

Science-based Consultancy on Renewable Carbon for Chemicals and Materials

nova-Institute 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.

Fields of activity

Technology and Markets

- Market research
- Innovation and technology scouting
- Trend and competitive analysis
- Supply and demand analysis
- Feasibility and potential studies
- Customised expert workshops

Sustainability

- Life Cycle Assessments (ISO14040/40, PEF Conform)
- Carbon footprint studies and customised tools
- Initial sustainability screenings and strategy consultation
- Holistic sustainability assessment (including social and economic impacts)
- GHG accounting following recognised accounting standards
- Critical reviews for LCA or carbon footprint reports
- Sustainability reporting and claims

Economy and Policy

- Strategic consulting for industry, policy and NGOs
- Political framework, measures and instruments
- Standards, certifications and labelling
- Micro- and macroeconomics
- Techno-economic evaluation (TEE) for low and high TRL
- Target price analysis for feedstock and products

Communications

- Comprehensive communication and dissemination in research projects
- Communication and marketing support
- Network of 60,000 contacts to companies, associations and institutes
- Targeted newsletters for 19 specialty areas of the industry
- Conferences, workshops and nova Sessions
- In-depth B2C and social acceptance research

Foundation

- 1994

Turnover

- 4 million €

Employees

- 45

Key topics

- Renewable carbon economy
- Biomass
- CO₂
- Recycling

Key services

- Sustainability consulting
- Research projects
- Market reports
- Conferences and Workshops
- Renewable Carbon Initiative

More information

nova-institute.eu

renewable-carbon.eu

Annual conferences

- Renewable Materials Conference
- Advanced Recycling Conference
- Cellulose Fibres Conference
- CO₂-based Fuels and Chemicals Conference

All events at www.renewable-carbon.eu/events

Renewable Carbon Initiative

nova is founder and lead partner of the Renewable Carbon Initiative (RCI). The interest group addresses the core problem of climate change, which is extracting and using additional fossil carbon from the ground that will eventually end up in the atmosphere.

RCI aims to support and speed up the transition from fossil carbon to renewable carbon for all organic chemicals and materials.

www.renewable-carbon-initiative.com



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Renewable Carbon Initiative

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