



Your partner in strategy, technology
and sustainability

**SCIENCE-BASED
CONSULTANCY
ON RENEWABLE
CARBON FOR
CHEMICALS AND
MATERIALS**

We support your
smart transition to
renewable carbon





Applied research for your needs

renewable carbon strategies

nova-Institute is a private and independent research institute, founded in 1994; nova offers research and consultancy with a focus on the transition of the chemical and material industry to renewable carbon.

What are future challenges, environmental benefits and successful strategies to substitute fossil carbon with biomass, direct CO₂ utilisation and recycling? What are the most promising concepts and applications? We offer our unique understanding to support the transition of your business into a climate neutral future.

Our subjects include feedstock, technologies and markets, economy and policy, sustainability, communication and strategy development.

nova-Institute has 42 employees and an annual turnover of more than 3 million €.

www.nova-institute.eu

RENEWABLE CARBON

Renewable carbon entails all carbon sources that avoid or substitute the use of any additional fossil carbon from the geosphere.

Renewable carbon can come from the atmosphere, biosphere or technosphere - but not from the geosphere.

Renewable carbon circulates between atmosphere, biosphere and technosphere, creating a carbon circular economy.

The equivalent to decarbonisation in the energy sector is a transition to renewable carbon in the chemical and plastics industries.

TECHNOLOGY & MARKETS

- Market Research
- Innovation & Technology Scouting
- Trend & Competitive Analysis
- Supply & Demand Analysis
- Feasibility & Potential Studies
- Customised Expert Workshops

SUSTAINABILITY

- Tailor-made Life Cycle Assessments
- Customised Carbon Footprint Calculation Tools
- Social Impact Assessment & Social Acceptance
- Comprehensive Sustainability Assessments
- Sustainability Integrated Technology Development (SUITED)
- Critical Reviews

RENEWABLE CARBON



COMMUNICATION

- Comprehensive Communication & Dissemination in Research Projects
- Communication & Marketing Support
- Network of 60,000 Contacts to Companies, Associations & Institutes
- Targeted Newsletters for 17 Specialty Areas of the Industry
- Conferences, Workshops & nova Sessions
- In-depth B2C Research

ECONOMY & POLICY

- Micro- and Macroeconomics
- Techno-Economic Evaluation (TEE) for Low & High TRL
- Target Price Analysis for Feedstock & Products
- Strategic Consulting for Industry, Policy & NGOs
- Political Framework, Measures & Instruments
- Standards, Certification & Labelling

Selected customers

IKEA of Sweden



nova-Institute's activities

- Partner in 15 - 20 research projects per year in Europe and around the world
- Publication of 5 market and trend reports per year



- More than 50 science-based consultations per year for companies, associations, policy and NGOs
- Organisation of 5 leading conferences and several workshops per year



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Michael Carus
Founder & CEO



Linda Engel
COO &
Head of Communication

nova-Institute is a science-based research and consultancy company. Organiser of leading expert conferences, workshops and webinars.

Head of Departments



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Multidisciplinary and international team of 42 scientists, get to know our experts at www.nova-institute.eu/nova-team

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