

## ABOUT MATERIA NOVA

Materia Nova is recognized as a technological accelerator of sustainable innovations in the field of new materials and processes.

The R&D center offers five different services:

- Materials and Processes conception and innovation
- Equipment Design and Process Upscaling
- Analysis and Characterization
- Life Cycle Thinking
- Project Development and Management

The approach of Materia Nova is based on an open and collaborative innovation.

From the understanding of the problems and requirements of our customers, we jointly select the best scientific and technical solutions which are then tested on a pilot-scale before industrialization. The development and the service provided are always unique and customized and give effective solutions as well as a major competitive advantage to our customers.

## OUR TECHNOLOGIES AND SOLUTIONS

Our expertise in **surface coatings and treatments**, in **polymers and composites** and in **biotechnology** is fertile ground for:

- developing new functional performances of materials,
- taking up the energy and environmental challenges of our society,
- protecting and promoting the health sector.

## OUR STRENGTHS

- A multidisciplinary team of experts
- A wide range of cutting-edge equipment
- An open and collaborative innovation strategy at national and international level
- Innovative projects for and with industrial companies
- Collaborations with R&D centers and universities worldwide
- A strong network of companies, spin offs and start-ups (B-SENS, ESIX, IONICS and NANO4)

## CONTACT

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UMONS  
Innovation Center



# LIFE CYCLE THINKING

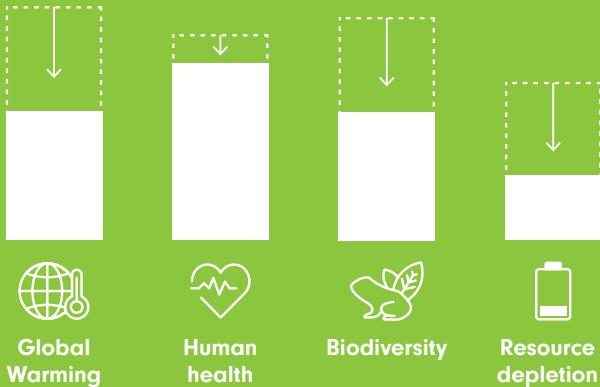
MATERIA NOVA,  
THE TECHNOLOGICAL  
ACCELERATOR  
OF YOUR  
ENVIRONMENTAL  
PERFORMANCE

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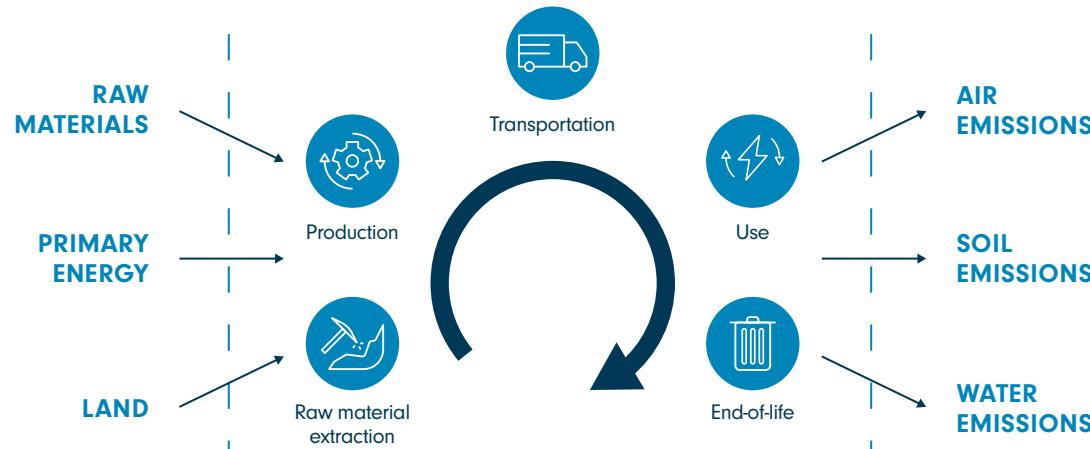


We use internationally recognized tools and methods to support the development of a greener economy

Reduce your impacts:



MEASURE      DEVELOP      IMPROVE      COMMUNICATE



Reduce your environmental footprint with a Life Cycle Perspective

- Scientifically measure the environmental performance** of your products and services
- Reduce energy and raw material consumptions** as well as releases into the environment and consequently **reduce costs**
- Compare** their performance to existing alternatives
- Communicate the results** to your clients, employees and investors to meet their expectations
- Set up, develop and manage strategies and improvement plans** at national and international level
- Find new paths to pool, valorize and create synergies** thanks to a broader industrial network
- Join the circular economy** with a product and organizational approach
- Monitor** and support compliance with **regulatory requirements**

