

THE RENEWABLE CARBON INITIATIVE

Shape the future
of the chemical and
material industry



ABOUT RENEWABLE CARBON

80% from the GHG emissions are directly related to additional fossil carbon from the ground. Decarbonisation is a good strategy for the energy sector, but strictly speaking not feasible for chemicals and materials, because most of them are based on carbon. There is a lasting need for carbon for chemicals and materials.

The key challenge is to replace fossil carbon by alternative carbon sources. Those alternative carbon sources are biomass, CO₂ and recycling of carbon-containing waste streams (bio and plastic waste). We call these alternative carbon sources “renewable carbon”.

THE DEFINITION

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 biosphere, atmosphere or technosphere – but not from the geosphere. Renewable carbon circulates between biosphere, atmosphere or technosphere, creating a carbon circular economy.

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

THE AIM

The aim of the Renewable Carbon Initiative (RCI) is to support and speed up the transition from fossil carbon to renewable carbon for all organic chemicals and materials.

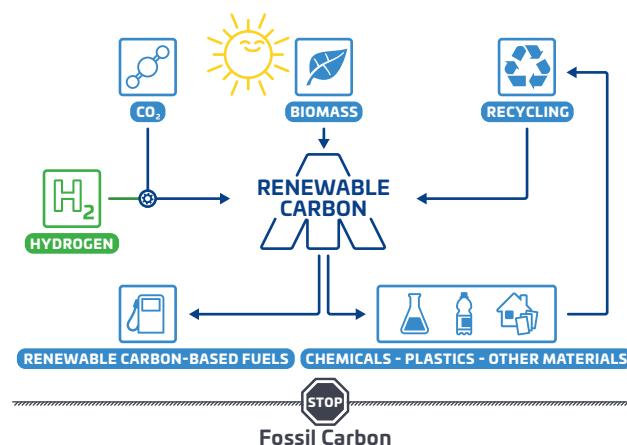
RCI addresses the core problem of climate change, which is extracting and using additional fossil carbon from the ground that will eventually end up in the atmosphere. Companies are encouraged to focus on phasing out fossil resources and to use renewable carbon instead.

The initiative wants to drive this message, initiating further actions by bringing stakeholders together, providing information and shaping policy to strive for a climate-neutral circular economy.

THE VISION

Fossil carbon shall be completely substituted by renewable carbon, which is carbon from alternative sources: biomass, CO₂ and recycling.

RENEWABLE CARBON



WHY JOIN RCI?

RCI is an organization for all companies working in and on renewable chemicals and materials – plastics, composites, fibres and other products can be produced either from biomass, directly via CO₂ utilisation, or recycling.

RCI members profit from a unique network of pioneers in the sustainable chemical industry.

RCI OFFERS ITS MEMBERS

- A common voice for the renewable carbon economy.
- Increased visibility of their individual renewable carbon solutions.
- Collective advocacy work to create a supportive regulatory and economic framework.
- Support in finding solutions for your specific problems on the way to your renewable carbon goals.

JOIN NOW

**RENEWABLE
CARBON**  **INITIATIVE**

**BECOME A PART OF THE RENEWABLE
CARBON COMMUNITY (RCC) AND
SHAPE THE FUTURE OF THE CHEMICAL
AND MATERIAL INDUSTRY**

[www.renewable-carbon-initiative.com/
membership/application](http://www.renewable-carbon-initiative.com/membership/application)



ADVOCACY

RCI drives the message of renewable carbon and represents its stakeholders to the public and decision-makers.



SHAPING THE INITIATIVE

Members actively shape the direction of the initiative and the renewable carbon strategy.



VISIBILITY

Members are part of the RCI communication activities and therefore highly visible and convey credibility. Get recognised as a pioneer in the transition to renewable carbon.



WORKING GROUPS

Members can form working groups on their desired topics, such as technology and policy.



ACCESS

Members receive intimate information about RCI activities, strategies and budget allocations.



NETWORKING

Nobody can do it alone! Together with other RCI members you will create an eco-system for renewable carbon solutions – the renewable carbon community. All RCI members meet twice a year, once in person, once online.



JOINT RESEARCH

Members will be informed about upcoming research calls and the renewable carbon community will serve as a pool for project partners. Members can commission joint market and technology reports.

**RENEWABLE CARBON INITIATIVE (RCI)
WAS FOUNDED IN SEPTEMBER 2020.
RCI MEMBERS ARE COMMITTED TO
CREATE A SUSTAINABLE, FOSSIL-FREE
FUTURE FOR THE CHEMICAL AND
MATERIAL INDUSTRY.**

MEMBERS

Beiersdorf

BioBTX

Cosun Beet
COMPANY



Givaudan



iff

LanzaTech

Lenzing
Innovative by nature

NESTE



SHV ENERGY



TripleW³



UPM BIOFORE
BEYOND FOSSILS

PARTNERS



More members, partners and information
www.renewable-carbon-initiative.com

#renewablecarbon

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