interreg Europe



Create new value from food waste.
CESME and **SinCE-AFC** projects

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Enhancing the Entrepreneurship of SMEs in Circular Economy of the Agri-Food Chain

Duration

Phase 1 2019/2020

Exchange of experience

Phase 2 2022/2023

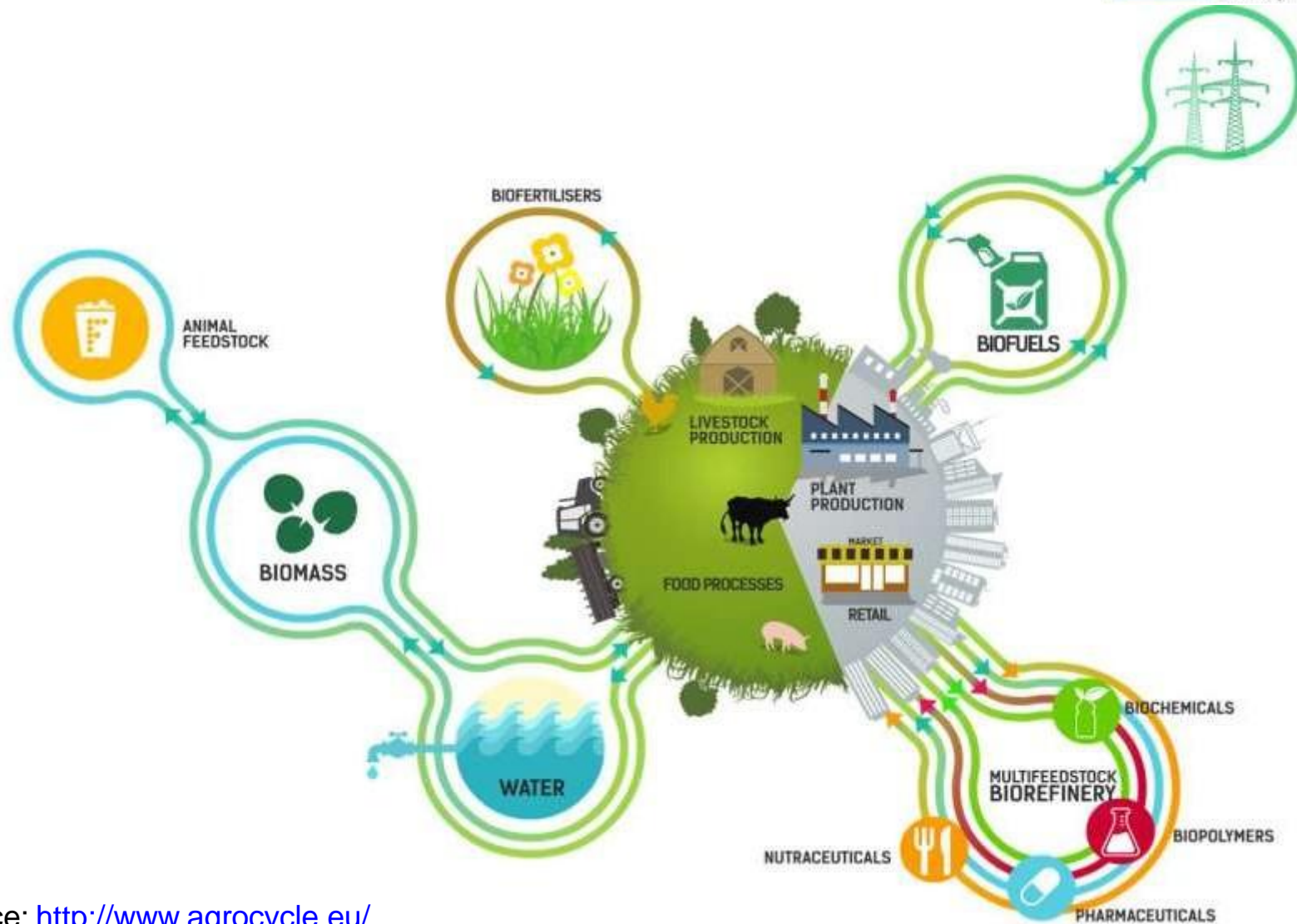
Implementation of
Action Plans

Total Budget 1.500.000€

<https://www.interregeurope.eu/since-afc/>



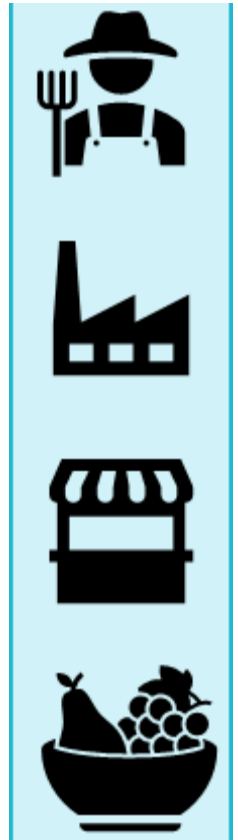
Circular Economy focus



Circular Economy focus

Agrifood Chain Sectors – Indicative Practices

- **Production.** Reduction of the environmental footprint of resources; sustainable use of water; exploitation of residues; alternative markets; etc.
- **Processing.** Industrial symbiosis; exploitation of wastes; sustainable packaging; etc.
- **Products/ Food supply.** Avoid megapacks, change of promotion policies, food saving, composting, etc.
- **Consuming.** Consumers behavior; efficient use of food; composting; etc.





Project Aim

Improve policies in the field of regional innovation strategies by facilitating horizontal mechanisms that **support and enhance SMEs** entrepreneurship in the **Agri-Food sector** through the exploitation of **Circular Economy** opportunities.

Key outputs

- At least 350 stakeholders involved through (7) regional LSGs and consultation processes
- E-book with (at least 42) best-practices of Circular Economy in the Agri-food sector

Challenge

- Unused potential of CE for growth and job creation
- Lack of motivation and support to SMEs in the CE sector
- Need of improvement of SMEs policies and supporting mechanisms

Approach

- Intensive interregional learning process
- Identification of good practices
- Design and set up of regional Action Plans
- Policy Change through policy improvement

Good practices identified

GP1 - Biological District of the Bolognese Apennines



An innovative synergic system for the **sustainable management of local resources**.

Starting from **organic production** and consumption model (short chain, purchasing groups, bio public canteens), the Biodistrict promote the **territory** and an inclusive economic, social and cultural development.

Good practices identified

GP3 - ICESP Italian Circular Economy Stakeholder Platform



The Italian Circular Economy Stakeholder Platform (ICESP) is promoted by ENEA as a mirror initiative and integrated with ECESP (European Circular Economy Stakeholder Platform). ICESP is a **network whose goal is to create a national convergence** on initiatives, experiences, criticalities and expectations **on the circular economy** that Italy should represent in Europe, promoting the **“Italian way of making circular economy”**.

Expected Added Value

for the partner regions in the Agri-Food sector

- Creation of Circular Economy horizontal supporting mechanisms
- More SMEs that make use of the new supporting mechanisms
- More SMEs involved in CE processes



- Improved waste management Skills of SMEs
- New initiatives to simplify the implementation of CE innovation activities
- New start-ups



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Thank you!