

The circular economy package: outcomes and opportunities

The States General of the green economy 2016

Adrian Deboutière

Institut de l'économie circulaire



What is the *Institut de l'économie circulaire* ?

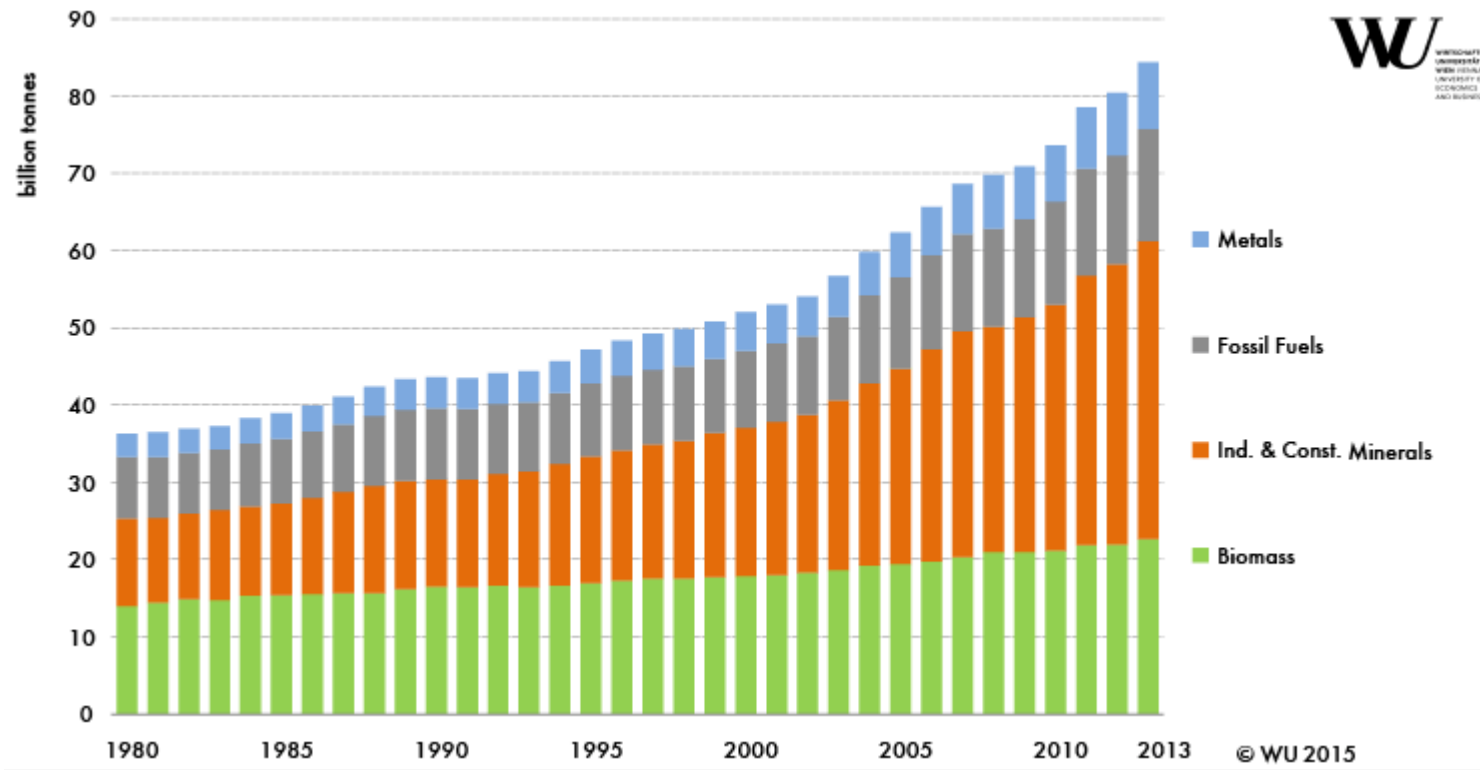
French multi-stakeholders think-tank gathering 250 members :

- Companies
- Public and Local Authorities
- Political and Academic Personalities
- NGOs

3 action levels :

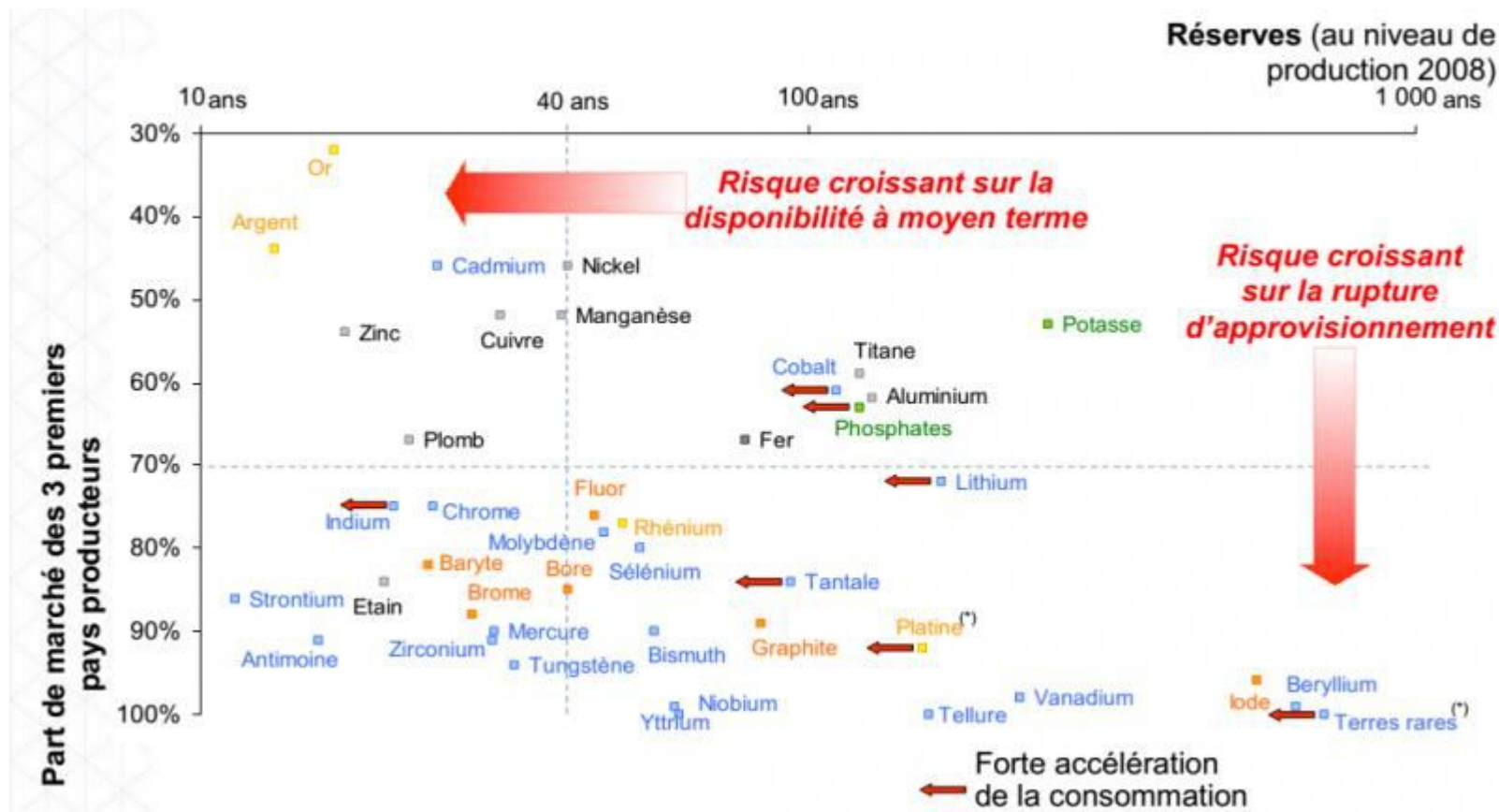
- Studies and Workshops
- Communicate and Influence
- Projects / Experimentation

Resource consumption



Source : Wirtschafts Universität Wien, Global material extraction by material category, 1980-2013, <http://www.materialflows.net/>

Resource depletion



Graphic on critical raw material resources (Source : USGS in ADEME, 2014)

Which jobs in a circular economy ?

Number of jobs created for 10kt of managed waste (Source ADEME, 2013)

Waste Management	Number of full-time jobs
Waste disposal / Landfill	1
Incineration	3 to 4
Compost / methanisation	11
Deconstruction / Remanufacturing	50

Job creation potential in a circular economy

EU / Country	Hypothesis	Additional Jobs
EU (GWS, 2012)	- 17 % natural resources consumption	1,4 to 2,8 millions
EU (Cambridge Eco. 2014)	+ 30 % resource productivity (2030)	2 millions
UK (WRAP, 2015)	High implementation of product-service system, recycling, <i>remanufacturing</i> , reuse, biofuels	517 000
Netherlands (TNO, 2013)	Metals, WEEE, Food and agriculture	54 000

Socio-economic and environmental benefits

Source : Club of Rome, 2015. The Circular Economy and Benefits for Society

Country	GHG Emission Reduction	Additional Jobs	Trade Balance Effects
France	- 66%	+ 500 000	+ 2,5% of GDP
Netherlands	- 67%	+ 200 000	+ 2,5% of GDP
Spain	- 69%	+ 400 000	+ 2% of GDP
Sweden	- 66%	+ 100 000	+ 1,5% of GDP
Finland	- 68%	+ 75 000	+ 1,5% of GDP



Position paper of the *Institut de l'économie circulaire* on the circular economy package

Key points of the circular economy package :

- Awareness on all product life-cycle stages
- Improve EPR schemes
- Reinforce consumer information on product sustainability
- Simplification of EoW criteria
- Harmonise calculation methods for recycling rates and define realistic targets
- Support innovation for circular economy



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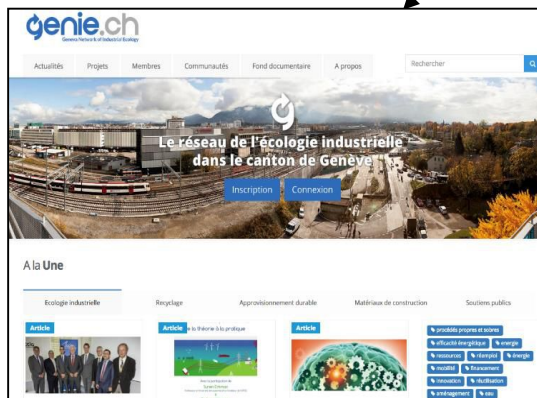
Additional measures :

- Impose a resource efficiency binding target
- Promote an incentive tax framework
- Set circular economy criteria for public procurement
- Suppress direct and indirect subsidies harmful for environment
- Measures intended to develop reparation and reuse
- Develop cooperation between private and public actors
- Promote use-centred new business models

Act at the territorial level

Circular economy platform :
Sharing best practices

www.economiecirculaire.org
Institut de l'économie circulaire
CIRIDD



Act at the territorial level

- Experimental program on industrial symbiosis
- 4 regions
- 16 workshops



PNSI

PROGRAMME NATIONAL DE
SYNERGIES INTER-ENTREPRISES

Intermediate results :

	Total (12 workshops)	Average per workshop
Companies	441	37
Resources	3 082	257
Symbiosis opportunities	6 035	503

