



FTPs future and lessons from the Star-COLIBRI project

Pacing Innovation for the Bio-economy

Warsaw, 27th September 2011

Johan Elvnert



Challenge: EU policy makers are not always so familiar with our sector

Example:

The public consultation (2 May 2011):

“A biobased economy for Europe: state of play and future potential”

contained 137 multi-option questions to the public

Only one question related to the forest-based sector:

The European bio-based economy in the future:

- *“ How do you perceive the risk of **increased deforestation** due to food and non-food production?”*

Innovation

= to renew or change. The creation of better or more effective products, processes, technologies, or ideas.



Innovations of the European Forest-Based Sector

Sustainability



consumer friendly products



Policy

= a principle or rule to guide decisions and achieve rational outcome



The Forest-Based Sector will be influenced of several EU Policies, e.g.

- Renewable Energy Targets
- Common Agricultural Policy
- Innovation Union
- Strategic Energy Targets
- Environmental policies
- Rural development policies
- Energy Policy

Next EU Research Budget: Horizon 2020

Excellence in the science base

- Frontier Research (European Research Council)
- Skills and careers (Marie Curie actions)
- Research Infrastructure (including e-infrastructures)

Tackling societal challenges

- Health, demographic changes and well-being
- Food security and the bio-based economy
- Secure, Clean and Efficient Energy
- Smart, Green and integrated transport
- Supply of Raw Materials
- Resource Efficiency and Climate action
- Inclusive, Innovative and Secure Societies (including cyber security)

Creating industrial leadership and competitive frameworks

- **Enabling Technologies;**
 - ICT including micro/nano-electronics and photonics;
 - nanotechnology;
 - advanced materials;
 - advanced manufacturing systems;
 - industrial biotechnology;
 - space research and innovation;
 - low carbon and adaption technologies
- **Joint Programming (including article 185)**
- **Access to risk finance and venture capital** (building on RSFF and CIP financial instruments of FP7)
- **EU support for innovation in SMEs**

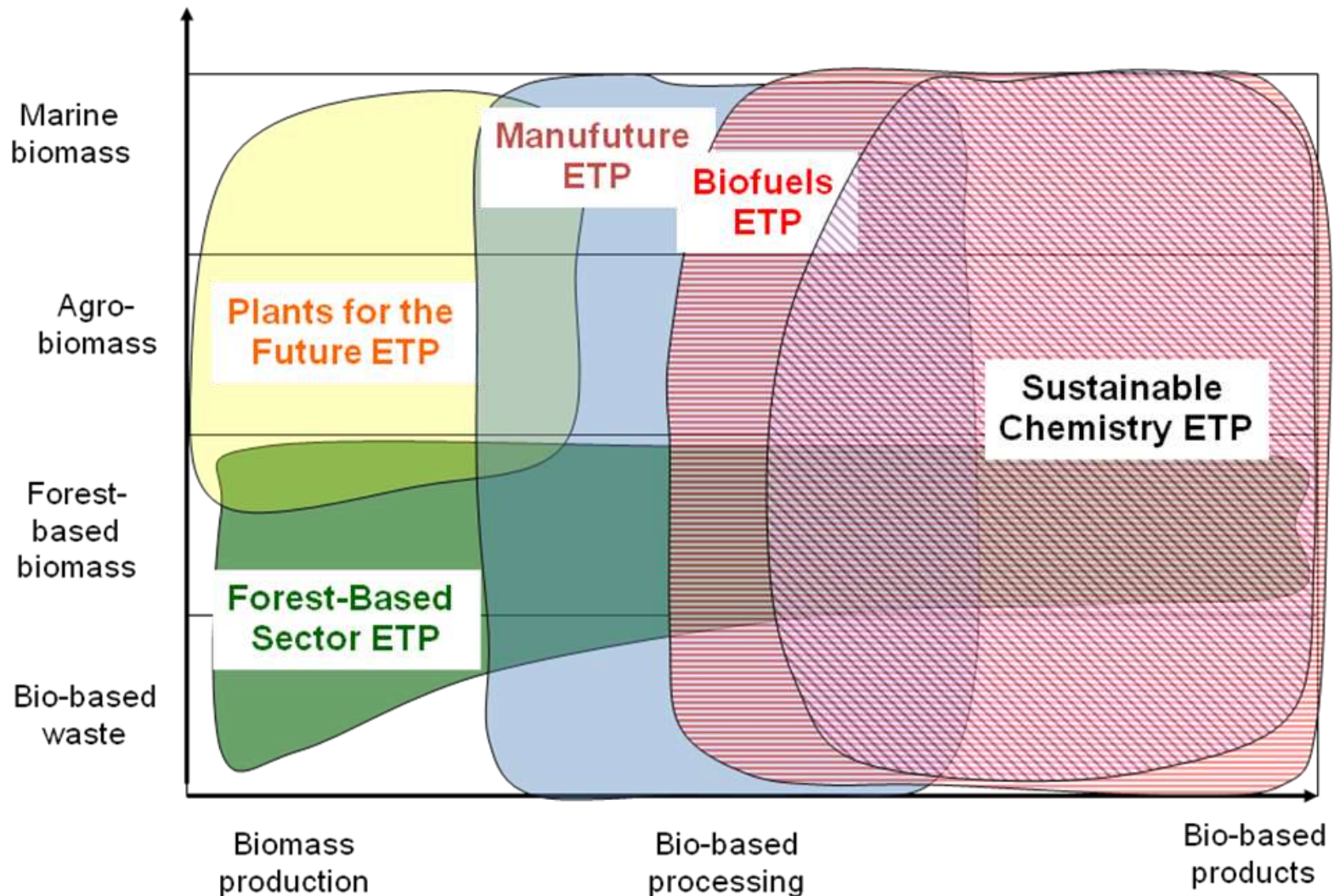




Strategic Targets for 2020 – Collaboration Initiative on Biorefineries (**Star-COLIBRI**)

- Project of strategic importance to the Forest-Based Sector FTP/CEI-Bois leading partners
- 2 Million Euro EU research project funded under FP7
- Project duration: 2 years
- Kick-off at the FTP-c6 conference in Stockholm 2009
- Final conference next week in Brussels (5 October)

Five European Technology Platforms participate



Star-COLIBRI core objectives

1. *“Promote **information exchange** in any aspect of the entire production value chain...”*
2. *“Promote **coordination of on-going research** at European and national levels”...*
3. *“... **define research priority needs**...”*

...Similar to the objectives of FTP

Comparison Star-COLIBRI and FTP

1. Improve information Exchange



2. Promote coordination of on-going research



3. Define Research Priority needs



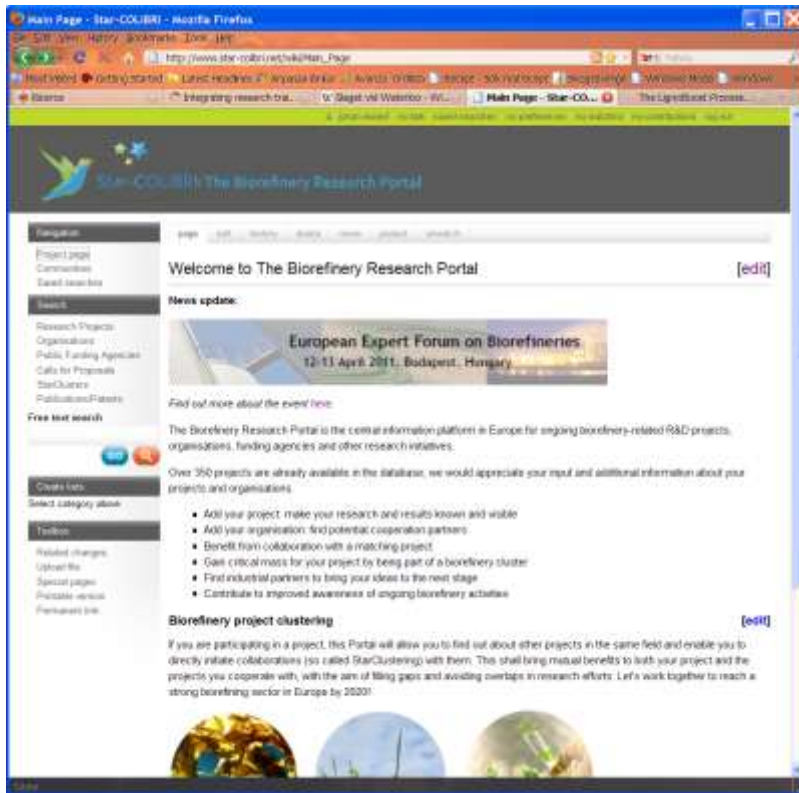
4. Agree on public funding priorities



1. Information Exchange



The Star-COLIBRI Biorefinery Research Portal; www.star-colibri.net



Database content today:

- >350 research projects
- >750 companies, universities and research institutes
- > 60 public funding agencies
- > 60 publications and patents

Information collection is the current bottleneck

...FTP should strive to make a similar tool for the forest-based sector

2. Promote coordination of on-going research



“StarClustering” collaborations

Europe needs role models and success stories acting as catalysts for change

Star Project

Comet

- “Large” research projects might have a broad European impact, but sometimes they are not so “flexible”
- Smaller research projects seldom have enough critical mass to have a European impact, even if they are very innovative and produce very good results

...FTP’s National Support Groups, the COST domain on forestry, and ERA-Nets such as WoodWisdom are strong assets that we must continue to support



2. Promote project to project collaborations



Establishing Collaborations; “Star” projects in Europe

➤ **AFORE**

Provided very good specification of expertise they would like to get from project to project collaborations. Some brokerage meetings have been arranged between AFORE and proposed projects. So far it has not led to StarClustering activities

➤ **Bio4Energy > Bio4Flow**

Star-COLIBRI proposed a couple of collaboration opportunities, but this did not go further. Bio4Energy proposed three suitable universities and research centers involved in several projects as a starting point (Wolfson Centre, University of Greenwich, University of Salerno, Universidad Politecnica de Madrid). This has kick-started the StarClustering collaboration for Bio4Energy.

...Two out of the top five “Star” projects found by Star-COLIBRI are mainly forest-based. We are very competitive!

3. Define Research Priority needs



- Joint European Biorefinery Vision for 2030



- Joint European Biorefinery Research Roadmap 2020

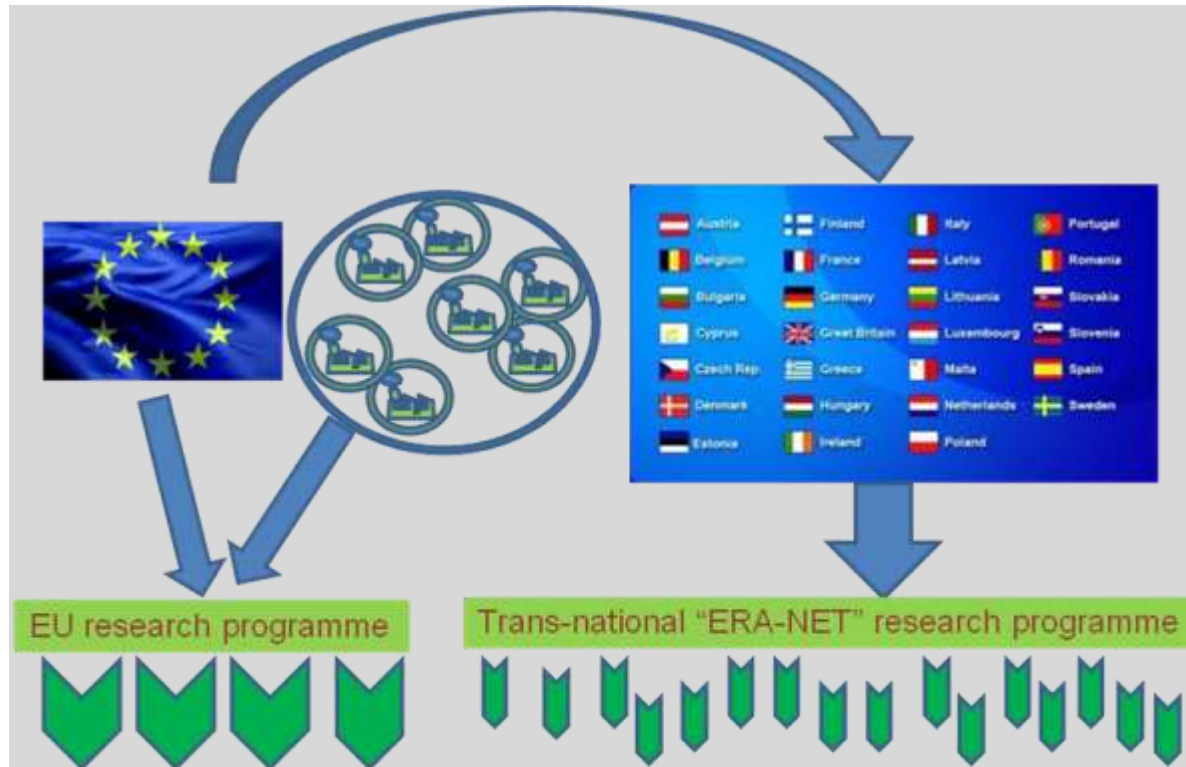


...We are in the process of revising our Vision document and the SRA, but it should build on the existing documents and it will take time if we want a good result

4. Public-Private funding Models



An efficient model for Public Private Partnerships (PPPs)



...The new research budget will require more cross-sector partnerships such as the European Innovation Partnerships (EIPs) and PPPs



Final results will be disseminated to policy makers in the High-Level Policy Maker Conference on Biorefineries

Solvay Library, Brussels,
5 October

- Being a leader in events like this makes our sector more visible to EU policy makers



INVITATION
High-level Policy-maker Conference on Biorefineries
5 October 2011 - 12:30-18:00



An event
To be hosted by Ms. Lena Ek, Member of the European Parliament
At the Solvay Library in Brussels
Followed by a cocktail reception

We are delighted to invite you to this conference which will bring together a panel of high-level speakers to discuss key policy priorities in the field of biorefinery, from the upcoming Bio-economy strategy to the Flagship initiative on a resource-efficient Europe. One of the highlights of the event will be the official publication of the Joint European Biorefinery Vision for 2030 and the Joint European Research Roadmap 2020.

Confirmed speakers include:

- Lena Ek, Member of the European Parliament
- Jonas Bering Lütjens, Ambassador, Deputy Permanent Representative of Denmark to the EU
- Johan Elvén, Star-COLIBRI project coordinator, Manager of Forest-Based Sector EIP
- Alfredo Aguilar Romanillos, Head of Unit, DG Research and Innovation, European Commission
- Maria Angeles Benitez-Salas, Director, DG Agriculture, European Commission
- Mairead McGuinness, Member of the European Parliament

A full agenda and registration form are available at: www.star-colibri.eu/event

Thank you for your attention!

*“Success will never be a big step in the future,
success is a small step taken just now”*

(J. Mårtensson)