



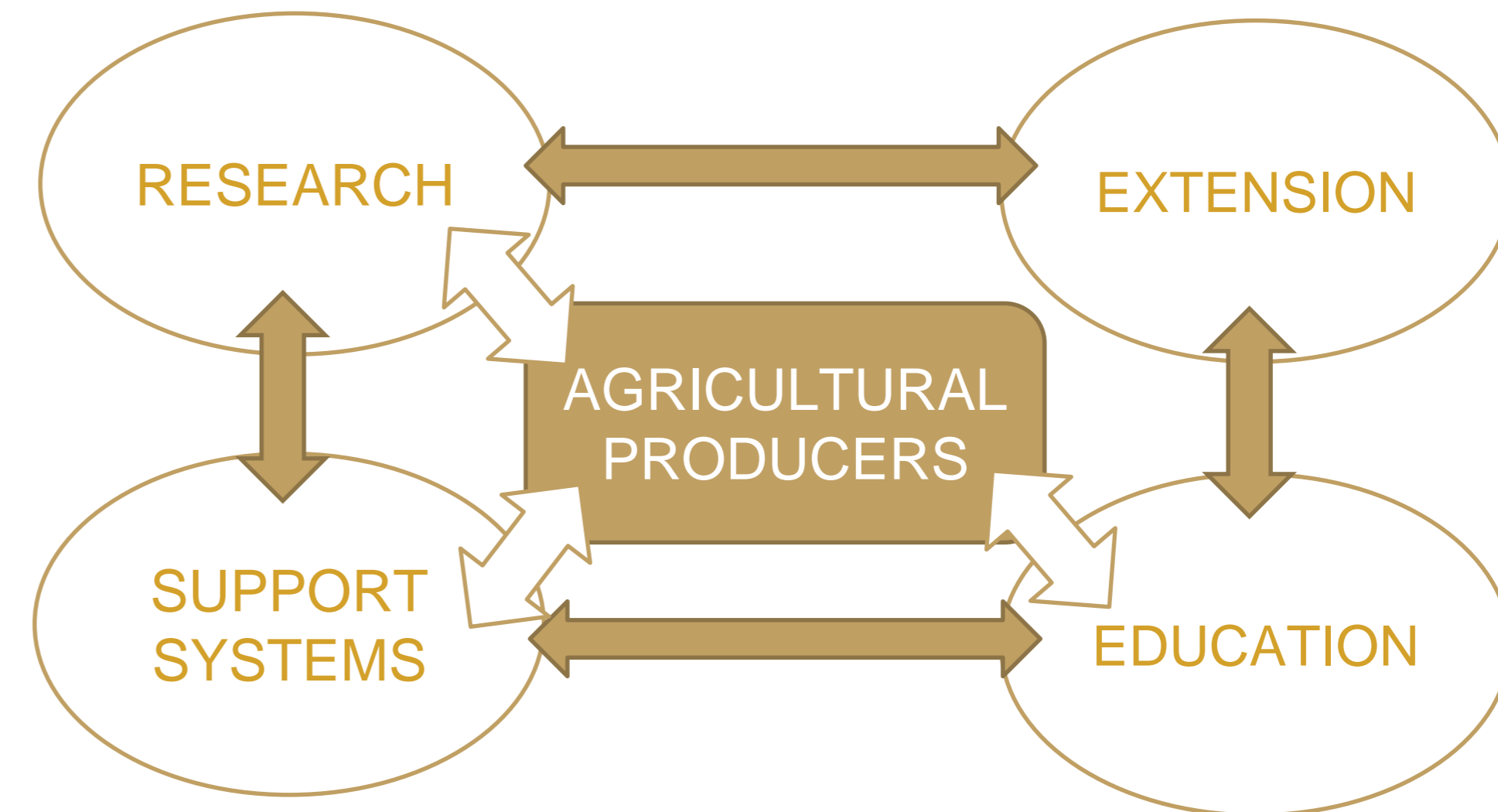
Research and Innovation for Agricultural and Food Systems Transformation in Developing Countries

DEVELOPMENT SMART INNOVATION THROUGH RESEARCH IN AGRICULTURE (DeSIRA)



BACKGROUND: NEW DIRECTION FOR INNOVATION TO ADDRESS THE SDG

- Need for **systemic changes** for agricultural and food systems transformation to address SDGs
- Importance of **innovation** to support systemic changes able to address urgent challenges (climate change, biodiversity, food security, etc.)
- Limit of the top-down **transfer of knowledge** and technology model to address systemic changes
- Importance of the Agricultural Innovation Systems emphasizing the key role of **networks** to create knowledge, access resources, and mobilize competencies



New vision of research

- **More science in development** for contributing to impact at scale
- **More interaction with actors to strengthen the capacities to innovate** (farmers, farmers' organizations, local communities, NGOs, private sector, public sector)

New approaches

- **Combine several research approaches:** academic research, participatory research, action-research, farmers research
- **Conduct several research activities:** knowledge production, design of methods, facilitation, capacity building, expertise

DeSIRA was launched in 2017 with first projects in 2019

DeSIRA was supported by

- **Key Commitments** : COP21, One Plant Summit 2017, Ouagadougou Declaration 2018
- **Key Consultations** : Member State, European Delegations, IFAD, FAO, BMG Foundation

DeSIRA is in line with the new EU Green Deal Policy and its Farm to Fork dimension

DeSIRA addresses **multiples and interconnected SDGs**

DeSIRA is funded by the European Commission : €340 million





FOSTER INNOVATION THROUGH RESEARCH TO CONTRIBUTE TO TRANSFORMATION OF AGRICULTURE AND FOOD SYSTEMS IN LOW AND MIDDLE-INCOME COUNTRIES

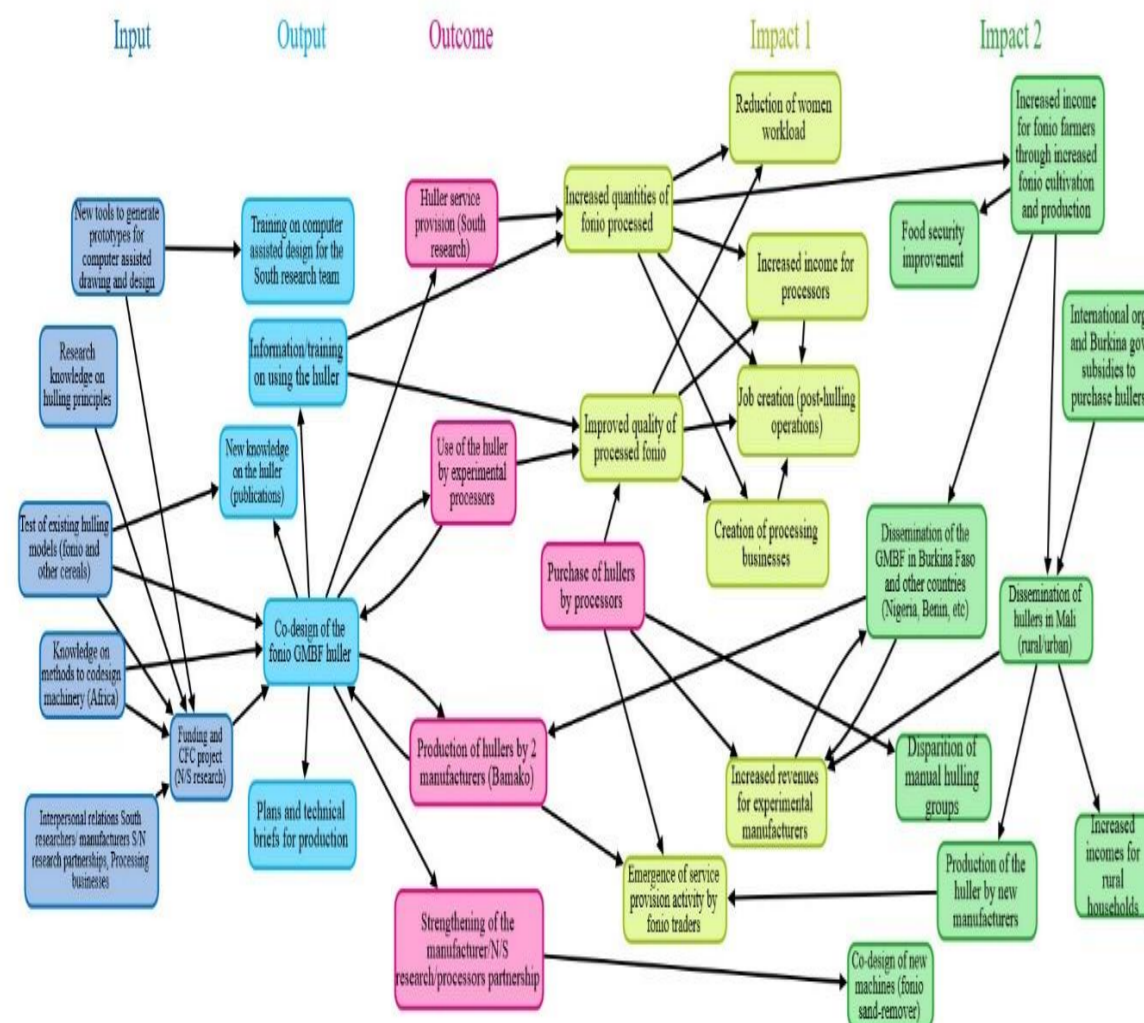
THREE PILLARS :

**Support innovation in agriculture for sustainable agricultural and food systems
(productive, inclusive, climate-sensitive)**

**Strengthen research capacities and governance mechanisms for improved Agricultural
Innovation Systems**

Enhance evidence for innovation and advisory services policies design and monitoring

- Joint Construction of DeSIRA interventions in line with both EU and MS **development agendas** and **national priorities** on agriculture and food systems
- Linking **research and innovation** to contribute to impacts at scale addressing climate change with clusters of projects funded by EU and EU MS
- Strengthening **national research capacities** both at individual and organizational levels
- Contributing to the African (FARA, CORAF, ASARECA, CCARDESA, AFAAS) and global **governance of research** (GFAR, TAP/FAO, CGIAR, AIRCA)
- Building strong **partnerships** involving European, International and National research capacities
- Fostering of **Agricultural Innovation Systems** and national innovation policies with a capacity to innovate based approach





- Addressing key challenges to **promote FNSSA** with climate change perspective
- Designing and monitoring an impact pathway approach based on a plausible theory of change
- Implementing a **multi-stakeholder approach** mobilizing farmers, private sector, public sector, civil society and researchers to promote innovation processes
- Joint designing of innovation with local actors based **on science and** other source of knowledge to change behaviors, skills and agricultural/managerial practices
- Strengthening innovation support services including advisory services

Pre-production and technology development : 9 projects

Agroecology and sustainable agriculture : 28 projects

Livestock management and pastoralism : 10 projects

Sustainable resources management : 11 projects

Strengthening of innovation support services and innovation policies: 8 projects

Other (Improved nutrition and food security, One health) : 2 projects



CHARACTERISTICS OF PROJECTS FOR STRENGTHENING INSTITUTIONAL RESEARCH CAPACITIES

- Contributing to the governance of agricultural research and innovation in Africa and at global level
- Designing and monitoring an impact pathway approach for research institutions based on a plausible theory of change **with climate change perspective**
- **Support to projects for research and innovation**
 - 10 projects





DeSIRA-LIFT (to be launched)

to support all the DeSIRA projects to strengthen their capacities to foster innovation,

to partner with the CAADP XP4 organizations in relationship with Innovation System approaches,

to provide policy recommendations regarding research and innovation for development.

PROJECTS IDENTIFICATION

is carried out by

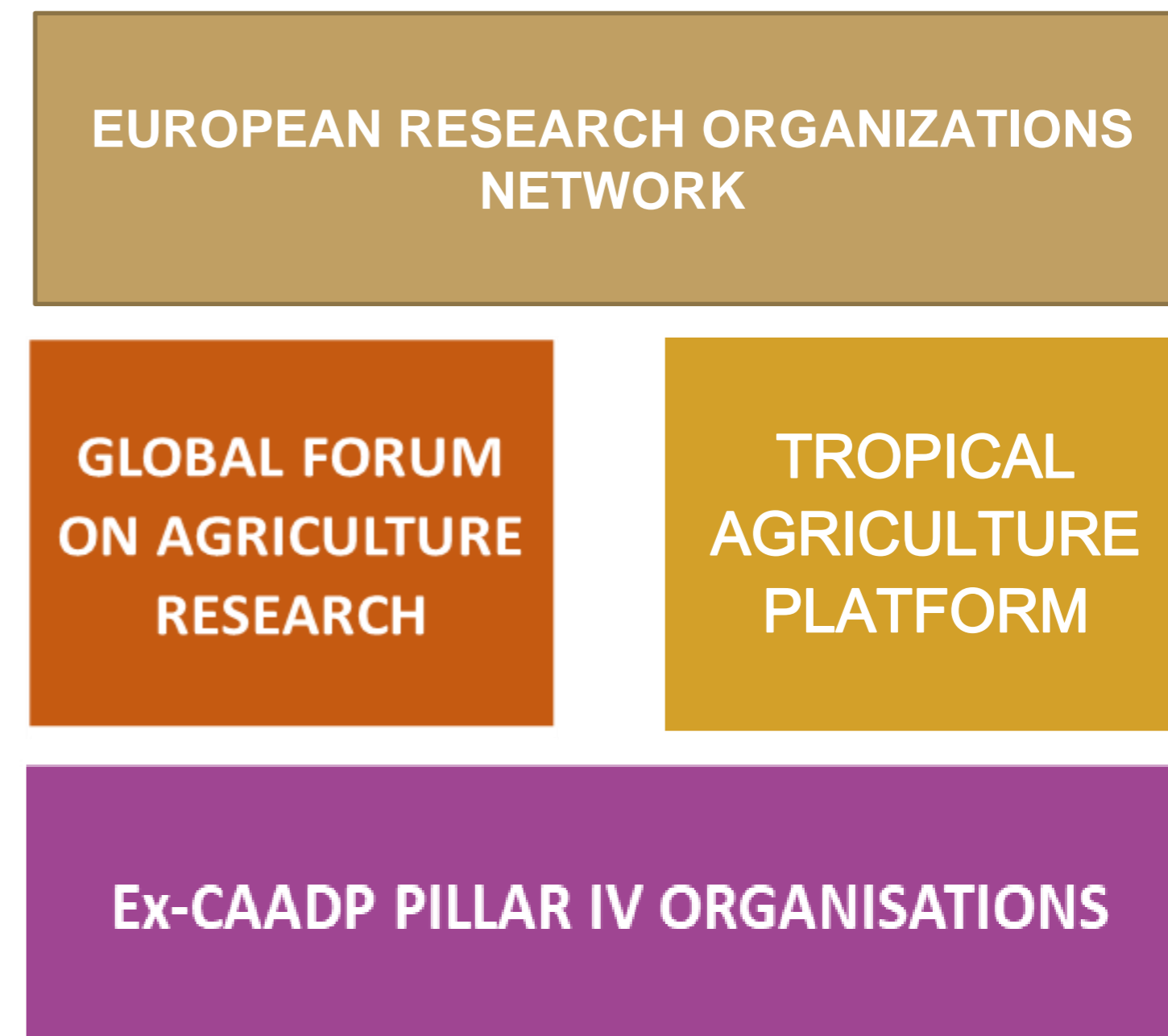
- **EU DELEGATIONS** based on national or regional priorities;
- **MEMBER STATES** under a co-funding framework;
- Concertation with **GLOBAL ACTORS**, as CAADP, GFAR, TAP

PROJECTS MANAGEMENT

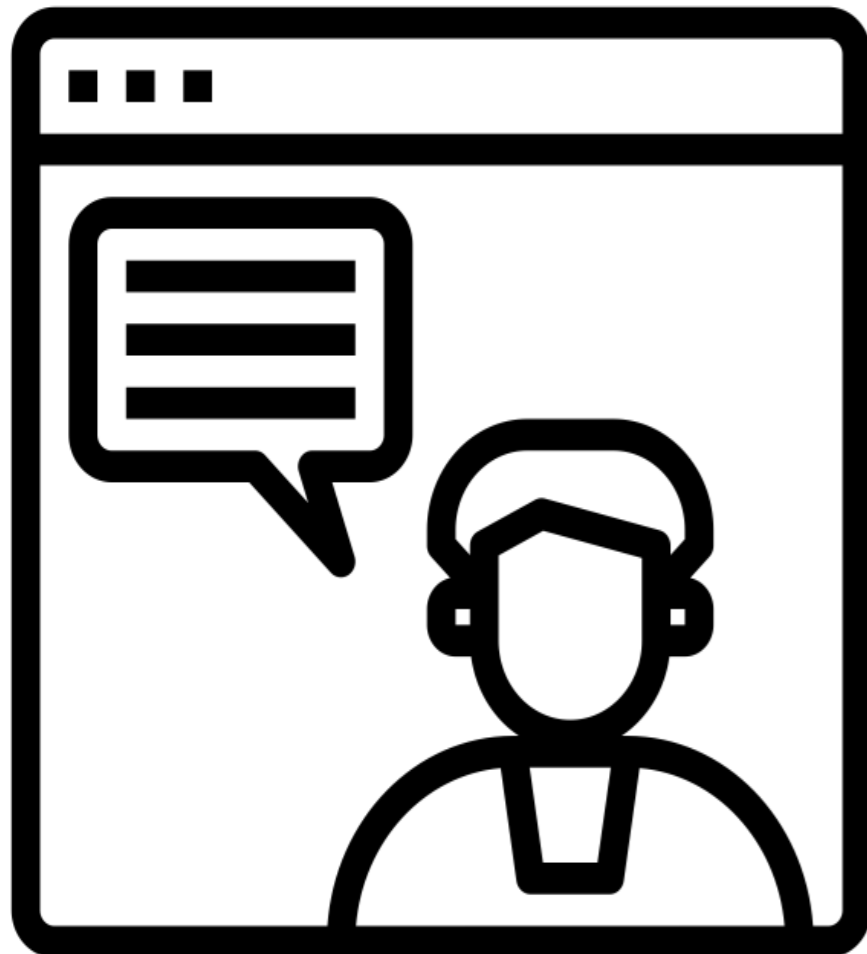
- **EU DELEGATIONS**

GOVERNANCE

- **PLATFORM** involving EU Member States and key strategic partners
- **TECHNICAL ADVISORY BOARD**



SUPPORT, KNOWLEDGE SHARING, CAPITALISATION are to be provided through:

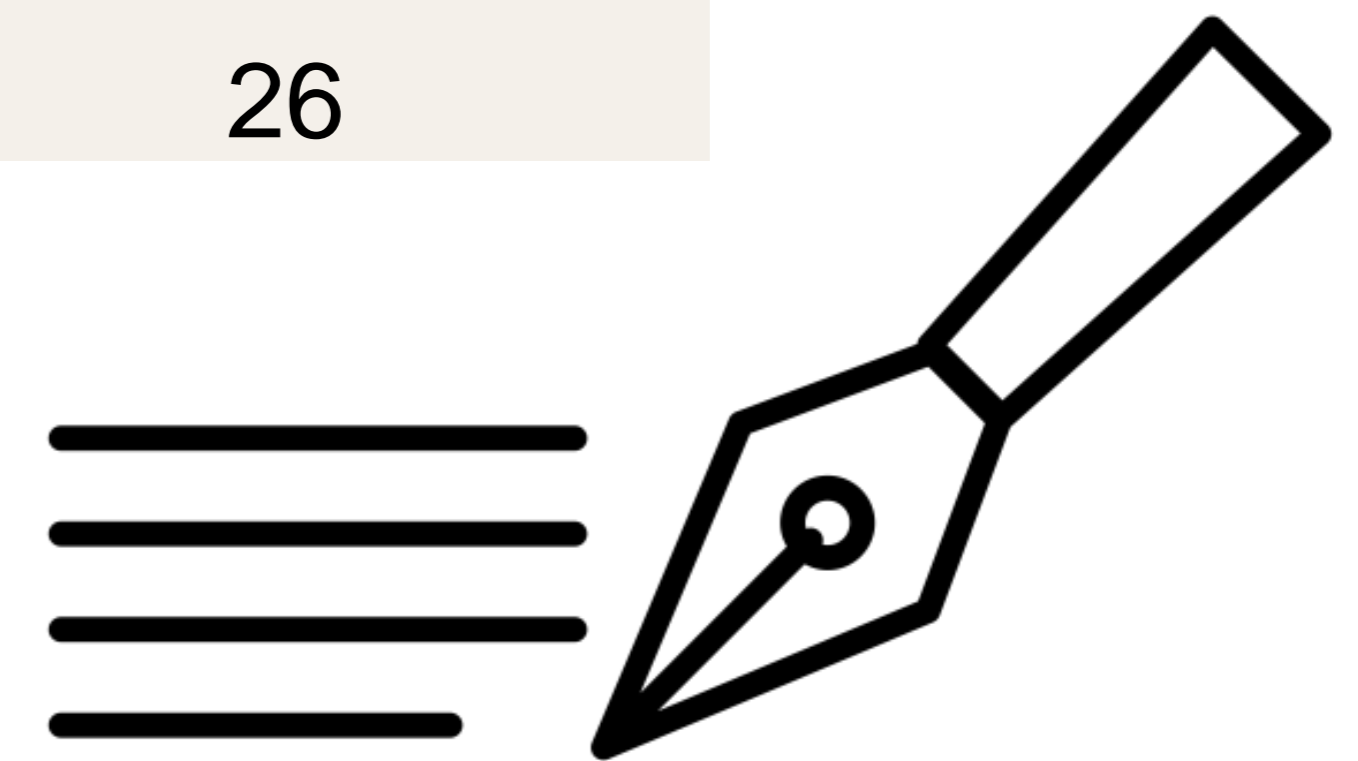


- **WEBSITE** : <https://europa.eu/capacity4dev/desira/>
- **NEWSLETTERS**
- **AGRINATURA** project to improve the culture of innovation, to draw lessons and design policy recommendations
- **MONITORING** and **EVALUATION** based upon key indicators



	Amount €	#Projects	# Countries
2018 (signed 2019/2020) Including support to GFAR, TAP/FAO, AFAAS, FARA, CORAF, ASARECA, CCARDESA	138.705.346	31	42
2019 (signed 2020/2021)	104.887.625	24	33
2020 (signed 2021) With GCAA+	96.240.000	24	26

Additional co-funding Member States : 47.000.000 €



THANK YOU