



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

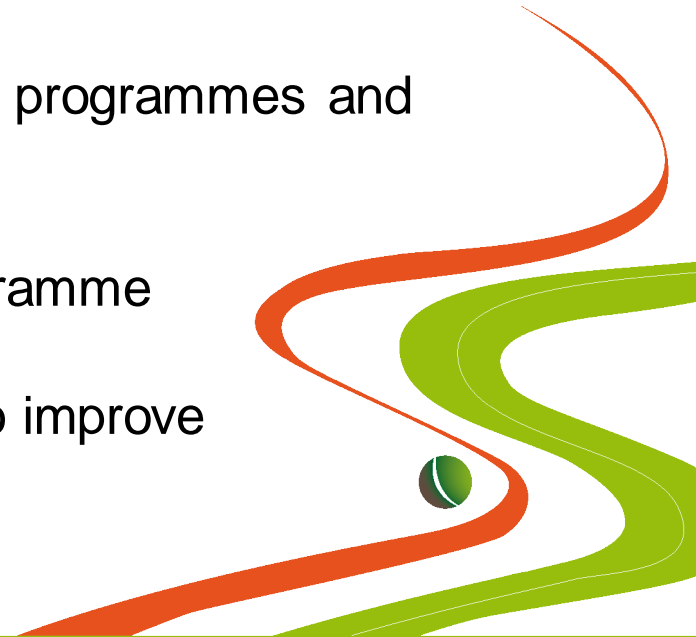
Caroline Lesser

WP Leader, European/International Relations and Stakeholder Advisory Board Coordinator

FACCE-JPI Secretariat

Joint Programming

- *Concept:* Endorsed by **Council of the EU** in 2008 to support the formation of the European Research Area
- *Rationale:* Address major **societal (global) challenges** that cannot be solved solely on the national level in a coordinated way
- *Method:* Via the **alignment** of national research programmes and activities across participating countries
- A JPI is **not** an integrated European joint programme
- It is an intergovernmental initiative that aims to improve **research coordination**



Alignment

*“Alignment is the strategic approach taken by Member States to **modify** their national [research] programmes, priorities or activities as a consequence of the adoption of **joint research priorities** in the context of Joint Programming, with a view to improving the efficiency of investment in research at the level of Member-States and the European Research Area”*

(High-Level Joint Programming Group, European Research Area Committee)

Main goals:

- ✓ Optimally use existing national research funds
- ✓ Address societal challenges more effectively
- ✓ Structure & strengthen the European Research Area



European
Research Area





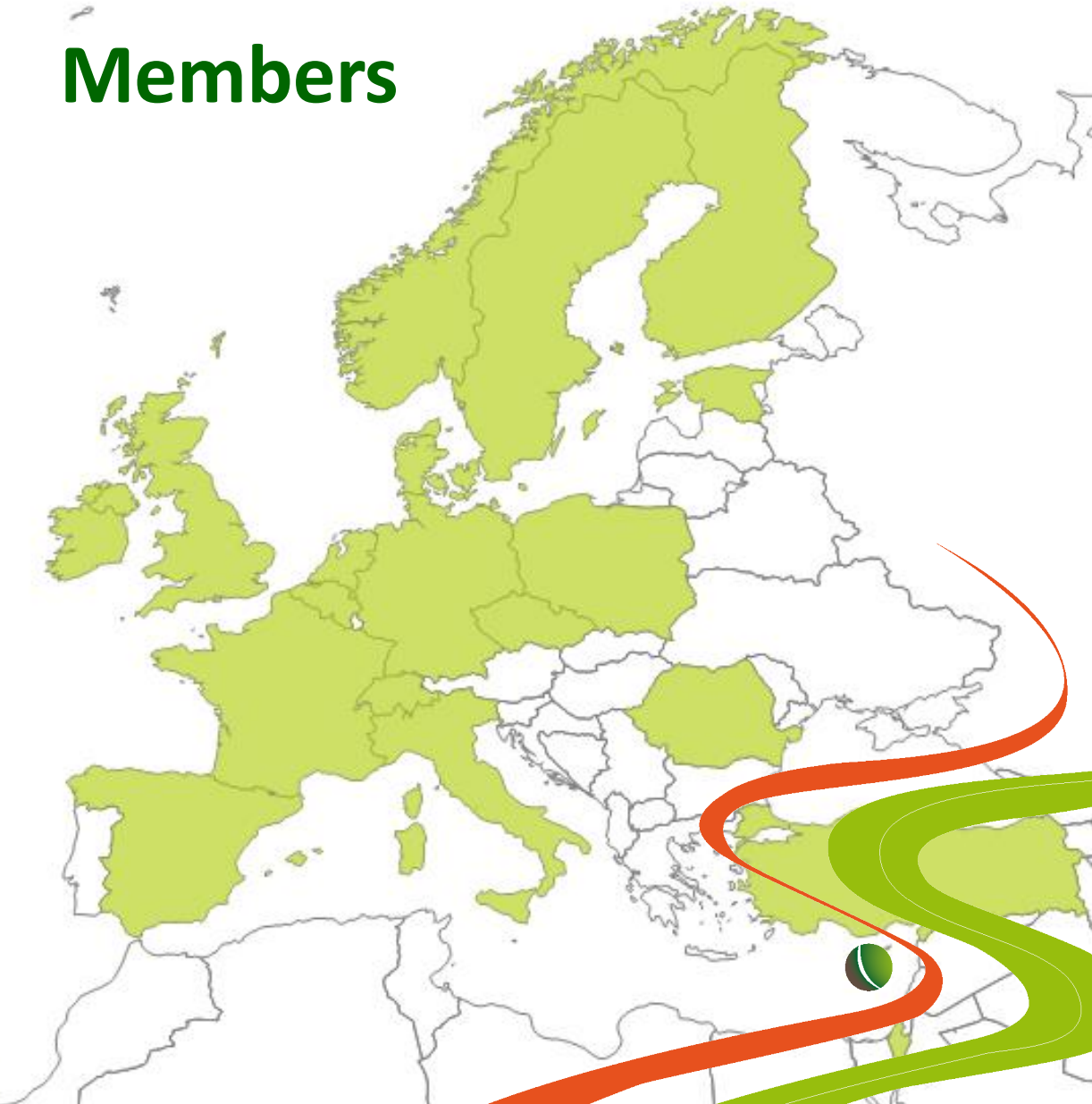
JPI on Agriculture, Food Security and Climate Change: Key Facts

- **Participants:** 21 EU/Associated Member-Countries; 1 Associate-Member (New Zealand); 2 observers (EC, EU Standing Committee on Agricultural Research)
- **Start:** Launched by EC Council in 2010
- **Secretariat:** Staff from 8 countries; coordinated by INRA (France), financially supported by the EC (CSA1, 2011-14; CSA, 2015-20)
- **Key principles:**
 - ❖ Alignment of national research strategies, programmes, infrastructures in a specific field
 - ❖ Variable geometry

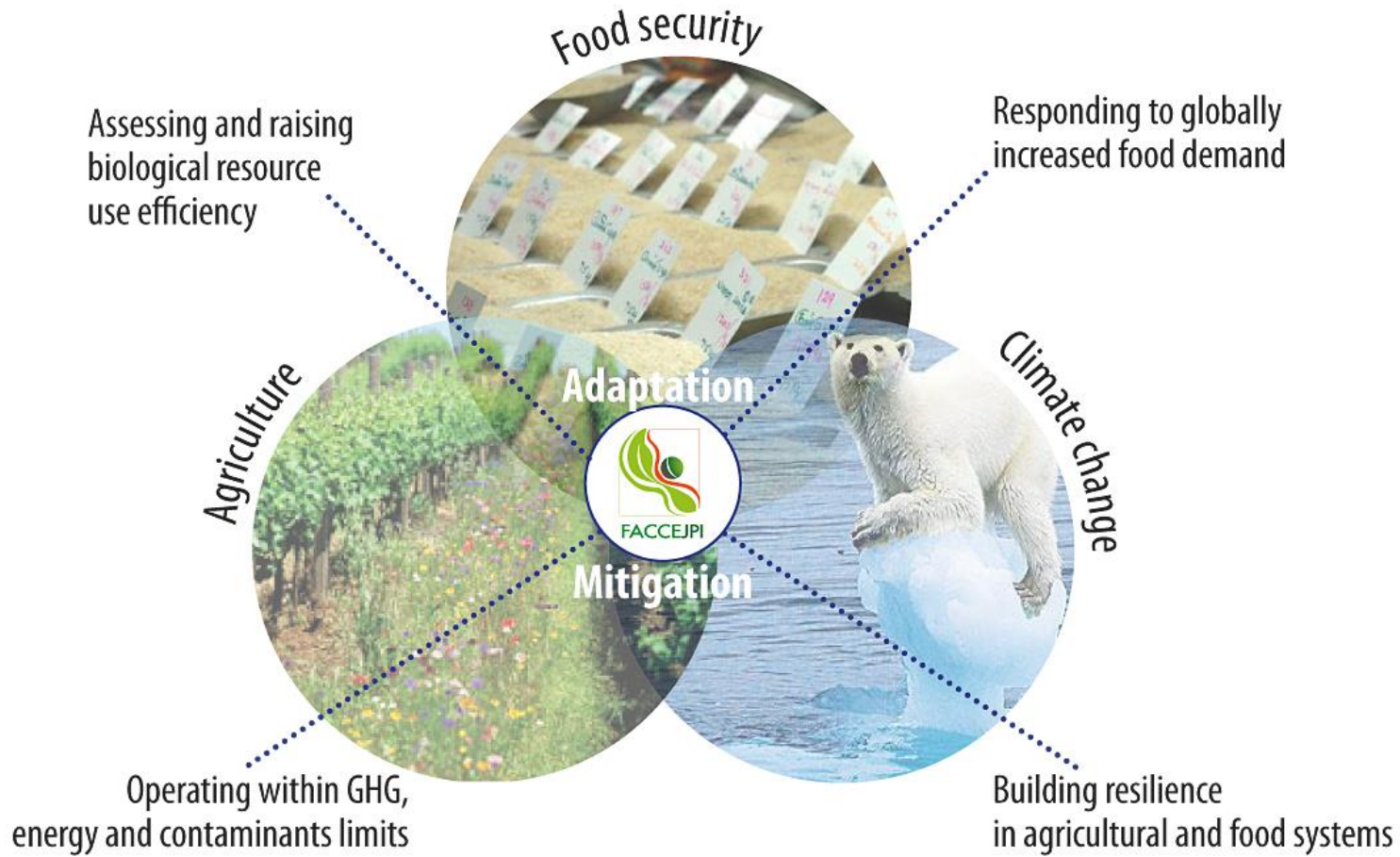


Members

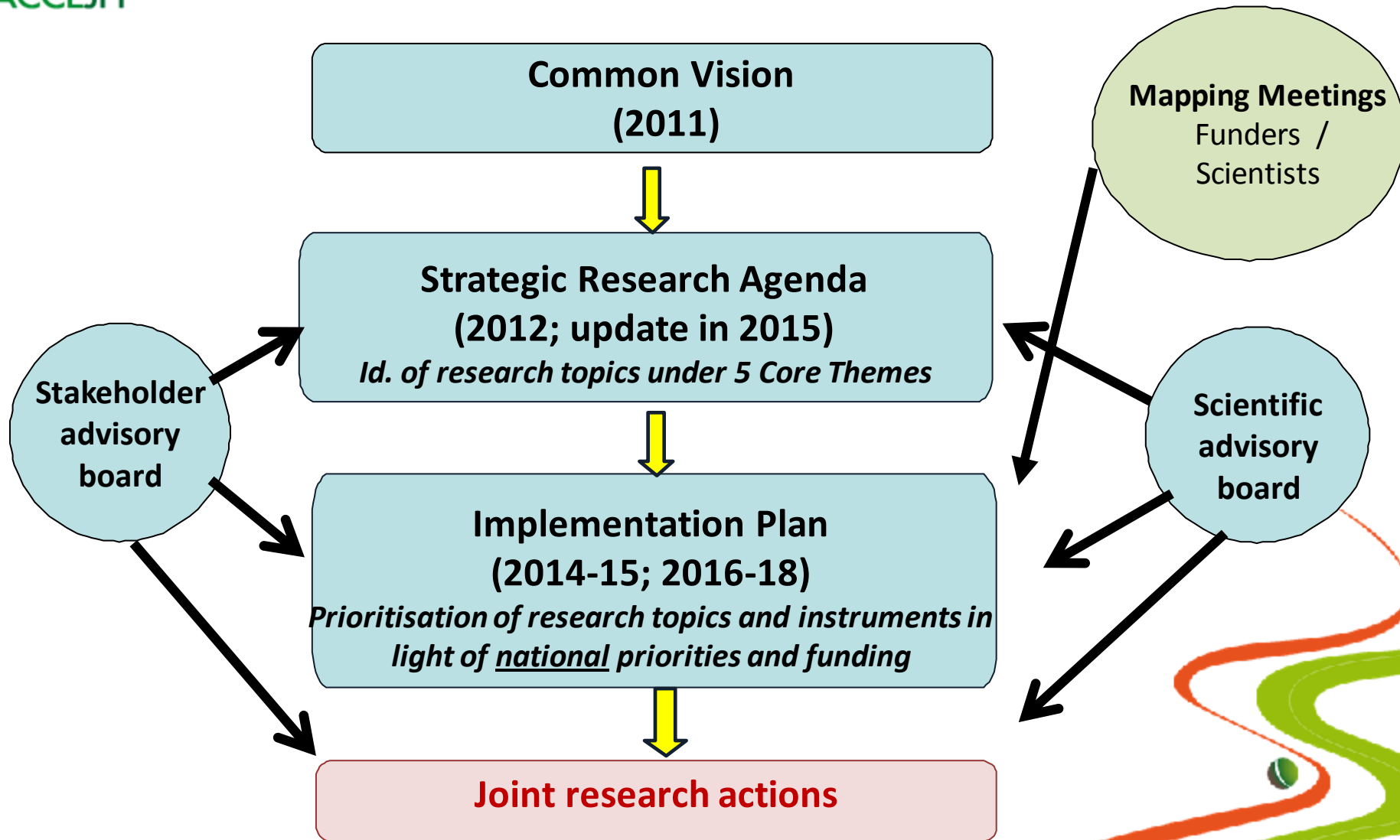
- Austria
- Belgium
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Ireland
- Israel
- Italy
- Netherlands
- **New Zealand**
- Norway
- Poland
- Romania
- Spain
- Sweden
- Switzerland
- Turkey
- United Kingdom



FACCE JPI's thematic scope



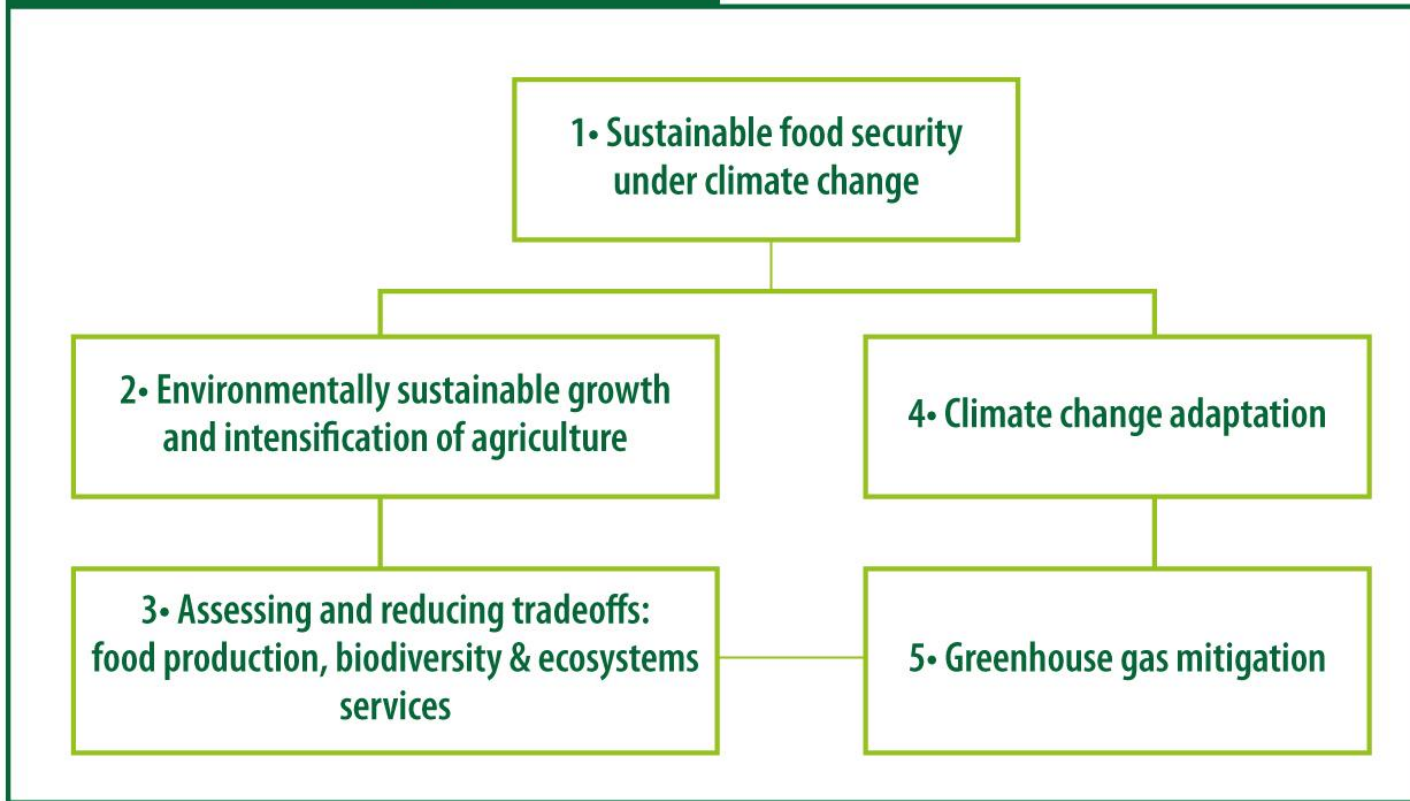
From a common strategic research agenda to joint research actions: A four stage process



FACCE-JPI Strategic Research Agenda

Launched in December 2012; updated in 2015

The five core themes forming the FACCE – JPI





8 ongoing joint actions +2 *under development*

(Green= with EC cofunding; pink= member-state funding)

€111M

CT1. Food security under CC

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

International call on food security and land use change **with the Belmont Forum (Brazil, India, Japan, South Africa, USA) (€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)

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 3 GRA countries (USA, Canada, NZ)-(€5.5M, 11 projects)**

FACCE ERA-NET Cofund on monitoring and mitigation of agricultural GHG (ERA-GAS) **with New Zealand-(€15M)**



FACCE-JPI Implementation Plans:

3 types of joint actions

- Actions that allow to align *already funded* research at national levels
 - Knowledge Hubs => Member-States' funding
 - Knowledge Network => Member-States' funding
 - Thematic Annual Programming Network => Member-States' funding
- Actions that allow to invest jointly in *new transnational research*
 - FACCE-JPI ERA-NETs => Member States + EC co-funding (Horizon2020)
 - Joint calls for research proposals (some with international partners)
=> Member-States' funding
- Actions that allow to explore *emerging joint research areas*
 - Exploratory workshops => Member-States' funding



Links with 4PRIMA

“Food systems and water resources for the development of inclusive, sustainable and healthy Euro-Mediterranean societies” (H2020 SC5)

- FACCE-JPI members agreed to support the 4PRIMA CSA (endorsement letter, Jan. 2016)
- **Objective:** Promote information-sharing, coordination, complementarity
- **Rationale:**
 - ✓ Similar thematic focus
 - ✓ Overlap in membership (e.g., France, Spain, Italy)
 - ✓ Better link between agricultural research and agricultural research for development *within* our members
 - ✓ Greater visibility for FACCE-JPI internationally





Thank you for you attention!

Email: caroline.lesser@paris.inra.fr

Website: www.faccejpi.com

