

Applied Research for your Needs

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.

Fields of Activity

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

- Life Cycle Assessments (ISO 14040/44, PEF Conform)
- Carbon Footprint Studies & Customised Tools
- Initial Sustainability Screenings & Strategy Consultation
- Holistic Sustainability Assessment (incl. Social and Economic Impacts)
- GHG Accounting Following Recognised Accounting Standards
- Critical Reviews for LCA or Carbon Footprint Reports

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

- Comprehensive Communication & Dissemination in Research Projects
- Communication & Marketing Support
- Network of 60,000 Contacts to Companies, Associations & Institutes
- Targeted Newsletters for 19 Specialty Areas of the Industry
- Conferences, Workshops & nova Sessions
- In-depth B2C Research & Social Acceptance Research

Associations and Bodies

nova-Institute is founder and lead partner of the Renewable Carbon Initiative (RCI).
renewable-carbon-initiative.com

FOUNDATION

- 1994

TURNOVER

- 4 million €

EMPLOYEES

- 45

KEY TOPICS

- Biomass
- CO₂
- Recycling

KEY SERVICES

- 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 3 leading conferences and several workshops per year

Departments



Technology & Markets

Achim Raschka

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Sustainability

Matthias Stratmann

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Ecology & Policy

Lara Dammer

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Communication

Dr. Gerrit Frerich

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Selected Customers

Associations / Clusters / NGOs

AVK (DE), APAG (EU), BIC (EU), BioEconomy Cluster (DE), Birdlife (EU),
CEFIC (EU), CLIB2021 (DE), CO₂ Value Europe (EU), EIHA (EU), EPF (EU),
IAR (FR), IBB (DE), VHI (DE), WWF (US/DE)

Chemistry, Plastics & Composites

AEP Polymers (IT), Anellotech (US), Avantium (NL), BASF (DE/CA),
Beiersdorf (DE), BGene (FR), BioBTX (NL), Borregaard (NO), BRAIN (DE),
Corbion (NL), Covestro (DE), CropEnergies (DE), DSM (NL), DuPont (US/DE),
Electrochea (DE), Eastman (US), Elastopoli (FI), EnobraQ (FR), Eridania Sadam (IT),
Evonik (DE), ExxonMobil Chemical (BE/US), FKuR (DE), Fortum (FI), Gidetec (FI),
Global Green Chemicals (THA), Golden Compound (DE), Hemp Plastics (US),
Honeywell (US), Hyne Timber (AU), InnoEnergy (NL), Kraton (US), Metsä Fibre (FI),
Mitsubishi Chemicals (JP), Mondi (AT), Neste (FI), Orbia/Vestolit (MX/DE),
PCC SE (DE), Peter Greven (DE), SABIC (NL/SA), Sappi (SA), Sojitz (JP),
Stora Enso (SE), Südzucker (DE), Suiker Unie (NL), Teijin (JP), Total (FR),
Uniper (DE), UPM (FI), Wacker (DE), Yncoris (DE)

End Applications

adidas (DE), Colruyt (BE), ESE Expert (DE), Essity (SE), geobra Brandstätter
Stiftung/PLAYMOBIL® (DE), Glanbia (IR), Hübner Group (DE), IKEA of Sweden (SE),
Kosche (DE), Lego (DK), Leifheit (DE), Logocos (DE), Nestlé (CH), Mollenhauer (DE),
Müller Group (DE), Neudorff (DE), REWE (DE), Schwarz Gruppe (DE), Staedtler (DE),
Tesa (DE), Tetra Pak (CH), Toyobo (JP), Unilever (UK/NL), Velux (DK), Viventions
(FR), WhiffAway (UK), Wöhner/Sinit (DE)

Consulting & Financing

AFC Consulting (DE), Blezat Consulting (FR), Boston Consulting Group (DE),
BT2i (FR), Clever Consult (BE), ClouPartners (DE), Deloitte (NL), E4Tech (UK),
ECBF (DE), Ecorys (FR), EIT InnEnergy (NL), Ernst & Young (FR/DE),
Inter-American Development Bank (US), KfW (DE), KPMG (MY), meó Consulting (DE)

Ministries & Institutions

BfN (DE), BMBF (DE), BMELV (DE), Business Finland (FI), CBE JU (EU),
DBU (DE), DECC (UK), DEFRA (UK), European Commission (DG Climate,
DG Env, DG Env, DG RTD), FAO (IT), Innovation Norway (NO), FNR (DE), GIZ (DE),
Ministry of Economic Affairs (NL), Ministry of Environment and Agriculture (DK),
MWIDE NRW (DE), Netherlands Enterprise Agency (NL), NIA (TH), OECD (EU),
Province of Groningen (NL), UBA (DE)

CONTACT

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