

## EU Bioeconomy Strategy Review and update

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## **Bioeconomy**

"The production of renewable biological resources and the conversion of these resources and waste streams into value-added products, such as food, feed, bio-based products as well as bio-energy"

- > 2 trillion turnover
  - > 18 million Jobs

### EU 2012 Bioeconomy Strategy + Action Plan



### Coherent policy framework

Bioeconomy Strategy					
Tackling societal challenges					
Ensuring food security	Managing natural resources sustainably	Reducing dependence on non-renewable resources	Mitigating and adapting to climate change	Creating jobs and maintaining European competitiveness	

3 areas of action, including 12 actions & 54 sub-actions

5 objectives

Bioeconomy Action Plan						
Area 1	Area 2	Area 3				
Investments in research, innovation and skills	Reinforced policy interaction and stakeholder engagement	Enhancement of markets and competitiveness in bioeconomy				

Coherent policy framework

### 2017 Bioeconomy Strategy Review Staff Working Document



### The findings in a nutshell....

#### **Investment in R&I**



- Horizon 2020
  (€3,8b SC2)
- Increase multidisciplinary & crosssectoral R&I
- ESIF Smart Specialisation

**EFSI** 

## Policy interaction & stakeholder engagement



- EU Policy coherence
- Development of regional and national bioeconomy strategies
- Bioeconomy Panel
- Bioeconomy observatory
- International cooperation

# Enhancement of markets & competitiveness in bioeconomy



- Sustainable intensification of primary production
- Expansion of new markets
- Increase EU competitiveness
- BBI JU





### 2017 Bioeconomy Strategy Review Staff Working Document

- R&I investment in bioeconomy doubled from FP7 to Horizon 2020
- Bio-based industries PPP with a total of € 3,7b investment developing transformative technologies
- Bioeconomy policies taken up in MS, regions, cities ...
- Further mobilisation of investment needed
- Policy coherence needs to be better addressed
- Current policy context (CE, SDGs, Paris,...) highlights need for a sustainable, circular bioeconomy
- Better monitoring and assessment frameworks needed (biomass supply/demand)



# Revision of the Bioeconomy Strategy – political mandate

Industrial Policy Communication of 13 September 2017

CWP 2018

Circular Economy action plan 2015, with ENV Council 2016
 Conclusions asking for an update of the Strategy



# Revision of the Bioeconomy Strategy – way forward

- 'Bioeconomy Policy Day' CHAR, 16 Nov 2017
  - □ Presentation of SWD followed by discussion sessions led by relevant DGs; looking forward
  - Session on Bioeconomy Stakeholder Manifesto

 …Revised Strategy and Action plan envisaged for autunm 2018



# Revision of the Bioeconomy Strategy – new policy context

#### **Juncker Priorities**



#### **SDGs Post-2015**

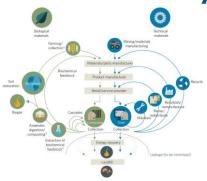




#### COP21



### **Circular economy**



### **Energy Union**



### **Smart Specialisation**





### Thank you for your attention!



For more information:

www.ec.europa.eu/research/bioeconomy