Session 1: The bioeconomy in Europa

A bioeconomy strategy for France
Some examples of French bio-based products
Outline

1. Bioeconomy in France

2. The national bioeconomy strategy
   - Elaboration
   - Key issues

3. Focuses on some actions
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What is the bioeconomy?

The bioeconomy encompasses the whole range of activities linked to bioresource production, use and processing. The purpose of bioresources is to provide a sustainable response to the need or food and to part of society’s requirements for materials and energy, as well as providing society with ecosystem services.
What is the bioeconomy?

Food and feed
- firewood
- biogaz
- biofuels

Bioenergies:

Bio-materials

Chemistry

Ecosystem services

carbon

Bioeconomy
What are the challenges?

- New outlets for farmers and foresters
- Ecological transition (climate change mitigation, carbon storage…)
- Creation of jobs that can't be moved offshore in rural areas
- Independence from imports of fossil products
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MINISTÈRE DE L'AGRICULTURE ET DE L'ALIMENTATION
Why a strategy?

- Promote new products and solutions, based on innovation, for the ecological and energy transitions
- Ensure new economic opportunities for agriculture, forestry, fisheries and for rural territories
- Strengthen sustainability of the global system, producing « food first » and minimizing environmental impacts

→ Need for a global view of the bioeconomy, including food and feed, materials, energy and ecosystem services, from research and innovation to economic and territorial development
Building the French bioeconomy strategy

- Presentation of the strategy by the minister of agriculture: January, 2017
- Work with stakeholders: January, 2017
- Elaboration of the action plan: February, 2017
- First strategic committee of bioeconomy, led by the minister of agriculture: March, 2017
- Panel discussion about bioeconomy during the Paris Agricultural Show: March, 2017
- Presentation of the strategy by the minister of agriculture: March, 2017

A BIOECONOMY STRATEGY FOR FRANCE

Goals, issues and forward vision
Discussions with all stakeholders

Authorities:
- 4 ministries:
  - agriculture
  - environment
  - research
  - economy

Economic actors:
- farmers, foresters
- industries

Research

French strategy

NGO
Goals of the French strategy

Respond to the objectives of the COP 21, by:
- bringing together within a systemic vision all activities for bioresource production (supply and processing, product valorization);
- maintenance of ecosystems in regions;
- put human beings and citizens in a central place in the strategy.
The key issues in the strategy

- Producing more bioresources sustainably and using them.

> Knowledge of the resources Increased use of biorésources

- Making bioeconomy products a market reality.

- Supporting the transition to a high-performance, innovative and sustainable biobased industry.

- Sharing bioeconomy with stakeholders, including society.
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Focus: communication

A need to share bioeconomy with the general public:
- a biobased label
- communication campaigns (insisting on the new performances of biobased products)
- open doors ...
Focus: biogaz plants

Production of energy and fertilisers from local material (farm effluent, straw, waste from agrifood)

Measures to foster methanisation:
- subsidies for feasibility studies and investment
- a regulated purchase price for the electricity and biomethane produced

Evolution of the number of agricultural methane units in France
Focus: hemp sector in Normandy

Creation of a hemp valorisation sector in Normandy → new jobs and new outlets for farmers

Dialogue between upstream and downstream.

17 farmers grow hemp

Seed preparation and milling

Hemp defibration

Delivery, a firm manufacturing paints
A BIOECONOMY STRATEGY FOR FRANCE

Goals, issues and forward vision
Gracias por su atención