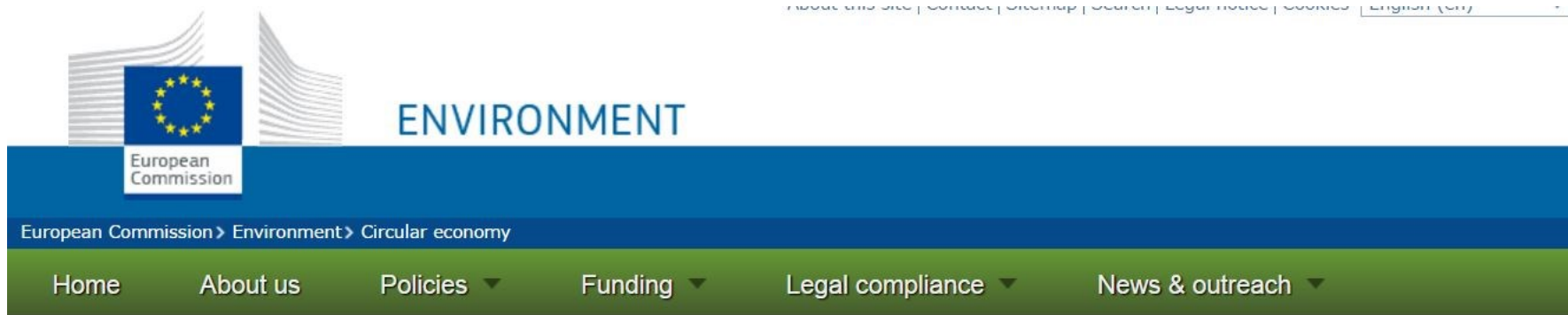




Circular Economy – initiatives



Circular Economy Strategy



Closing the loop - An EU action plan for the Circular Economy

The European Commission adopted an ambitious **Circular Economy Package**, **which includes revised legislative proposals on waste** to stimulate Europe's transition towards a circular economy which will boost global competitiveness, foster sustainable economic growth and generate new jobs.

The Circular Economy Package consists of an [EU Action Plan for the Circular Economy](#) that establishes a concrete and ambitious programme of action, with measures covering the whole cycle: from production and consumption to waste management and the market for secondary raw materials. The [annex to the action plan](#) sets out the timeline when the actions will be completed.

The proposed actions will contribute to **"closing the loop" of product lifecycles through greater recycling and re-use, and bring benefits for both the environment and the economy.**

The **revised legislative proposals on waste** set clear targets for reduction of waste and establish an ambitious and credible long-term path for waste management and recycling. Key elements of the revised waste proposal include:





Circular Economy – initiatives

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NATURE | COMMENT

Circular economy: Lessons from China

John A. Mathews & Hao Tan

23 March 2016

The country consumes the most resources in the world and produces the most waste — but it also has the most advanced solutions, say John A. Mathews and Hao Tan.

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Subject terms: Economics · Society · Materials science · Policy



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L'économie circulaire, combien d'emplois ?

NOTE D'ANALYSE

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L'économie circulaire, combien d'emplois ?

L'économie dite « circulaire » vise à réduire notre consommation de ressources naturelles et ses impacts environnementaux. Cette note tente d'évaluer les performances françaises en la matière ainsi que les effectifs d'emploi concernés.



Standards and the Circular Economy

bsi.

Waste prevention and the circular economy report
April/May 2014

Waste prevention and the circular economy

Due diligence research report

...making excellence a habit™

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Economie circulaire

Mars 2016
Cycle de web conférences

Conférence n°2
la réglementation et les normes volontaires de
l'économie circulaire

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Standards and the Circular Economy

L'ECONOMIE CIRCULAIRE, UNE THÉMATIQUE QUI MONTE

ECONOMIE CIRCULAIRE

Trois domaines d'action

Sept piliers

ADEME





ISO Standards related to the circular economy

Examples: General horizontal standards

ISO/TC 207 Environmental management

ISO 14000 series (environmental management) – including in particular:

ISO 14001:2015 – Environmental management systems -- Requirements with guidance for use

ISO 14044:2006 – Environmental management -- Life cycle assessment -- Requirements and guidelines. ISO 14044:2006 specifies requirements and provides guidelines for life cycle assessment (LCA).

ISO 14046:2014 – Environmental management -- Water footprint -- Principles, requirements and guideline. ISO 14046:2014 specifies principles, requirements and guidelines related to water footprint assessment of products, processes and organizations based on life cycle assessment (LCA).

ISO 14064 series. The ISO 14064 standards for greenhouse gas accounting and verification in 2006 by ISO (International Organization for Standardization) provide government and industry with an integrated set of tools for programmes aimed at reducing greenhouse gas emissions, as well as for emissions trading

ISO/TS 14067:2013 Greenhouse gases -- Carbon footprint of products -- Requirements and guidelines for quantification and communication

ISO/AWI 14080 Greenhouse gases management and related activities -- Framework and principles for methodologies on climate actions



ISO Standards related to the circular economy

General horizontal

ISO/TC 301 Energy management and energy savings

ISO 50001:2011 – Energy Management System -- Requirements with guidance for use. ISO 50001:2011 specifies requirements for establishing, implementing, maintaining and improving an energy management system, whose purpose is to enable an organization to follow a systematic approach in achieving continual improvement of energy performance, including energy efficiency, energy use and consumption.

ISO 50000 series – complement ISO 50001 providing requirements and guidance for audits, organizations conducting audits, principles and guidance to measure energy performance, etc.

ISO 17743:2016 – Energy savings -- Definition of a methodological framework applicable to calculation and reporting on energy savings.

ISO/CD 50049 – Calculation methods for energy efficiency and energy consumption variations at country, region and city levels: relation to energy savings and other factors

ISO/TC 34/SC 17 Management systems for food safety

ISO 22000 series – Food Safety Management System that can be applied to any organization in the food chain, farm to fork. The series contains a number of standards each focusing on different aspects of food safety management.



ISO Standards related to the circular economy

Examples: committees focused on sector or domain specific issues

ISO/TC 59 - Buildings and civil engineering works

ISO 15392:2008 – *Sustainability in building construction -- General principles*

ISO/TS 12720 – *Sustainability in buildings and civil engineering works — Guidelines on the application of the general principles in ISO 15392*

ISO/TC 266 - Biomimetics

ISO/TC 268 - Sustainable cities and communities

ISO 37120:2014 – *Sustainable development of communities -- Indicators for city services and quality of life*

ISO/PC 277 Sustainable procurement

ISO/TC 282 Water reuse

ISO/PC 287 Chain of custody of wood and wood-based products



ISO Standards related to the circular economy

Examples of other ISO committees / standards

ISO/PC 308 Chain of custody

ISO 30000:2009 Ships and marine technology -- Ship recycling management systems -- Specifications for management systems for safe and environmentally sound ship recycling facilities

ISO 21070:2011 Ships and marine technology -- Marine environment protection -- Management and handling of shipboard garbage

ISO/WD 24526 – under development – Water efficiency management systems -- Requirements with guidance for use