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Sustainable macroalgae systems for innovative, added-value applications: cultivation and optimised production systems

European Commission

The scope of this call, according to the EU, is whether exploiting its biomass or genetic potential, the aquatic environment may play a major role in a sustainable bioeconomy. It may help reduce pressure on land and contribute sustainably and more diversely to the supply of sustainable biomass for food, feed, and other industry applications. Design and engineering principles for marine biorefining are less developed compared to biorefineries for terrestrial crops. The development of sustainable, stable, and scalable cultivation technologies, as well as addressing sustainable and cost-efficient harvesting, product extraction and biorefinery processes, represents the main challenges of algal biotechnology for the production of high-value or bulk products. At the same time, care must be taken to avoid any detrimental effect on marine ecosystems and biodiversity from macroalgae cultivation (especially when carried out in open environments), even contributing to their regeneration.

Eligibility

- Any legal entity, regardless of its place of establishment, including legal entities from non-associated third countries or international organizations (including international European research organizations), is eligible to participate (whether it is eligible for funding or not).
- Countries associated with Horizon Europe.
- Low- and middle-income countries.

The award value for this call is around EUR 7000000.

The application deadline for this call is September 18, 2025.

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Opportunity Info

157 day(s) remaining

Amount: EURO 7,000,000

Date added: 2025-04-08

Deadline: 18 Sep 25

Email:

Tel:

Contact Person:

Collaboration Required: Yes

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