EIP-AGRI Workshop ‘Building new biomass supply chains for the bio-based economy’

May 27 – 28, 2015 – Alghero, Italy
EIP-AGRI Workshop ‘Building new biomass supply chains for the bio-based economy’
Thursday 28 May 2015, Alghero - Italy

09:00 – 09:10 Opening and introducing Day 2

09:10 – 09:40 Working further on outcomes of interactive session 1

09:40 – 10:40 Presenting support tools
- EIP-AGRI (Rural development and H2020) Ms Virginie Rimbert
- National Policy Strategy on bioeconomy in Germany and its implementation Mr Hans-Jürgen Froese
- RMT Biomasse et Territoires: French national network for technical support for building biomass supply chains Ms Laurie Ducatillon

10:40 – 10:45 Introducing interactive session 2

10:45 – 11:00 Coffee Break

11:00 – 12:10 Interactive session 2: Addressing solutions and tools

12:10 – 12:45 Reporting back to the plenary and discussions

12:45 – 13:00 Wrapping up and closing
Mr Rob Peters – Directorate-General Agriculture and Rural Development

13:00 Lunch
The European Innovation Partnership (EIP) “Agricultural Productivity and Sustainability”

Its fits for biomass supply chains for the bio-based economy

Virginie Rimbert
Directorate General for Agriculture and Rural Development
**EIP – AGRI in short**

- **Commission Communication COM (2012) 79**
  Innovation Union Flagship Initiative: EIPs link existing policies and instruments to speed up innovation

- **Aim:** To foster a competitive and sustainable agriculture and forestry sector that "achieves more from less"

- **Approach:** "Closing the innovation gap" between research and practice by using the *interactive innovation model*
  + Link actors via an **EIP Network**: communication, partnering, dissemination, knowledge flows and collecting practice needs

- **Funding:** using existing Union policies:
  - CAP Rural development
  - Interaction with "Horizon 2020"
"Operational Group" = a team composed of **actors relevant** for the project, working together in an interactive innovation project and producing concrete results.
An example of project: "**Composting plant** (olive cake, pruning residues, leaves and liquid effluent from the mill) *adds value to waste*" (ES)

**Objective**: Recycling waste products that can pollute soil and water systems to produce fertilisers and supporting organic olive farming.
1. EU support under Rural Development
**EIP – AGRI: The Rural Development Side**

- The new legislative framework has been set

  - 17 December 2013: Adoption of CAP package
  - 20 December 2013: Publication of Rural Development Regulation
  - Currently: negotiations of Rural Development Programmes
  - 23 RDPs approved out of 112
  - Next wave of approval in the next days: ~27 RDPs

- Innovation as cross-cutting priority

- **Focus area (Art 5, 5c):** facilitating the supply and use of renewable sources of energy, of by-products, wastes and residues and of other non-food raw material, for the purposes of the bio-economy.

- EIP-AGRI as innovation (NEW) tool to achieve Union priorities for rural development
EIP Implementation via RDPs

- The EIP aims at a **flexible and open system** for the creation of a **multiplicity of operational groups**
- Establishment of operational groups (Art. 35) can be 100% bottom-up.
- Each operational group must establish its **plan on expected results** and **share results** within the EIP network
- Possible **combination** of co-operation in "operational groups" with other measures such as knowledge transfer, advisory services, investment aid etc.
EIP Implementation via RDPs: state of play

- So far, the EC has accepted 23 RDPs: 19 have taken up the submeasure "establishment and operation of operational groups of the EIP".
- This EIP measure is foreseen in 89 National and Regional RDPs (in 23 MS) out of a total number of 112 RDPs.
- First OG projects have been selected and some will start in June (in Schleswig Holstein – Germany).
- We plan to screen the scope of EIP measure in all RDPs (full bottom-up vs. more specific scope).
Number of planned EIP-AGRI Operational Groups in the approved RDPs (2014-2020)

The list only includes the approved RDPs which have implemented the EIP measure. Source: European Commission
Share of the cooperation measure in the total RDP EAFRD budget (approved RDPs 2014-2020)

The list only includes the approved RDPs which have implemented the EIP measure.
Source: European Commission
2. The EU wide EIP network
EIP-AGRI Service Point connects all actors within the network.
A multidisciplinary team at your service

The EIP-AGRI Service Point team works closely together with DG AGRI to link all actors in the EIP-AGRI network.
EIP-AGRI website www.eip-agri.eu
The one-stop-shop for agricultural innovation

- Search for people, partners, projects
- Search for research needs
- Find information & inspiration
- Share your results

Register on the website and start searching the network today!
Primary production and biobased economy research under HORIZON 2020

- **Excellent science**
  - ERC, Marie Curie, FET, Infrastructures,

- **Industrial leadership**
  - LEIT, Risk Finance, SME

- **Societal challenges**

<table>
<thead>
<tr>
<th>1. Health, demographic change and wellbeing</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy</td>
</tr>
<tr>
<td>3. Secure, clean and efficient energy</td>
</tr>
<tr>
<td>4. Smart, green and integrated transport</td>
</tr>
<tr>
<td>5. Climate action, resource efficiency and raw materials</td>
</tr>
<tr>
<td>6. Inclusive, innovative and reflective societies</td>
</tr>
<tr>
<td>7. Secure societies</td>
</tr>
</tbody>
</table>

**BBI JU**
EC: 1b€
Industry: 2.7b€
Opportunities for R&I in biomass supply in H2020?

On-going evaluations and open call:

- WP2015 – WASTE-7: Ensuring sustainable use of agricultural waste, co-products and by-products (RIA, 1st stage: 21/04/2015, 2nd stage: 08/09/2015)
  → Multi-actor approach (cf EIP)

- WP2015 – LCE-12: Demonstrating advanced biofuel technologies (IA, single stage: 05/05/2015)

- WP2015 – LCE-14: Market uptake of existing and emerging sustainable bioenergy (CSA, single stage: 05/05/2015)

- WP2015 – ISIB-2: Closing the research and innovation divide: the crucial role of innovation support services and knowledge exchange (CSA, bottom-up, single stage: 11/06/2015) → Thematic networks (cf EIP)

- BBI JU – WP2015

Future calls

- WP2016/17 to be published in October 2015, Info Day: 24 November SC2, Brussels
Bio-based Industries Joint Undertaking

Public Private Partnership supporting R&I for bio-based industries:

- **Partners**: European Commission and Biobased Industries Consortium (BIC)
- **Budget**: € 3.705 billion (about 75% from industry)
- **Implementation**: - Principles of openness, transparency and excellence  - Horizon 2020 rules for participation
- **Objectives**: At least 5 new bio-based value chains for Europe based on 2nd generation/advanced biorefineries.

www.bbi-europe.eu
Focus of the BBI JTI

**Feedstock**
- Fostering a sustainable biomass supply and building new value chains

**Biorefineries**
- Optimising efficient processing through R&D and upscaling in large-scale demo/flagship biorefineries

**Markets, products and policies**
- Developing markets for bio-based products and optimising policy frameworks
BBI JU Budget

Call for Proposals: RIA, CSA, Demo & Flagships (in cash and in kind)

Additional Activities

€ 975 M + € 1755 M = € 3705 M

TOTAL (about 75% from BIC)
Private partner: Biobased Industries Consortium (BIC)  More than 200, and still growing

- 77 full members (including subsidiaries)
  - 43 Large industries
  - 20 SMEs
  - 14 Clusters

- 142 associate members
  - 47 Universities
  - 71 RTOs
  - 10 European trade organisations
  - 7 Associations
  - 5 European Technology Platforms (ETPs)
  - 1 Public Institution
  - 1 Bank

- Sectors covered to date
  - Agriculture
  - Agro-food
  - Forestry/ pulp and paper
  - Technology providers
  - Chemicals
  - Energy
Implementation through calls for proposals

WP2014

- The call was launched in July 2014. 10 projects have been selected for funding: 7 R&I, 2 Demonstration, 1 Flagship. Results will be announced in June 2015

- The EU contribution: € 50 million

WP2015

- H2020-BBI-PPP-2015-1-1
  - Opening date: 19-05-2015
  - Deadline date: 15-09-2015 17:00:00 (Brussels local time)
  - EU contribution: 100 M€
  - 3 flagship topics

- Next call expected to be announced in summer 2015
More information:

http://ec.europa.eu/eip/agriculture/


Thank you for your attention!