

Bioeconomy Strategy And Action Plan

In the framework of Europe 2020, the Strategy "Innovating for Sustainable Growth: a Bioeconomy For Europe" promotes sustainable production of renewable resources from land and sea and their conversion into food, bio-based products, biofuels and bioenergy.



Bioeconomy: What to do?

INVESTMENTS IN RESEARCH, INNOVATION AND SKILLS

 Making a better use of funding opportunities, in particular with Horizon 2020
 €4,7 Billions proposed in Horizon 2020 (approx. 150% increase

compared with FP7). Some regions underperforming despite great bioeconomy potential \rightarrow further support needed for researchers, industries, SMEs to integrate into newtorks.

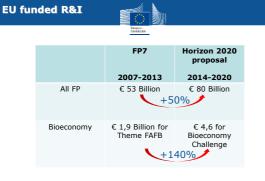
- Developing bio-clusters to support innovation Bio-Clusters (e.g., Association Industries et Agro-Resources in Champagne region; Zuid-Holland – Flanders biocluster) are at the
- crossroads between research and industry: they are key to innovate. Interaction and coordination between industry, universities/schools, local governments is needed.

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 Supporting trainings/entrepreneurial skills development Skills Forum Conference (4th quarter 2012/1st quarter 2013)

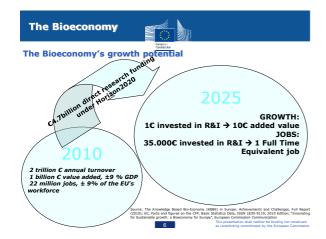
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+ industrial leadership; Marie Curie actions; RSFF; ... 5

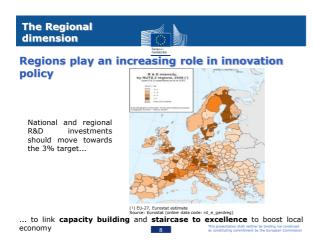
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Bioeconomy: What to do? Developing a coherent policy framework and ensuring policy interactions • Developing a coherent policy framework and ensuring policy interactions European Commission is building an interaction mechanism (Bioeconomy Panel) at EU level. • Making a coherent use of all available instruments Horizon 2020, Cohesion policy, National fundings, ... • Developing smart specialization strategies in the bioeconomy Strategies to prioritize investments in R&I in order to develop national/regional comparative advantages. WP2013 draft topic on "Bioeconomy and Bioregions" will develop tools and methodologies to help regions develop SSS. • Support the development of National Strategies Some Member States (DE, DK, FT, IE, NL, SE) have already launched national strategies, some others are developing one.

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Bioeconomy:		
What	to do?	

ENHANCEMENT OF MARKETS AND COMPETITIVENESS IN **BIOECONOMY SECTORS**

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Developing biorefineries networks Building capacity by facilitating scale-up of (pilot/demo) biorefineries (e.g. Inbicon in Kalundberg, G&M in Crescentino) and creating a network of small and large biorefineries. Developing supply chains for feedstock (including residues and waste): logistics, collection and treatment plants, facilities in harbours, ... Supporting the development of bioindustries with dedicated PPPs.

Supporting innovative solutions for existing industries, such as

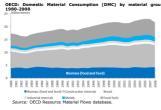
the food industries solutions for existing industries, such as Reusing food waste for producing bio-based plastics (e.g. ANIMPOL project), improving resource efficiency of food production processes (e.g. HIGHTECH EUROPE project), becoming more sustainable (e.g. BIONEXGEN project) and reducing food waste, water and energy use (e.g. WP2013 draft topic: reducing water and energy use in food progressing) (e.g. WP20 processing).

Promoting public procurement targeted at biobased products WP2013 draft topic: catalogue of bio-based products (to be used for public procurement) 10 The presented on all not be biologies Common

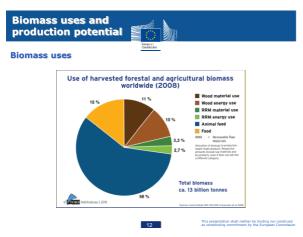


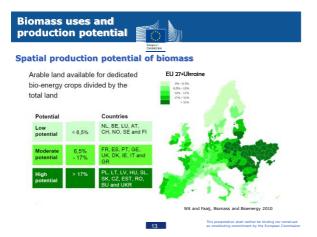
Building competitive Bio-based industries in Europe: Growth and jobs - innovation-driven

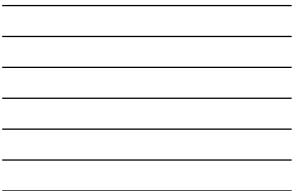
Research and Innovation will play its role in balancing European economy de-materialization. ial Consu nption (DMC) by material group



Research and Innovation will enable European Industry to launch new products, improve industrial processes and become more sustainable This pre as cons 11









 More info on the Bioeconomy at: <u>http://ec.europa.eu/research/bioeconomy</u>

 FP7 FAFB Orientation Paper 2013 now available at: <u>https://ec.europa.eu/research/participants/portal/</u> <u>page/fp7_documentation</u> → Orientation papers 2013 → Cooperation

• 10 July: Publication of 2013 Call

 More info on EU2020 and Horizon 2020 at: <u>http://ec.europa.eu/europe2020/index_en.htm</u> <u>http://ec.europa.eu/research/horizon2020/index_en.cfm</u>

 More info on EU Budget – Myths and Facts: <u>http://ec.europa.eu/budget/explained/myths/</u> <u>myths_en.cfm</u>
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