



North-South partnership in research and education for the transformation of food systems – Contribution of Horizon Europe

Agrinatura info point

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Agriculture and Rural Development



#EU_AgriResearch

**CLIMATE
PACT AND CLIMATE
LAW**



**PROMOTING
CLEAN
ENERGY**



**INVESTING IN
SMARTER, MORE
SUSTAINABLE
TRANSPORT**



PROTECTING NATURE



**STRIVING
FOR GREENER
INDUSTRY**



**FROM FARM
TO FORK**



The European Green Deal

**ELIMINATING
POLLUTION**



**LEADING THE
GREEN CHANGE
GLOBALLY**



**ENSURING
A JUST TRANSITION
FOR ALL**



**MAKING
HOMES ENERGY
EFFICIENT**



**FINANCING
GREEN
PROJECTS**



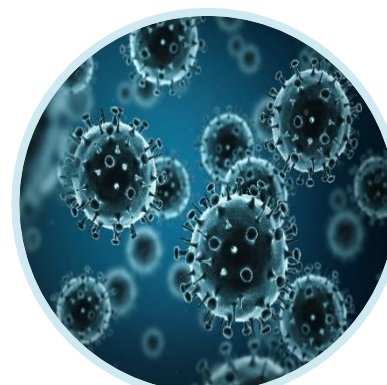
2030 Targets for sustainable food production



Reduce by 50% the overall use and risk of **chemical pesticides** and reduce use by 50% of more hazardous **pesticides**



Reduce **nutrient losses** by at least 50% while ensuring no deterioration in soil fertility; this will reduce use of **fertilisers** by at least 20 %



Reduce sales of **antimicrobials** for farmed animals and in aquaculture by 50%



Achieve at least 25% of the EU's agricultural land under **organic farming**



Horizon Europe - Destinations of the Work Programme 2021-2022



Horizon Europe - Encouraging synergies globally

- International cooperation dimension of R&I for European Green Deal and F2F is obvious
- Long-term partnerships
- Bi-regional / Multilateral cooperation
- EU-Africa R&I Partnership on Food and Nutrition Security and Sustainable Agriculture (FNSSA)
- International research consortia (IRC):
 - 1) **Star Idaz** on **animal health**;
 - 2) a new **IRC** in the area of **soil and carbon** in the making
- European Commission associated member of the Global Research Alliance on Agriculture Greenhouse Gases (GRA)



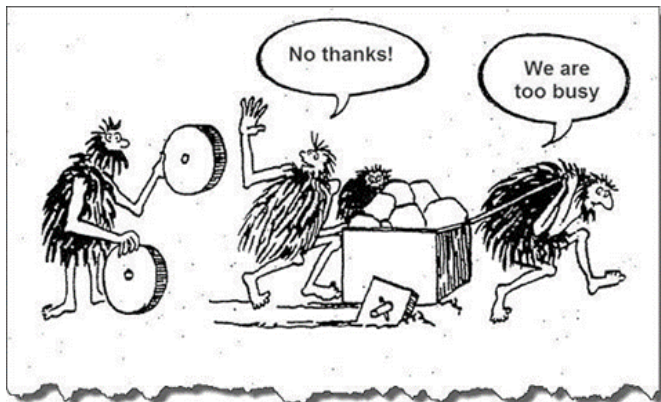
Horizon Europe - Encouraging synergies globally

- **But** Horizon Europe will not make it alone for the EU ...
- Horizon 2020 / Horizon Europe = 10-15% of Member State public R&I investments
- Other EU instrument are important and complementary
 - AR4D supported by INTPA
 - INTPA support to the CGIAR



Horizon Europe Encouraging synergies globally – key aspects

- Stability and long-term – no change of strategy every few years
- Working in synergies and in a coordinated manner
- Working on the whole R&I spectrum



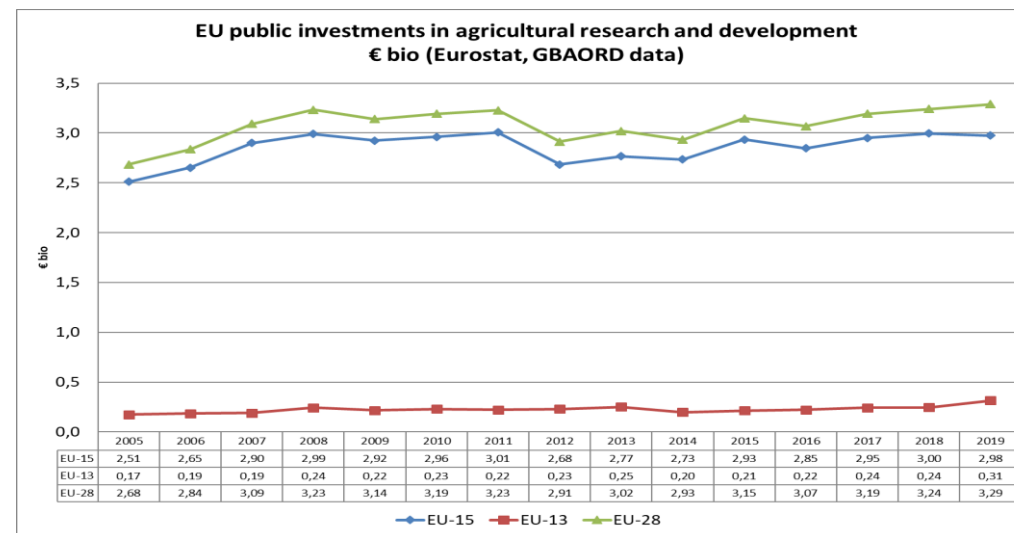
- Mobilising everyone
- **Multi-actor approach** in EU agricultural R&I – two-third of EU agriculture R&I investments under Horizon 2020

UN Food System Summit – some reflections

- *After food security crisis of 2007, there was an increase in R&I investments. Are countries going to pledge increasing investments in R&I international cooperation?*



- *Participatory research // excellence*
- *Plurality of solutions – “one size fits all” does not work*





Many thanks for your attention!

Innovation in action

<http://ec.europa.eu/eip/agriculture/>

