

Bioproducts: paving the way for a sustainable planet

Global challenges such as climate change, land and ecosystem degradation and the growth of the world population, force us to seek and promote a new and more sustainable economic model, applying new ways of producing and consuming that respect the limits of our planet.

Life sciences and technologies facilitate biological innovations that have the potential to use natural resources in a sustainable way, reducing dependence on fossil fuels, protecting the environment and climate, ensuring food security and maintaining international competitiveness.

The use of advanced knowledge about genes and complex cellular processes, the use of renewable biomass, efficient bioprocesses to promote sustainable production and the integration of biotechnological knowledge and applications in numerous fields are key elements to accelerate and improve the transition towards this more sustainable growth model.

Biotechnological research is aimed at improving the microorganisms involved in bioproduction, optimizing processes and the exploitation of raw materials not yet considered.

Moderator:

- **Inés del Campo**, Senior R&D Engineer, the National Renewable Energy- CENER, (Spain)

Speakers:

- **Carlos Rodriguez-Villa**, CEO, Algaenergy (Spain)
- **Begoña Ruiz**, Head of Biotechnology Department, AINIA (Spain)
- **Philippe Mengal**, Executive Director, BBI-JU (Belgium)
- **Michael Brandkamp**, Managing Director, ECBF-European Circular Bioeconomy Fund (Germany)