



Circularity for the mitigation and the prevention of food waste

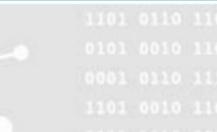
Chiara Nobili, ENEA
Coordinator of AGRIFOOD working group in the framework of the Italian
Circular Economy Stakeholders Platform - ICESP





















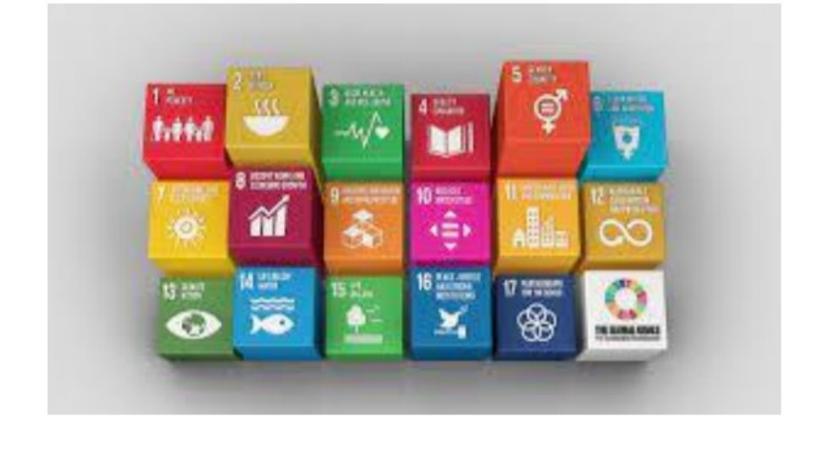




Systemic contradictions in the current Food System that delay its reorientation toward SDGs

- ✓ Low sustainability and resilience of agricultural systems
- ✓ Coexistence in place and time of food waste and hunger
- Malnutrition

The bio economy as a systemic approach for circular transformation







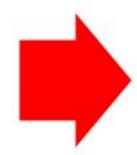




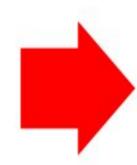
FOOD WASTE

Where it is generated?

primary production



processing



consumption

Solutions/actions

Upcycling (food and non-food ingredients)



Waste management (cascading use of biomass)



Surplus distribution

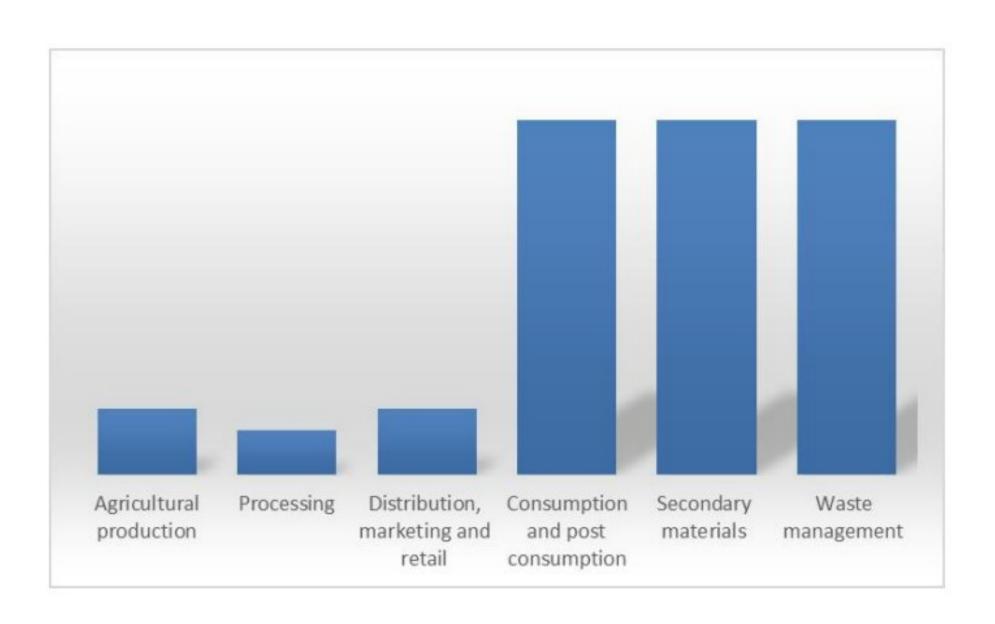
ecodesign

Istruments

platforms, task forces, good practices, start-ups/associations/charities, projects



Circular economy good practices as instruments to counteract food waste



"Gheorghe Asachi" Technical University of Iasi, Romani. CIRCULAR ECONOMY GOOD PRACTICES IN WASTE MANAGEMENT AND PREVENTION IN THE FOOD SYSTEM Chiara Nobili1*, Francesca Cappellaro2 AgriFood Sustainability, Quality and Safety lab, Biotechnologies and Agroindustry Division Department for Sustainability, Italian National Agency for New Technologies. Energy and Sustainable Economic Development. ENEA C.R. Casaccia, Via Anguillarese, 301, 00123 Rame, Baly ²Circular Economy Section, Department for Statistinability, Italian National Agency for New Technologie Energy and Sustainable Economic Development, ENEA C.R. Bologna, Via Martiri Monte Sole, 4, 40129 Bologna, Baly Useful life Sharing, use and Product as a Product end of Inputs life extension consumption service

Environmental Engineering and Management Journal

Frequency distribution of CEGPs in food system phases

Frequency of the distribution of CEGPs in the circularity pillars



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http://www.eemj.icpm.tulasi.ro/; http://www.eemj.eu

AGRIFOOD working group - ICESP



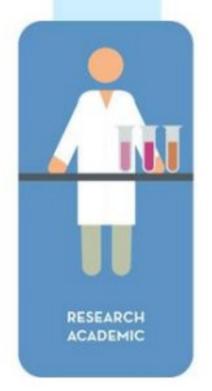
www.icesp.it, info@icesp.it













AGRIFOOD working group priorities

- ✓ Integrated planning and circular urban and territorial management
 - ✓ By-products and recycled products market
 - Eco-design and sustainable consumption models



Together is be

































