

Horizon Europe 2021 Call factsheet



Modelling land use and land management in the context of climate change

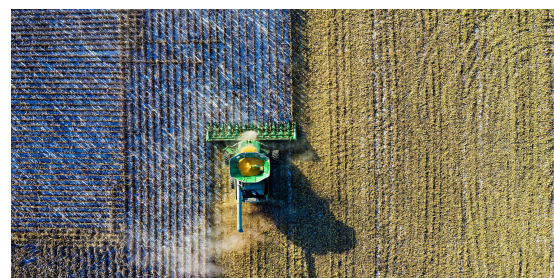
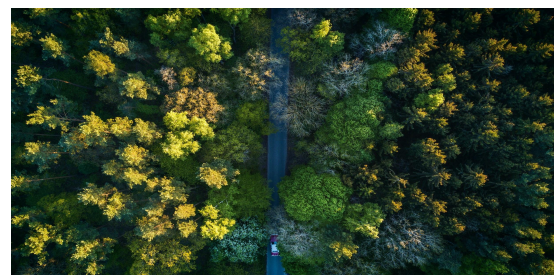
Land use and management has a key role to play in Europe in terms of boosting carbon storage, producing biomass for the bioeconomy, reducing urban sprawl and attaining the objective of climate neutrality by 2050 while ensuring food and nutrition security, biodiversity commitments and well-being in general. There are however substantial knowledge gaps regarding, in particular, the understanding of the impacts of farming / forestry practices at various scales, from local to global, and the capacity to model these impacts (economic and environmental).

Scope:

Analysis of land use dynamics and trends between arable land, permanent grassland, land abandonment / marginal lands, forest areas, for which quantifications and an identification of drivers and impacts should be done in an integrated manner.

Topics:

- Land use dynamics and explore the effects of policy measures that can influence such dynamics, in particular agricultural, land use and climate policies.
- Focus on agriculture and forest land use/cover extending to interactions of the former with other main land uses/covers and drivers
- Simulations and projections ranging from medium-term to long-term policy scenarios covering the whole of the EU and its Member States and possibly Associated Countries.



Horizon Europe

The indicative budget for this category is EUR 10.00 (Million).

Reference:

HORIZON-CL6-2021-GOVERNANCE-01-13

Research and Innovation

Opening: 24 Jun 2021

Deadline: 29 Sep 2021

Call overview, Produced 14/06/2021. Visit our website www.opencalls.space

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 land use and land management, simulations and projections on policy approaches

Contact



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