



# OLIVIER TALON & NOEMI LEROY-PARMENTIER

MATERIA NOVA WILL WILL USE LCA TOOLS AND METHODOLOGIES TO EVALUATE THE ENVIRONMENTAL PERFORMANCE OF THE GLOBAL BIOREFINERY SYSTEM AND IDENTIFY HOTSPOTS.

Olivier is a scientific leader and Noemi a research and development scientist at Materia Nova

## What will Materia Nova do?

- Materia Nova will use Life Cycle Assessment (LCA) tools and methodologies to evaluate the environmental performance of the global biorefinery system as a whole and to identify potential environmental hotspots so as to propose optimization routes in an eco-design perspective.
- An inventory will be established based for modelling the process, and a series of environmental impact indicators will be calculated and interpreted following the relevant ISO standards.

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