The commitment of Intesa Sanpaolo Group in Circular Economy and the role of Circular Economy in food systems

Massimiano Tellini, Global Head – Circular Economy, Intesa Sanpaolo Innovation Center
The commitment of Intesa Sanpaolo Group in the Circular Economy and the role of Circular Economy for Food

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Intesa Sanpaolo Innovation Center
The Circular Economy: a new future-proof value creation model

Linear Economy → RE-THINK & RE-DESIGN → Circular Economy

How long can our Linear Waste Economy continue?

Underpinned by a transition to **Renewable Energy Sources**, the circular model is based on three principles:

- Design out waste and pollution
- Keep products and material in use
- Regenerate natural system
Intesa Sanpaolo and the Ellen MacArthur Foundation

- Dame Ellen MacArthur is a successful solo long-distance yachtswoman. In 2005 she broke the world record for the fastest solo circumnavigation of the globe, a feat which gained her international renown.
- Her Foundation is the world most influential think-tank on Circular Economy.
- They work with Entrepreneurs, Government and Universities to foster world transition towards CE.

Since December 2015, Intesa Sanpaolo Group has become Financial Services Global Partner of EMF Foundation.

The CE100 is a global platform bringing together leading companies, emerging innovators and regions to accelerate the transition to a CE.

Circular Economy: an international mega trend
Circular Economy, Cities & the future of Food System

CURRENT FOOD SYSTEM
- Environmental degradation
- The system is wasteful
- The system is not resilient and does not produce healthy outcomes

CIRCULAR FOOD SYSTEM
- Close loops of nutrients and other materials
- Cascading value from by-products
- Diversity of production
- The power of digitalization

CITIES AND THE CIRCULAR ECONOMY FOR FOOD

Restorative and regenerative urban food systems

1. Provide a diagnosis of current urban food systems
2. Create the design for a regenerative system
3. Start implementing change with the consortium

Role of cities?

Position Paper for WEF in Davos 2019

From: CITIES AND THE CIRCULAR ECONOMY FOR FOOD Project brief
Ellen MacArthur Foundation 2018
€875 bln of circular investments expected by 2025 in Europe

**MOBILITY | 135 €bln**
- modally integrated shared mobility systems
- transitioning to circular car designs
- ramping up the reverse value chain for vehicles through focusing on remanufacturing

**FOOD SYSTEM | 70 €bln**
- fully regenerative agricultural practices
- closing organic nutrient loops
- scaling high-productivity indoor urban farming opportunities
- developing next-wave protein sources

**BUILT ENVIRONMENT | 115 €bln**
- designing and constructing buildings based on CE principles
- closing loops on building constr. and demolition materials
- building circular cities
In a circular economy, food waste is a resource

Some examples from Italian ecosystem

**BioInnoTec** biorefinery which reuse milk whey waste converting it into biomass and proteins

**Rice House** turning waste of local rice supply chain into materials for the Built Environment

**Ecodyger** turning in house organic waste into valuable compost (no chemical additives)

**Pigmento** 100% natural dye from agricultural and alimentary waste

**Due di Latte** organic fabric and textile from milk waste

**My Foody** digital app that foster the redistribution of food surplus in supermarkets

**RecuperAle** turning bread waste and scraps in different variety of beers
Different Stakeholders are involved in the Circular Economy Lab

Intesa Sanpaolo Group
- Retail Division
- Corporate & Investment Banking
- Other business units

Opportunities
- New projects origination
- Positioning/Marketing for prospects and relation enhancement for clients
- Develop of new commercial offer
- Knowledge & training

Companies
- Corporate
- SME

Opportunities
- Development of industrial solutions in the CE field
- Business development and matchmaking
- Access to finance (equity or debt)
- Training for HR and Top Management
If you want to continue this conversation …

Circular Economy Team

“The Circular Economy represents a huge opportunity to reconnect Business & Society, re-thinking financial instruments to support the re-design of the industrial ecosystem”

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... THANKS!