

BUSINESSEUROPE



CIRCULAR ECONOMIC MODELS

Expert hearing
New sustainable economic models
16 May 2017
JDE 60



What makes an economic model circular?

- Micro-level: Business models minimising use of critical natural resources, nudging consumer behaviour,..
- Macro-level: Supportive regulatory framework



Circular economy industry platform

- Objectives:
 - Showcase good practices industry
 - Highlight challenges (bottom-up, policy-related)
 - Complement Commission/EEESC stakeholder platform
- Launch: 31 May – Green Week

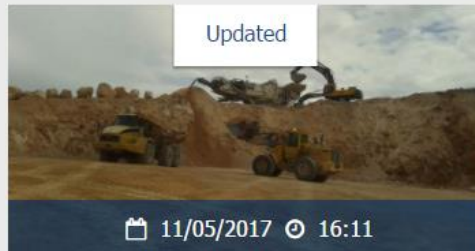


Circular economy industry platform

Circular economy industry platform



Projects



Updated

11/05/2017 16:11

ACCIONA's procurement of materials, waste disposal and earthworks

Implementation of environmental measures related to avoid waste disposal and minimising natural resources consumption through recycling and reusing excavation materials or debris. In particular: – Recycling and reusing excavation materials: R...



Updated

11/05/2017 15:52

ACCIONA's approach to waste and debris management

The trees, shrubs and grass maintenance and conservation tasks generate wood waste such as trunks, branches, leaves and mowing remains. The goal of this initiative is to reuse, recover and vaporisation the maximum volume of plant debris and reduce th...



Updated

11/05/2017 15:50

Fortum's Integrated Circular Economy village in Finland

A combination of waste sorting and recycling facilities which aims to increase the recycling and recovery rate of waste operates in Riihimäki, Finland. This unity is called the Circular Economy Village. It consists of a sorting facility of mixed was...



Good practices circular economic models

- **Cement:** Sorting/reusing demolition waste; co-processing cement wastes
- **Chemicals:** Substitution of wood products for recycled plastic products (pellets), catalysts for turning cooking oils into biodiesel
- **Cross-industry:** Industrial symbiosis (fertilisers-horticulture)
- **Mining, metals, minerals:** Mining waste as stope backfilling, reusing abandoned mining waste
- **Steel:** Ethanol from steel mill gas, plastics from steel gases by-products



Challenges circular economic models

- Bottom-up:
 - Financial challenges
 - Innovation challenges
 - Quality/quantity challenges
- Policy-related:
 - Lack of harmonisation/implementation
 - Definition of waste
 - Cross-border shipments



Conclusions

- Business fully onboard
- Circular economic models vary by sector
- Policies must be fit-for-purpose
- Challenges are not just policy-related



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Thank you

