The bioeconomy in France and in some regions The Grand Est region example

ENRD – Brussels - January 17th, 2019



A bioeconomy strategy for France



Elaboration of the strategy in January 2017 then developed into a concrete action plan in February 2018

Main key issues:

- Producing more bioresources sustainably and using them.
- Making bioeconomy products a market reality.
- Supporting the transition to a high-performance, innovative and sustainable biobased industry.
- Sharing bioeconomy with stakeholders, including society.

Regional bioeconomy strategies

Some regions are working on strategies.



Regional bioeconomy conference in April 2018



Regional bioeconomy conference in June 2018



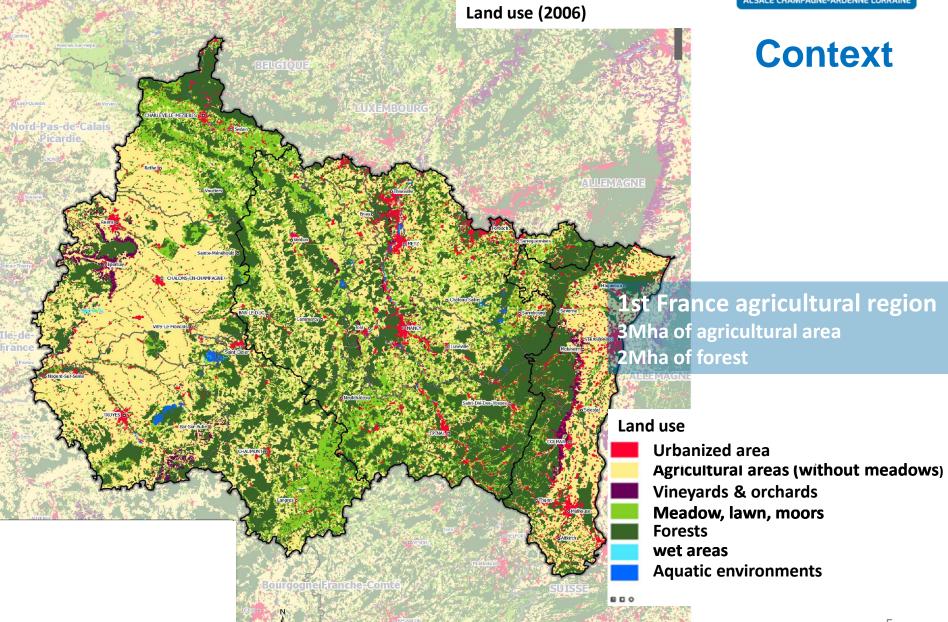




Bioeconomy

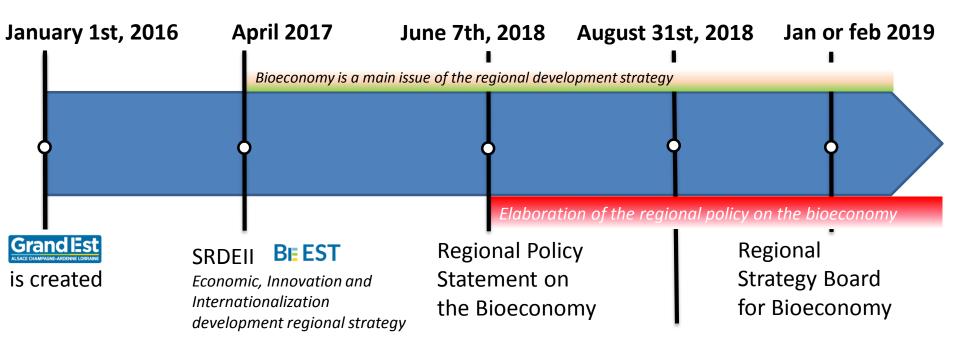
Make Grand Est a European leader in Bioeconomy





Fond de carte : IGN GEOFLA 2014 / Global Administratives Areas 2015 Données : EEA - Corine Land Cover 2006





The main five issues for regional bioeconomy strategy

- Governance
- Sustainable production
- Competitiveness
- ☐ Start Up development
- ☐ Grand Est Attractiveness

BioPacte = 3 France's regions Partnership





Regional strategy: dynamic in progress

externalities + / -

Territories

Markets/channels:

Bioresources:

Agricultural and wine **Biomass** Forestry biomass Aquaculture biomass **Biowaste**



Biomolecules & ingredients

Biomaterials

Bioenergies



Food

Human and animal nutrition Cosmetic

Chemistry

Construction

Automotive

Biogas / methanation

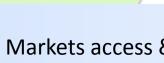
Fertilizers

Production & resources sustainability of biosphere (ground, air, water)

Ecosystem services

Transformation & valorization

Markets access & development



Levers

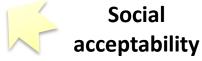
R&D **Innovation**

Industrialization

Solution providers / startups



Skills



Investment



Instruments supporting bioeconomy







- Communicate
- Exchange between actors
- Regional board for bioeconomy

- Develop knowledge (training & research)
- Set objectives
- Encourage initiatives
- European funds (EAFRD : measure 6.4 of the RDP, EIP-Agri)
- National funds
- Regional credits



Example 1: European pole of hemp



Grand Est region: 1st European region producing hemp
6 500 ha / 40 000 tons

A European pole of hemp to:

Gather hemp value chain stakeholders

23k€ regional funds, 99k€ EAFRD for EIP-Agri (M16.1) A support >500k€ asked for EIP-Agri (M16.2)

- Improve hemp valorization and competitiveness
- → A full branch of bioeoconomy



Example 2 : Biogas plant



Grand Est: 1st France Region in number of agricultural biogas plant 95 in Grand Est / 382 in France

- → 45% of the national energy agency (ADEME)
 methanisation's fund
- 74 projects supported with 15,53 M€ from european funds

EAFRD 5,23 M€ / 10,3 M€ ERDF

→ The first operative bioeconomy regional policy



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