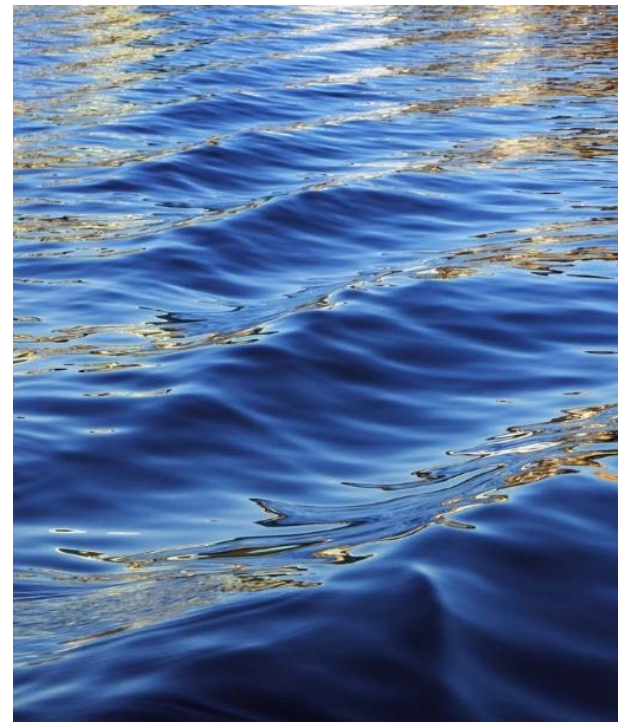


The future research and innovation agenda: Priorities of the EU Bioeconomy Stakeholders' Panel

Christine Bunthof, Panel member

CASA SCAR National Meeting Greece
Premises of Forest Research Institute, Athens
24 May 2018



The European Bioeconomy Panel

Context: Bioeconomy Strategy; EU Bioeconomy Action Plan (2012)



Investment in R&I



Horizon 2020: 3.8 bn €
Increase multi-disciplinary
& cross-sectoral R&I
ESIF - Smart Specialisation
EFSI

Policy interaction & stakeholder engagement



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

Enhancement of markets and competitiveness in bioeconomy



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

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Sustainable intensification of
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Expansion of new markets
Increase EU competitiveness
BBI JU

Mandate for the panel 2013-2015:

- (1) **reflect** on implementation of Bioec. Strategy (to reinforce interactions, improve coherence and synergies);
- (2) **suggest and foster European joint actions** and measures in the domain of bioeconomy;
- (3) encourage the creation of **bioeconomy panels at national and regional level**. Support exchange of best-practices between new and established bioeconomy strategies;
- (4) **monitor and evaluate progress of the Bioeconomy Strategy implementation** in a systematic manner, working closely with the Bioeconomy Observatory and other initiatives relevant to the bioeconomy.

The European Bioeconomy Panel (first panel, 2013-2015)

Call > candidates. Panel of **30** members, installed for a period of 2 years (2013-2015)

10 from national administrations,

20 from relevant stakeholder groups:

- i) European industrial sector associations or companies;
- ii) Universities, research organisations and the scientific community;
- iii) European associations covering the farming, forestry and fishery sectors; and
- iv) Non-governmental organisations

The European Bioeconomy Panel (first panel, 2013-2015)

Meetings 2013

17 Sept 2013 Co-chairs: DG RGD & DG AGRI

Welcome video message Commissioner MGQ, Lithuanian Presidency, MEP, CoR, EESC;
Draft workplan of Panel ; themes for TWGs; Bioeconomy Observatory,

12-13 Feb 2014 Co-chairs: DG RGD & DG Enterprise and Industry

Review of Implementation of Bioeconomy Strategy ; stakeholder hearing trade unions and workers ; discussions with SCAR ; discussion with Commissioner (head of cabinet W Kuett replaced) ; TWG biomass supply and presentation of cases ; TWG market making and presentation of cases ; Bioeconomy Observatory

10-11 Sept 2014 Co-chairs: DG RGD & DG Energy

EU bioenergy policy ; stakeholder hearing environmental NGO's ; TWGs discussion and approval of conclusions ; JRC activities in bioeconomy including observatory ; discussion on targets for development of bioeconomy ; the land-sea continuum and policy implications (blue bioeconomy)

11-12 March 2015 Co-chairs: DG RGD & DG Environment

Review of Implementation of Bioeconomy Strategy ; Synergies with other Commission initiatives (WG Biobased products, European Resource Efficiency Platform ; initiative on natural capital ; Bioeconomy Observatory ; SCAR Foresight ; Bioeconomy Investment Summit ; Follow up of the papers ; future of bioeconomy panel

Two Working Groups established who met to discuss in more depth two issues.

Publications ➤ TWG Biomass Supply. Report + Case Studies
➤ TWG Market making. Report

Presented at



European Bioeconomy **Stakeholders'** Panel (second panel 2016 -)

New call for application

Composed of 29 members from:

- NGOs and Trade Unions
- Regions and regional organisations
- Technology platforms
- Academia
- Industry and Sector federations

Pan-European and from approx. 18 member states

Key activities

Manifesto

Action lines: circular economy
regions

awareness raising
education and training



THE STAKEHOLDERS' MANIFESTO



Origins of Manifesto

Based on the building blocks from the 4th bioeconomy stakeholders conference, Utrecht

Dutch Presidency process:

Interviews with stakeholders active in the bioeconomy

2 stakeholder meetings in Brussels (2016)

Email consultation with the broader stakeholder community

Breakout group discussions to form content for building blocks document at the Utrecht conference

Recirculation of the document to conference attendees for further input



Handing over of the resulting document to the Bioeconomy panel at their meeting on 17 June 2016

Process for review and finalisation

Creating a **Manifesto**

based on the building blocks from the 4th bioeconomy stakeholders conference, Utrecht

Steps:

Panel discussion on approach towards finalisation:

- Collection of additional stakeholder input to manifesto
- Assembly of editorial team
- Finalisation and circulation for internal and external endorsement



Fully finalised for
'Bioeconomy Week'
16 November 2017



Manifesto content



Introduction

- Who we are
- What is the Bioeconomy
- Why we need the Bioeconomy
- What is the purpose of this manifesto

Guiding principles

Addressing Societal and Environmental Challenges:

- Resource use within the limits of the planet
- Mitigating Climate Change
- Producing for people
- Sustainable management of resources

Facilitating Innovation and Business Opportunities:

- The Bioeconomy needs a stable and predictable legal framework
- Cooperation between sectors and along value chains creates synergies and critical mass
- Long-term research and innovation agenda
- Importance of regional strategies and rural renaissance

Manifesto Actions



- Enhancing Education, Training and Skills
- Aligning open sciences and research programmes
- Bridging the innovation gap with public-private partnerships
- Embracing the circular economy
- Strengthening the regional Bioeconomy and inter-regional cooperation
- Raising public awareness and improving communication
- Establishing socio-economic monitoring systems for the Bioeconomy
- Promoting biomass availability
- Researching and assessing biomass potentials

Recommendations to EU Policy Maker and Member States



- Support Market Creation
- Common Agricultural Policy
- Biodiversity and environmental safeguards
- Invest in the future of the Bioeconomy
- Support frontrunners and innovators
- Establish a level playing field
- Strengthening the coordination within the Commission's services

Presentation at bioeconomy policy day 16 Nov 2017



How is the Manifesto now being used?



- Benchmark of current areas of consensus and contention for the EU Bioeconomy Stakeholders' Panel
- Outline of opportunities and challenges of developing the Bioeconomy further
- Trigger for future discussions in member states, regions, and rural, coastal and urban communities
- Provide input for consideration in revision of Bioeconomy Strategy
- Stimulus for work on future action areas

Action areas

- Regions
- Awareness raising
- Education and training
- Circular bioeconomy

One-pager action proposals on

- | | |
|--|---|
| <ul style="list-style-type: none">➤ Bioeconomy curricula (networking universities, industries and other stakeholders)➤ Bioeconomy journey programme➤ Interreg proposal on bioeconomy➤ Biobased public procurement | <ul style="list-style-type: none">➤ Liaison with circular bioeconomy stakeholders panel➤ Bioeconomy Day all over Europe➤ Mobilizing and engaging regional actors➤ Panel meetings + study visits in the regions |
|--|---|

Research and Innovation priorities

R&I are cornerstones for transition !

- Potential of natural resources
- Impacts to ecosystem
- Societal transition
- ❖ New concepts, processes, products
- ❖ Smart connections. P2P, PPP, global, ..
- ❖ Interdisciplinarity, smart specialisation

Manifesto Guiding principles

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Technological

Societal

New business models New community models

Manifesto Guiding principles

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The image features a central silhouette of a person standing in a brightly lit doorway. The background is a dark, chalkboard-like surface filled with various white line-drawn icons and text. To the left of the doorway, there is a circular flow diagram with letters A, B, and C, a lightbulb labeled 'IDEA', a thumbs-up icon, a magnifying glass, a laptop, an open box, and a head profile with a question mark. Below these is the text 'Think outside The box'. To the right, there are gears, a key, a bar chart, currency symbols (¥, \$, £, €), a pie chart with percentages (10%, 15%, 25%, 10%), a bar chart with upward arrows, a smartphone, and a line graph labeled 'BUSINESS PROFIT'. The text 'VALUE PROFITABILITY' is written below the bar chart with arrows. The central text 'sustainable climate-smart circular' is prominently displayed within the doorway's light. At the bottom, there is a line graph labeled 'ATTRACT + ENGAGE=CONVERT Integrated marketing formula'.

sustainable climate-smart circular

Thank you!

