Realising connections among key resource sectors at the city level: the role of policy, technology and tools

Françoise Bonnet, ACR+
Circular Economy: Building efficient strategies at local and regional level

Françoise Bonnet, ACR+ Nice, 25 June 2015
ACR+ Network for local & regional authorities

- +/- 90 members
- 23 countries
- >1000 LRAs

Publications
Conferences
Webinars
News
Circular Economy: Building efficient strategies at local and regional level

Vision for circular economy

Circular Europe Network
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Vision for circular economy

Circular Europe Network
From waste to resources...

Linear economy

- Resources
- Production
- Consumption
- Waste

Chain economy

- Resources
- Downcycling
- Waste
- Consumption

Circular economy

- Upcycling
- Sustainable Consumption

Close the loop!

Better… but not ideal!!!!!
Territorial Hierarchy

WORLD
EUROPE
NATIONAL
REGIONAL
CITY
NEIGHBOURHOOD

SHORT CYCLE FIRST
Multi-R approach

- Redesign
- Rethink
- Remanufacture
- Repair
- Redistribute
- Reduce & Reuse
- Recycle
- Recover (energy)
- Reduce
- Reuse
- Recycle
LRAs at the core of circular economy

Local & Regional Authorities

- Planning
- Green public procurement
- Behavioural change
- Re-use centers
- Selective collection & recycling
- Monitoring control
- Eco-parks SME support
- Subsidies
- Local taxes
- PAYT system

FACILITATORS
Shared governance

LRA

Multi-actors
Multi-services
Top-Down / Bottom-Up
Political
Technical
New business models

- Circular economy
- New business models

Production:
- Extended warranty
- Eco-design
- Territorial Symbiosis
- Product-services systems

Distribution:
- One to one return
- Deposit systems
- Hiring

Consumption:
- Recycle parks
- Repair café
- Sharing
- Reuse centers
Circular Economy:
Building efficient strategies at local and regional level

Vision for circular economy

Circular Europe Network
Circular Europe Network in a nutshell

**Political support**
- Janesz Potocnik (UNEP)
- Antoinette Ghül (Paris)
- Céline Frémaud (Brussels Region)
- Portuguese Minister of Environment

**Advisory Committee**
- Unilever
- European Environmental Bureau (EEB)
- University College of London (UCL)
  - ...

**Cooperation with national networks**
- Fundacion para l'economia circular (Spain)
- IREN (Italy)
- Circle Economy (Netherlands)
  - ...

**Active members & case studies**
- OVAM (Flanders)
- Zero Waste Scotland
- Paris
- Brussels
- ARC (Catalonia)
- LIPOR (Portugal)
- Contarina (Italy)

20 years experience
Objectives of the Circular Europe Network

To help LRAs to develop ambitious circular economy strategies by:
- **Guidelines**: general and thematic (food, legal and economic instruments, C&D, etc.)
- **Factsheets** on case studies and good practices
- **Exchange** of expertise and cooperation
- **Information** about events, publications and activities in Europe
- Regular activities of ACR+ (trainings, projects, conferences, etc.)
General guidelines for Circular Economy planning

- Clarification of concepts
- First steps for a circular economy strategy
- Instruments, cross-sector and thematic measures
- Roadmap and monitoring

Presented during ACR+ General Assembly on 28/5
Illustrated by factsheets of effective strategies
First steps

- Develop a cross-sector approach at the political and technical level
- Identify potential stakeholders
- Identify parallel policy actions in progress or planned
- Establish a diagnosis of the territorial symbiosis
- Gather information on experiences from similar territories
- Organise co-creation
Priority sectors

- Depending on the environmental and socio-economic characteristics of the territory in question

- For sure, at city level: **Food** and **Construction**
Priority sectors: Building

Why?
- Their environmental impacts (cfr e.g. transportation issue)
- Resource and energy use
- Volatility of commodity prices
- Resource constraints
- Stricter landfill requirements (at least in Europe)
- Higher energy efficiency and material targets/standards for building
- Competing uses for materials
Priority sectors: Building

- Disassembly/Recycling
- Local (eco)material resources extraction & processing
- Direct reuse
- Restoration/reovation
- Eco-construction
- Use, maintenance
Priority sectors: Building

Together with its members, ACR+ works on different aspects:

- Industrial Symbiosis
- Sustainable construction (cfr Bussels example)
- Sustainable demolition and restauration
You are welcome to join ACR+!

www.circular-europe-network.eu

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