



The Joint Programming Initiative on Agriculture, Food Security and Climate Change:

Lessons learned from Multi-network Calls, CASE: FACCE & Biodiversa, Waterworks 2015

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Cofasp final meeting
Lessons learned & EMFF / ERDF Workshop
9 December 2016



Joint Programming Initiatives

- **Inter-governmental (member-countries' driven) initiatives** that aim to improve research coordination and complementarity in a specific field on major societal challenges → variable geometry
- Supported by the EC/ Horizon2020

Main goals: cooperation and alignment

- ✓ Reduce research fragmentation in Europe
- ✓ Optimally use existing national research funds
- ✓ Address societal challenges more effectively
- ✓ Structure & support the European Research Area



European
Research Area



FACCE-JPI: Key Facts

- Launched by Council of the EU in 2010
- 22 Member-Countries (of which New Zealand as Associate Member); 2 observers (EC, EU Standing Committee on Agricultural Research)
- Managed by 1 Governing Board ; 2 Advisory Boards (independent scientists and stakeholder organisations)
- Secretariat coordinated by France and financially supported by the EC
- Alignment of national research programmes at the intersection of agriculture-food security-climate change
- Mobilised resources so far: €110 M
- Link with H2020 Societal Challenge 2 (Food Security, Sustainable Agriculture, Water, Bio-economy) and Societal Challenge 5 (Climate Action)



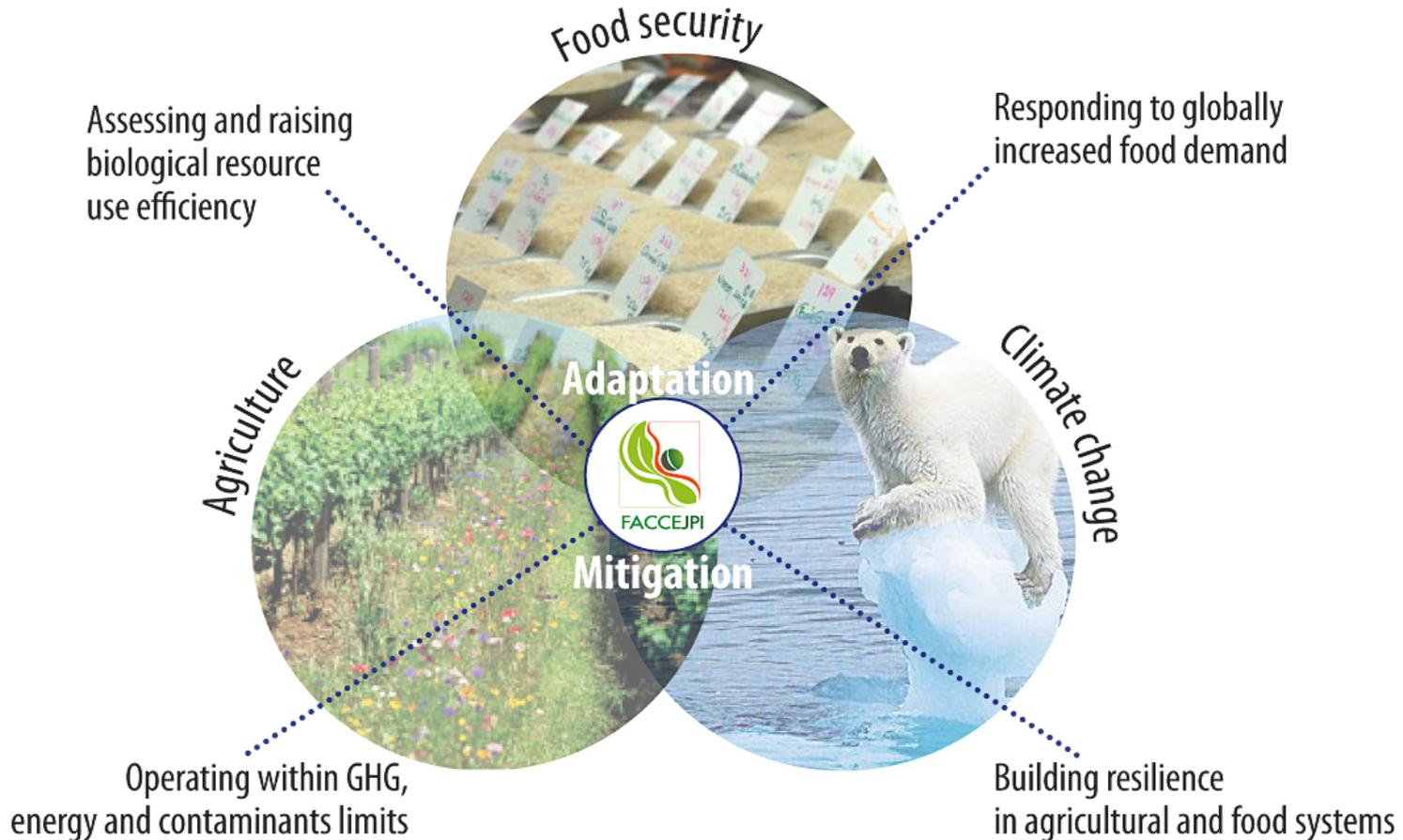
22 participating countries of which 15 are also GRA partners

17 EU Member States + 4 Associated Countries+ 1 Third Country

- | | | | |
|--|-----------------------|---|------------------------|
|  | <u>Austria</u> |  | <u>Italy</u> |
|  | <u>Belgium</u> |  | <u>The Netherlands</u> |
|  | <u>Czech Republic</u> |  | <u>Norway</u> |
|  | <u>Denmark</u> |  | <u>Poland</u> |
|  | <u>Estonia</u> |  | <u>Romania</u> |
|  | <u>Finland</u> |  | <u>Spain</u> |
|  | <u>France</u> |  | <u>Sweden</u> |
|  | <u>Germany</u> |  | <u>Switzerland</u> |
|  | <u>Ireland</u> |  | <u>Turkey</u> |
|  | <u>Israel</u> |  | <u>UK</u> |
|  | <u>New Zealand</u> |  | <u>Cyprus</u> |

The FACCE-JPI thematic scope

Alignment of cross-thematic and interdisciplinary research





10 ongoing joint actions

€110M of which € 87.7M is provided by participating countries

CT1. Food security under CC

Knowledge Hub on modelling the impacts climate change on food security (MACSUR)-**partnership with AgMip (€15M; 300 researchers)**

International call (Collaborative Research Action) on food security and land use change with the Belmont Forum (Aus., Brazil, India, Japan, South Africa, US) (€5.3M; 7 projects)

CT2. Sustainable intensification of agriculture

Knowledge Network on sustainable intensification

FACCE ERA-NET Cofund on Sustainable agriculture for food and non-food systems (SURPLUS) **with New Zealand (€15M, 14 projects)**

Thematic Annual Programming Network on agricultural soil quality

CT3. Biodiversity and ecosystem services

Joint call with the BiodivERsA ERA-NET (€10M, 10 projects)

+ **Exploratory workshops** (on food and nutrition security, ICT, biofuels, etc.)

CT4. CC Adaptation

FACCE ERA-NET + on Climate Smart Agriculture (€19M, 11 projects)

ERANET Cofund with the Water JPI on adapting agricultural land and water management (WATERWORKS 2015) with Canada, Brazil, USA, China, VietNam, India, Taiwan, Tunisia, Egypt, South Africa (€26M)

CT5. GHG Mitigation

Multipartner call on agricultural GHG mitigation **with the GRA (USA, Canada, NZ) (€5.5M, 11 projects)**

FACCE ERA-NET Cofund on monitoring and mitigation of agricultural GHG (ERA-GAS) **with NZ (€14M)**



Rationale for stronger cooperation JPIs, ERA-NETs

- **Overlapping missions:** Building an European Research Area that helps the agricultural sector meet the increasing demand for food while mitigating and adapting to climate change, via more aligned and complementary research
- **Overlap in research themes**
- **Overlap in membership:** many ERA-NET partners are also members of FACCE-JPI but also means to expand consortium



Greater efficiency, effectiveness and impact



Expected benefits

- Enhanced information exchange and coordination
- Sharing the workload, learning from each other
- Better alignment and complementarity of research globally
- Avoid competition for (same) funding
- Enhanced visibility and impact on international policy processes (COP, SDGs)
- Enhanced access to key countries and partners
- Greater visibility



Our experience

In addition to joint activities with Biodiversa and WaterWorks, joint scoping work

- Joint workshop between 3 ERA-NETs related to FACCE (SusAn, FACCE ERA-GAS and ICT-Agri)
- Collaboration between 3 JPIs (FACCE-JPI, HDHL and Oceans)





Our experience

Advantages

- When there are thematic overlaps, cooperation can reduce duplication and be more efficient
- Greater impact
- Opportunity to increase interdisciplinarity
- Harmonisation
- « Share the burden » and the costs
- Widening of funding opportunities*

Caution

- Requires careful planning and coordination
- *Not always same funders/ Ministries/ research organisations
- Not always easy to find consensus on topic – (slightly) different focus

Critical points

- Decision to work together: sharing of responsibilities, resources (human and financial)
- Scoping: finding consensus on intersection
- Evaluation and Monitoring and Evaluation: common criteria and expectations

Structured process from common vision to implementation



Agriculture, Food Security
and Climate Change



FACCE JPI
Strategic Research Agenda
Revised edition, 2016

www.faccejpi.com



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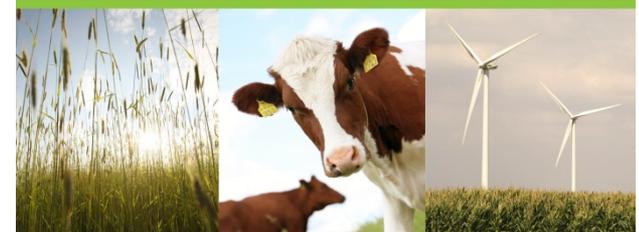


FACCE JPI
Implementation Plan
2016 – 2018

www.faccejpi.com



Agriculture, Food Security
and Climate Change



FACCE JPI
European and International Strategy
2016-2020

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Thank you for you attention!

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