FACCE JPI
Food Security, Agriculture and Climate Change

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Update

1. Communication and valorisation strategy

2. Improvement of the science-policy interaction
   → Bio-economy, COP 21, Food and nutrition security, Common Agricultural Policy

3. Long term strategy of JPI’s

4. Update of Strategic Research Agenda + Implementation plan 2016-2018

5. Preparation of new activities
   → Working group on national ownership
   → TAP Soil, Knowledge Network sustainable intensification, ERA-NET SUSCROP, workshops, ...
Implementation plan 2016-2018

- **Sustainable food security under climate change**
  - E.g. Climate change risk assessment for value chains, impact of food losses, existing (and emerging) technologies for primary production, policies to support food and nutrition security

- **Environmentally sustainable intensification of agricultural systems**
  - E.g. sustainable intensification, agricultural soil functionality

- **Adaptation to climate change**
  - E.g. improving water quality and soil function, Adapting value chains to climate change, Phenotyping, genotyping, breeding and reproduction

- **Mitigation of climate change**
  - E.g. Alternative land use systems, technical and economic potential of GHG abatement, Animal health and disease and GHG mitigation

- **Cross cutting topics**
  - Explore and exploit refinery concepts, potential role of big data for food security, Plant and animal production systems for better human nutrition and resilience to climate change
Outreach to the field in Belgium / stakeholders

- **Belgium**
  - CIS societal Challenge 2: announcement of new FACCE Actions + gathering information

- **Flanders**
  - EU platform – WG 2
  - Platforme for Agricultural Research
Internationalisation

- New Zealand is member of the FACCE governing board

- **European and International Strategy**
  - FACCE as an EU HUB of international initiatives
  - Collaboration with several initiatives like Global Alliance for Climate Smart Agriculture (GACSA), 4PRIMA, EU-Africa dialogue, AgMIP
  - Yearly workshop with international partners

- International conference
Impact

- Monitoring and evaluation Framework
  - Targets: alignment, excellent research and impact on the societal challenge
  - 3 levels: JPI, actions, projects
  - No concrete results yet
Thanks!

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