

Brokerage Event

Food Security | Sustainable Agriculture and Forestry |
Marine, Maritime and Inland Water Research |
Bioeconomy | KET-Biotechnology |

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Sustainable Food Security

Research Federation CONDORCET

From understanding and optimising biomass
production to the market

Hélène Lacroix



www.ncp-biohorizon.net

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The RF Condorcet is 700 scientists, 24 laboratories, 15 technical platforms based in the north of France and Wallonia in Belgium

- 1- Plant biomass production and environmental integration:** plant improvement and adaptation to pedoclimatic conditions, bioprotection, agro-ecology and qualification of plant biomass, biodiversity, soil, water and air quality, remediation of biocides
- 2- Biomass processing and processes:** structural characterisation of biomass, mechanical, chemical and enzymological deconstruction, green chemistry, white, green and blue biotechnology, modelling, scale changes of process, LCA
- 3- Innovative agro-sourced products and materials:** materials for energy, housing, packaging, transport, catalysis and bio-catalysis
- 4- Conditions for the emergence of a sustainable bioeconomy:** study models of public and collective action, support for organisational change, anchoring the bioeconomy in territories (adapting business models to build transition trajectories in regions), innovative ecosystems (from research to markets)



1- SFS-01-2018: Biodiversity in action: across farmland and the value chain

- University of Picardie Jules Verne - FRE CNRS 3498 EDYSAN - Ecology and Dynamics of Anthropized Systems
- Université of Reims Champagne Ardenne EA 3795 GEGENAA - Group on Natural, Anthropogenic and Archaeological Environments and Geomaterials

2- SFS-04-2019-2020: Integrated health approaches and alternatives to pesticide use

- University of Reims Champagne Ardenne
 - Research Unit on Vine and Wines From Champagne, Stress and Environment (URVVC)
 - Environmental stress and biomonitoring of aquatic environments unit (SEBIO)
 - Molecular Chemistry Institute of Reims (ICMR)
- Gembloux Agro-Bio Tech (University of Liège) - Microbial Processes and Interactions (MiPI)



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