

THE RENEWABLE CARBON INITIATIVE

Shape the Future of the Chemical and Material Industry



Circular Economy

Members of the Initiative

Brands

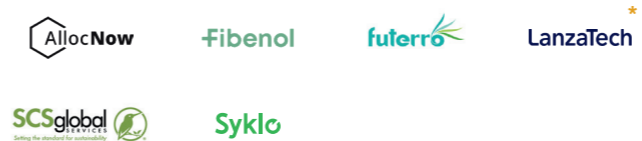


Large Suppliers



* Board Member

SME



Start-ups



Research Institutes



Partners



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#RenewableCarbon

Registered in the EU Transparency Register:
683033243622-34



Join now and be Part of the Change!

Defossilisation through Renewable Carbon

Chemicals and Materials Cannot Be Decarbonised – They Must Be Defossilised.

Almost 75% of human-made GHG emissions are directly linked to fossil carbon extracted from the ground.

Decarbonisation is a good strategy for the energy and transport sectors, but strictly speaking not feasible for chemicals and materials, because most of them are based on carbon. On the opposite, there is a lasting and even increasing need for carbon for chemicals and materials.

For chemicals and materials, carbon forms the molecular backbone, which by nature cannot be removed or decarbonised.

Therefore, the key challenge is not to eliminate carbon, but to defossilise the chemical and materials industry by replacing fossil carbon with **renewable carbon** sourced from **biomass, captured CO₂ and recycling of carbon-containing waste streams (bio and plastic waste)**.

This **defossilisation** is essential for achieving climate neutrality and for building a circular carbon economy.



Access to RCI's Scientific Background Reports and Position Papers

renewable-carbon-initiative.com/publications

Why leading companies join RCI

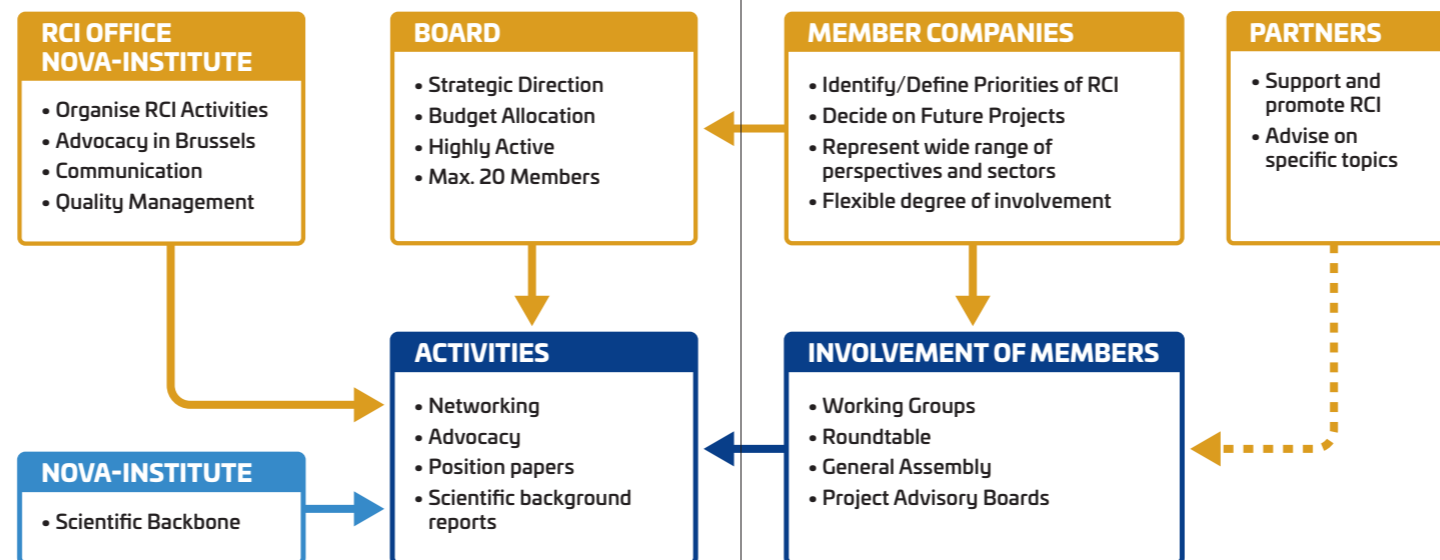
- Stay at the forefront of the debate on defossilisation
- Help to define the priority topics tackled by RCI each year at the General Assembly
- Actively advance the development of these topics via scientific background reports and position papers
- Actively shape EU policy and standards instead of reacting to them through robust, evidence-based arguments
- Support the development of methodologies, certification systems and industry benchmarks
- Gain early insights into regulation and sustainability requirements
- Strengthen your company's credibility through science-based data and position papers and demonstrate leadership in transitioning away from fossil carbon.
- Connect and collaborate with pioneers across the value chain
- Be an early mover that turns defossilisation into competitive advantage

Trusted, connected, impactful

RCI operates at the right levers of change. The most important "flagship" engagements are with:

- **Different DGs of the European Commission**
- **The Joint Research Centre (JRC)**
- **Policy expert groups like**
 - the Critical Chemicals Alliance (CCA)
 - the Environmental Footprint Technical Advisory Board (EF TAB)
 - the Ecodesign Forum (ESPR)
- **Relevant stakeholders such as**
 - the Science-Based Targets initiative (SBTi)
 - the World Economic Forum (WEF)
 - close cooperation with several associations (see RCI partners)
 - and many others.

RCI is highly recognised as an independent, science-driven voice.



About us

RCI is an independent, science-driven mix of think tank and interest group dedicated to accelerating the defossilisation of chemicals and materials.

All companies working with renewable chemicals and materials – based on biomass, carbon capture and utilisation (CCU), or recycling – and/or committed to transitioning away from fossil carbon sources are welcome to join the Renewable Carbon Initiative. RCI members profit from a unique network of pioneers in the sustainable chemical industry, creating a common voice for the feedstock transition towards a renewable carbon economy.

We combine scientific expertise with direct policy engagement to make renewable carbon credible, measurable and scalable and to help shape regulation rather than react to it.

Working closely with policymakers, standardisation and certification bodies and leading companies, RCI drives the transition from fossil to renewable carbon.

Renewable Carbon

