

# Horizon Europe 2021

## Call factsheet



## Agroforestry to meet climate, biodiversity and farming sustainability goals

Agroforestry systems include both traditional and modern land-use systems where trees are managed together with crops and/or animal production systems in agricultural settings. These systems have the potential to increase ecosystem services -including soil carbon sequestration, water retention, erosion control, soil nutrients, pollination, pest- and disease-control - and biodiversity, while improving farming productivity, profitability and sustainability of farmers' incomes. Implementation of agroforestry in Europe needs to be boosted in order to maximise this potential.

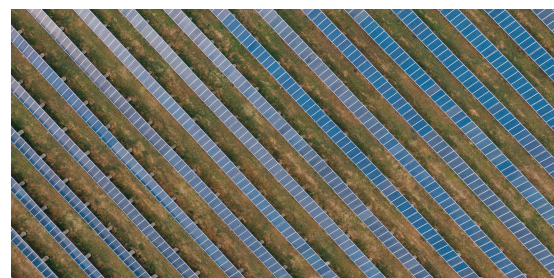
### Scope:

- Design agroforestry systems for climate change
- Develop methods and indicators for agroforestry systems
- Develop models and tools adapted to real farm conditions
- Enhance quantification of the contribution of agroforestry to ecosystem services underpinning climate change and to increased biodiversity
- Improve knowledge of the economic, environmental and social performance of agroforestry systems and their contribution to sustainable food and feed / non-food biomass production
- Develop a model to measure the impact of policies on agroforestry
- Design and implement a plan to boost networking and R&I support to agroforestry at regional level
- Develop a training package and guidelines to support farmers in designing business plans linked to value chain development

### Topics:

- Improved qualitative and quantitative data availability of the contribution of agroforestry to climate change, soil conservation and (agro-)biodiversity and to greater economic, environmental and social sustainability of farming
- Improved configuration and management of agroforestry systems
- Enhanced capacities of various actors to measure the economic, environmental and social performance of agroforestry
- Robust European agroforestry innovation ecosystem

Call overview, Produced 14/06/2021. Visit our website [www.opencalls.space](http://www.opencalls.space)



Horizon Europe

**The indicative budget for this category is EUR 8.00 (Million).**

### Reference:

**HORIZON-CL6-2021-CLIMATE-01-08**

Research and Innovation

Opening: 24 Jun 2021

Deadline: 29 Sep 2021

### Countries



all

### Technology



Satellite-based earth observation, positioning, navigation and/or related timing data and services with the use of Copernicus and/or Galileo/EGNOS (+other data and services)

### Activities



Research and innovation on agroecology, develop methods, indicators, models and tools

### Contact



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