



Generalitat
de Catalunya

IRTA^R

Institut
de Recerca i Tecnologia
Agroalimentàries



IRTA^R

Institute
of Agrifood Research
and Technology

Scientific and
technological reference

Driver of innovation and
technological transfer

Strategic partner of
the agri-food industry

OP IRTA^R

Research Areas



Plant Production



Animal Production



Food Industries

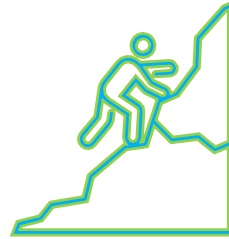
Agrifood Socio-Economics

Trends in Food Systems (HE 2021-2022)

What we are involved in?



Horizon Europe research calls to support a digital and green transition



CLUSTER 6 Food, Bioeconomy, Natural Resources, Agriculture and Environment

CIRCULARITY AND BIOECONOMY,

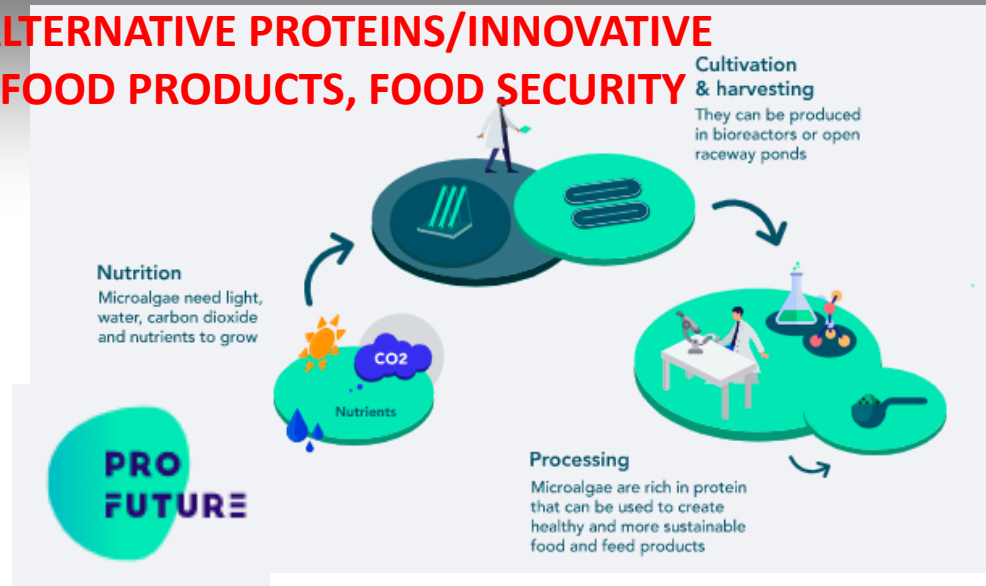
ZERO POLLUTION



CIRCULARITY & USE OF NEW TECH FOR BOOST SUSTAINABILITY



ALTERNATIVE PROTEINS/INNOVATIVE FOOD PRODUCTS, FOOD SECURITY



INNOVATIVE FOOD PRODUCTS, HEALTHY DIETS



Developing innovative plant-based added-value food products through the promotion of LOCAL Mediterranean NUT and LEGUME crops

CIRCULARITY, DIGITALISATION FOR INCREASING SUSTAINABILITY, ORGANIC AQUACULTURE



New technologies

Tools and Strategies for a Sustainable, Resilient and Innovative European Aquaculture

PLANT HEALTH AND ORGANIC FARMING

Reducing the negative impact of pesticides through innovation in Mediterranean olive groves and vineyards.





Animal welfare (data analysis, **smart**)

Animal health (**vaccines, biosecurity**)

Land-based **protein crop** systems

Plant health: IPM, Plant pests, Pesticides (**socio-economics**, risk assessment,...)

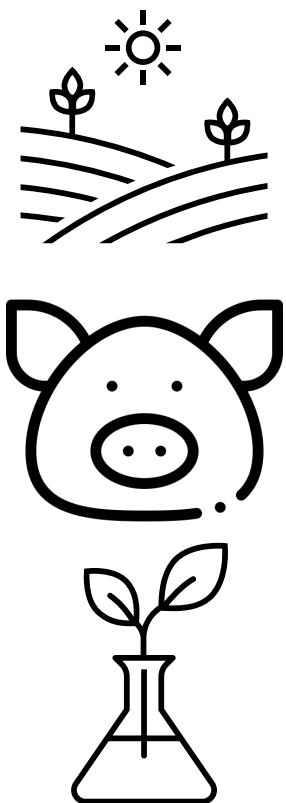
Digitalisation for farms (small and medium-sized)

Transparency and consumer engagement (**sea** to fork)

Food safety and **transparency** (**blockchain, new techs**)

Microbiomes in food systems, for bio-based innovation and environment applications

Zero food waste



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GRÀCIES!

¡GRACIAS!

THANK YOU!