SPANISH STRATEGIES FOR CIRCULAR ECONOMY

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Fundación para la Economía Circular (FEC)
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About us

- Private Foundation.
- Iberian ambit.
- Supranational projection foundation.
- Formed by a board of members who come from regional administrations with a territorial and political balance.
- Collaborates with world experts, governments, private entities and social agents.
Mission, Vision and Values

- Contribute to knowledge
- Promote solutions
- Carry out studies and research
- Develop projects and logistics, strategic and communication plans
- Organizing public events and training and awareness activities
- Operational independence and innovative spirit
PROYECTS "multi-stakeholders":

- They are annual basis and each one includes five strategic studies on environmental policy issues of great interest for both the public and private sectors, serving as a basis for dialogue.
- They are made with the participation of thirty administrations and public and private entities.
  - Sustainable management of waste in the horizon 2020 (2014)
  - Basis for multi-R concept (2015)
  - **Transit actions to a circular economy (2016):**

- Bio-waste and circular economy
- Construction and deconstruction of buildings and circular economy
- Packaging and recycling economy: eco-design, indicators and over-packaging
- The littering in a context of circular economy
- Position paper on the SDDR
- Selective collection of non-packaging plastic and metal waste
Public Acts

✓ MEETING WITH AUTONOMOUS COMMUNITIES "TERRITORIAL STRATEGIES OF CIRCULAR ECONOMY"
Mataró, October 26th, 2016

✓ MEETING POINT "PROMOTING THE CIRCULAR ECONOMY"
Madrid, September 21st, 2016

✓ INTERNATIONAL CONFERENCE "NOW THE CIRCULAR ECONOMY"
Sevilla, March 16th and 17th, 2016
ACTIVITIES FOR CIRCULAR ECONOMY

- **PRODUCTION**
  - Eco-Design
  - Eco-Permissions

- **ECO-CONSUMPTION**
  - Green Public Procurement
  - Collaborative Consumption

- **INFRASTRUCTURES**
  - Product Reuse Centers

- **NEW BUSINESS MODELS**
  - Industrial Eco-Parks. Territorial Symbiosis
  - Service and Function Based Business
Cross-sectorial approach towards circular economy at political and administrative level

Base line study about the main territorial circularities (local economic metabolism)

Revision of existing plans/programmes/economic incentives in relation with circular economy

Local sectorial priorities: food, construction, furniture, ... 

International benchmarking about local and regional circular economy policies

From waste plans to integrated material ressources strategies

Towards territorial circular economy planning
NATIONAL LEVEL

- National Waste Plan (PEMAR) (2016-2022)
- Waste Prevention Program (27.11.2013)
- Spanish Renewable Energies Plan (2011-2020)
- The National Tourism Plan (2012-2015)
- Smart Cities National Plan (2015 version)
**Smart Cities National Plan:**

**Axis I:** Provide the cities the transformation process to a Smart City, by:
- development and specialization aids.
- standardization, interoperability, reuse and monitoring of the most important initiatives.

**Axis II:** Projects demonstrate the efficiency of Information and Communications Technology (ICT) in reducing costs, improving citizen satisfaction and creating new business models through:
- financial aids
- support measures and public-private cooperation initiatives
- promoting public procurement innovation

→ **Axis III:** Development and growth of the ICT industry
→ **Axis IV:** Communication and dissemination of the Smart Cities National Plan
REGIONAL LEVEL

Several Autonomous Communities are active in the field of circular economy via:

✔ Smart Specialization Strategies
✔ The Integrated Plans for Prevention and Management of Waste

(See for example: La Rioja (1) and Castilla-La Mancha (2) and Comunidad de Madrid (3))

→ Certain Autonomous Communities makes explicit reference to the green or circular economy.

(See for example: Catalonia (4), and the Basque Country (5))
This plan includes, among others, the following **OBJECTIVES:**

- no more than 1 kilo of waste per capita per day
- 60% recycling by 2025; 2% of it focused on recovery for reuse.

Promote waste circular economy through the recovery of about:

- 32,000 tons of urban waste materials
- 65% of electrical and electronic equipment
- 10,000 tons of compost from separate biowaste collection.
2. CASTILLA-LA MANCHA

PREVENTION AND MANAGEMENT OF WASTE PLAN:

- Research and innovation strategy for smart specialization.
- Business Plan “FORWARD”
- Rural development program
- Organic production strategy
- Tourism Strategic Plan
- Internationalization Strategic Plan
- Plans (energy, climate change, hydrology, Natura 2000, ..)
3. COMUNIDAD MADRID

→ STRATEGY OF SUSTAINABLE MANAGEMENT OF WASTE 2017-2024:

• Based on a circular view of the economy in which waste goes from being a problem to become a resource.

• The objective to be achieved in prevention by 2020 is a reduction of 10% by weight of waste generated in 2010.

• Extend product’s life:
  ✓ avoiding obsolescence
  ✓ promoting repair.
  ✓ encouraging second hand markets
  ✓ stimulating product rental services.

• Avoid food waste and encouraging bio-waste management in proximity

• Local authorities’ implementation of their own waste prevention plans in municipalities with over 50,000 inhabitants (83.8% of the population).

• Revising actual Landfill Tax Waste
4. CATALUNYA

→ STRATEGY OF PROMOTING GREEN AND CIRCULAR ECONOMY (26-5-2015):

✓ Align Government's strategy on competitiveness according to the lines of smart, sustainable and inclusive growth which postulates the European Union.

✓ Bring coherence and visibility to the efforts undertaken by the Government on the matter.

✓ Prioritize Government’s future actions.

✓ Increase business leadership and the ability to guide towards a green and circular economy enterprises.
5. VASQUE COUNTRY

**ENVIRONMENTAL PROGRAM 2020:**

Strategic Objective:

"Progressing towards a competitive, innovative, low-carbon and efficient use of resources economy"

**PLAN OF PREVENTION AND WASTE MANAGEMENT 2020:**

- **Reduce 10%** the generation and danger of the total amount of waste by 2020, compared to the results of 2010.
- **Increase** at least up to **75%** selective collection and separation of waste. Increase preparation for reuse, recycling and recovery of waste up to 60% by 2020.
- Optimize waste disposal, eliminating the discharge of primary waste developing the application of the principles of proximity and self-sufficiency.
- Improving information.
- Simplify administration.
- Fostering green market and job creation.
Many cities are active in the field of circular economy (as sustainable or smart cities)

See for example:

- MALAGA ("compact and multifunctional sustainable city,")
- VALLADOLID ("INNOLID 2020")
- BILBAO ("City of Science and Innovation")
Thank you.

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