

renouvo

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Objective
PlaNET
Zero

The image is a vertical composition. The left half is a solid, vibrant teal color. The right half is an aerial photograph of a lush, green forest. A light-colored, winding river or stream meanders through the dense canopy of trees. The text "Be part of something meaningful" is overlaid on the forest image, centered horizontally and vertically.

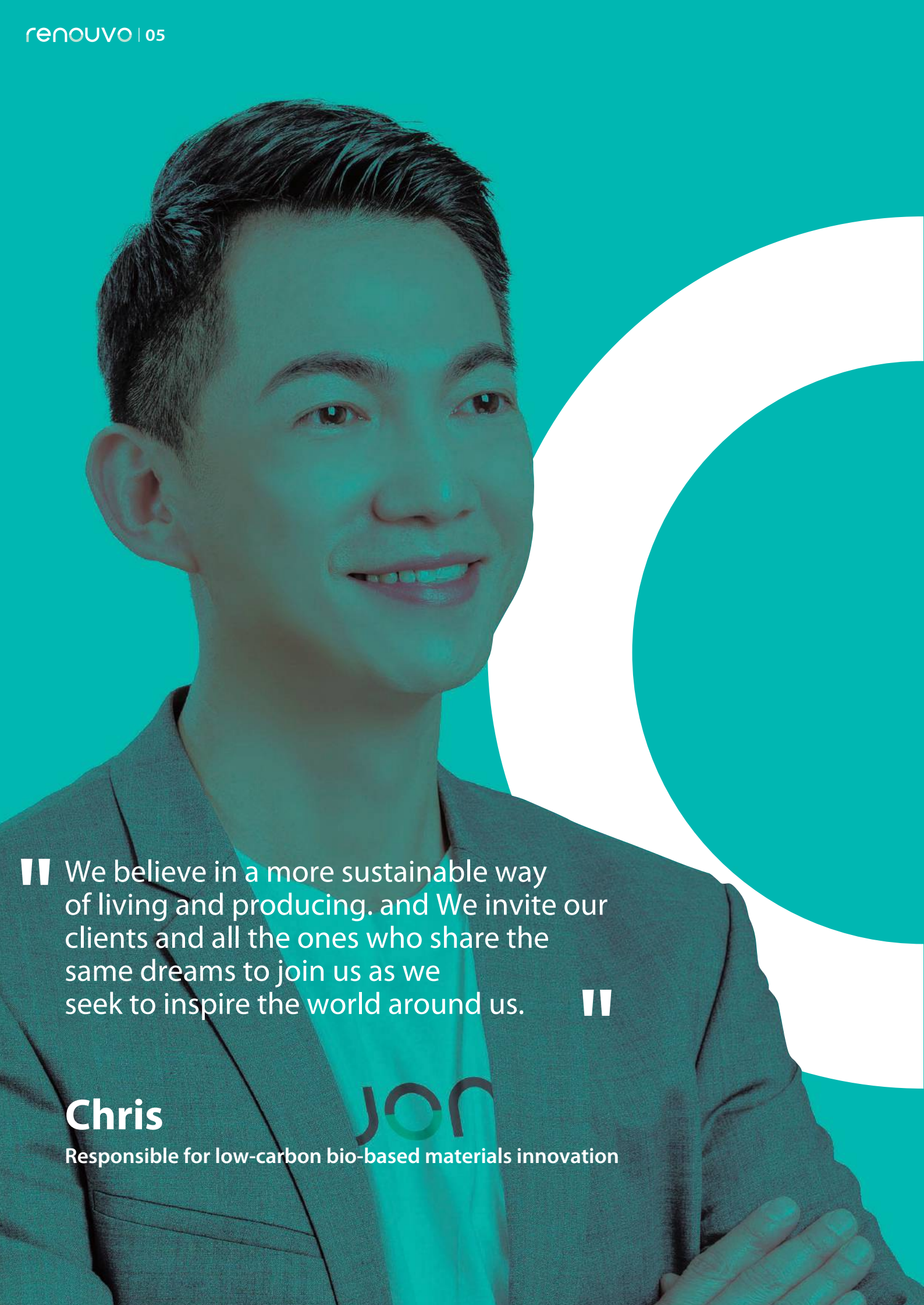
**Be part of something
meaningful**



From earth to earth

Have you impacted the world around you lately?
Have you made it greener? More sustainable?
Maybe you have contributed to a net-zero planet.
Whether this is an aspiration or a reality,
Whether the goals are out of reach or at arm's length,
It takes a fair amount of courage
A dose of curiosity
And a whole lot of commitment
To make a meaningful difference to our environment.

And that's where we come in.
Renouvo is an amazing team of people who have taken
the leap
And who are dedicating themselves to a world where
products are also 100% compostable.
From straws to tableware and many other and reusable
items,
We have developed technologies regenerating
agricultural plant waste and transforming it into
materials which fit perfectly with the needs of today for
a more sustainable way of life.
Every day, we are inspiring change
And we invite you to join us and be part of something
meaningful
Because we share the same dreams.



“ We believe in a more sustainable way of living and producing. and We invite our clients and all the ones who share the same dreams to join us as we seek to inspire the world around us. ”

Chris
Responsible for low-carbon bio-based materials innovation

We are a net zero team



Tony
In charge of Global Commerce



Jim
Product development and production oversight



Alex
Responsible for administrative policies and personnel operational guidelines



Chloe
Responsible for brand communication and marketing implementation



renouvo, Taiwan Green Material R&D Center & Global Operation Headquarters

SUSTAINABLE DEVELOPMENT GOALS



Innovative Materials; renouvo's R&D strategy

Established in 2018, Renouvo has set up a low-carbon material R&D center and global operations headquarters at the Central Taiwan Innovation Campus. Leveraging the team's broad and diverse expertise in materials science, Renouvo specializes in developing plant-based materials by transforming regenerative agricultural waste into innovative solutions for new markets. Their unique approach enables them to provide low-carbon plastic-free solutions with a focus on sustainability.

Our growth strategy prioritizes achieving net zero through renewable materials, optimized plant resources, and sustainable solutions. We collaborate with partners in technological fields to drive innovation and align with market expectations.

Renouvo endeavors to offer sustainable and innovative solutions that align with the United Nations' Sustainable Development Goals (SDGs), amid ongoing economic, environmental, and social challenges worldwide.

renouvo's expertise in plant technology



ISO 22000:
2018 Food Safety
Management System

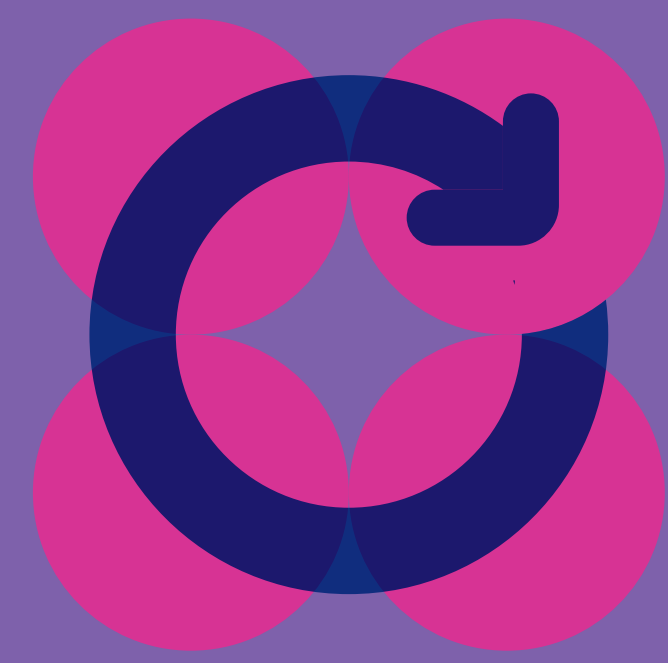


ISO 9001:
2015 Quality
Management System



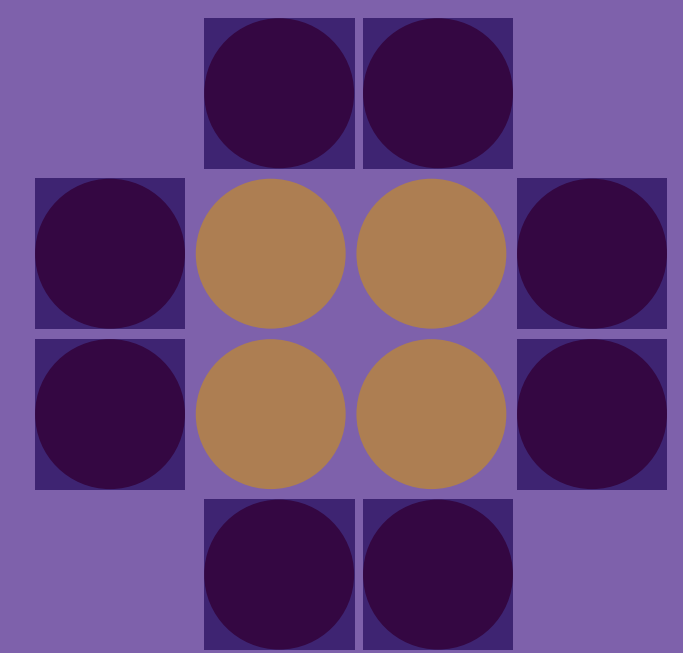
HACCP Hazard Analysis
Important Control Point
System

We've produced sustainable, high-performance materials for 15 years, replacing crude oil-based materials with bio-based alternatives made from agricultural waste such as bagasse, coffee grounds, grape pomace, rice hull pomace, bamboo pomace, tea pomace, and pineapple leaf residue. This reduces greenhouse gas emissions and helps our customers meet their climate plan objectives.



01
waste
regeneration
technology

02
Granulation



03
Shaping

Low Carbon Bio-Circular Green Economy



Renouvo is committed to material innovation and improving production processes to reduce carbon footprint. Our sugarcane tableware has obtained the PAS 2050/ISO 14067 carbon footprint certification issued by the British Standards Institute (BSI), which calculates the greenhouse gas generated in each stage of the life cycle from materials, production, transportation, distribution, use and the final disposal. In the face of the climate and environmental crisis, we are committed to providing bio-based, renewable and environmentally friendly specialty materials. This approach sets Renouvo apart as a company that not only reduces its own GHG emissions but also offers solutions to help customers reduce their environmental footprint.



Innovative materials



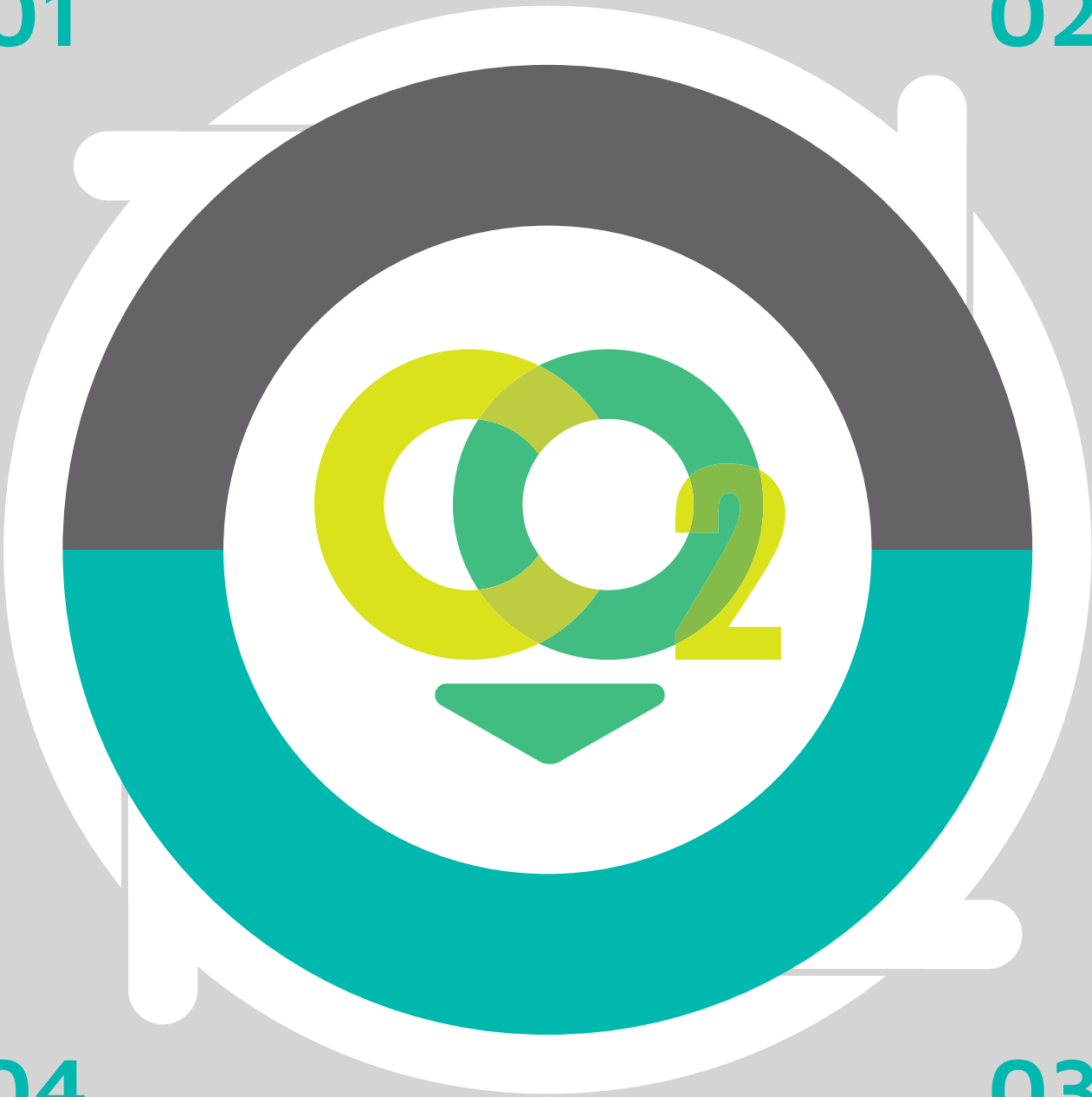
Production



Home compostable



Transport & Use



Home Compostable Design

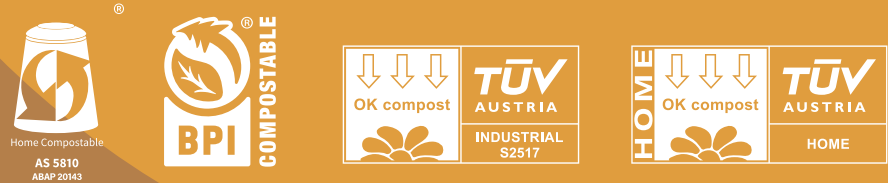
01 Materials Identification & Heavy Metal Analysis

02 Disintegration Test

"OK compost HOME" certified products meet the more stringent French NF T51-800/EU EN 13432 home composting standard, allowing them to be composted at room temperature in ordinary household gardens. The resulting soil is non-toxic and suitable for plants and animals, contributing to a state of balance with nature. These solutions align with the United Nations Sustainable Development Goal (SDGs 12) of ensuring sustainable consumption and production patterns.

03 Home Compostable Test

04 Ecotoxicity Test



Biomass material expertise

Renouvo's biomass material expertise allows us to provide tailored solutions tailored to customers in various fields such as food packaging, footwear, and electronics. We can provide consulting services in bio-based materials, including material cycle design advice, product feasibility analysis, mass production manufacturing, and quantitative data on carbon emission reduction.



Products

Due to the decomposable characteristics of biomaterials, the packaging industry is at the forefront of this revolution. In line with current and future carbon reduction and banning plastics' trends, our low-carbon sugarcane tableware and packaging are perfect for reuse and home composting.

Sugarcane Straws



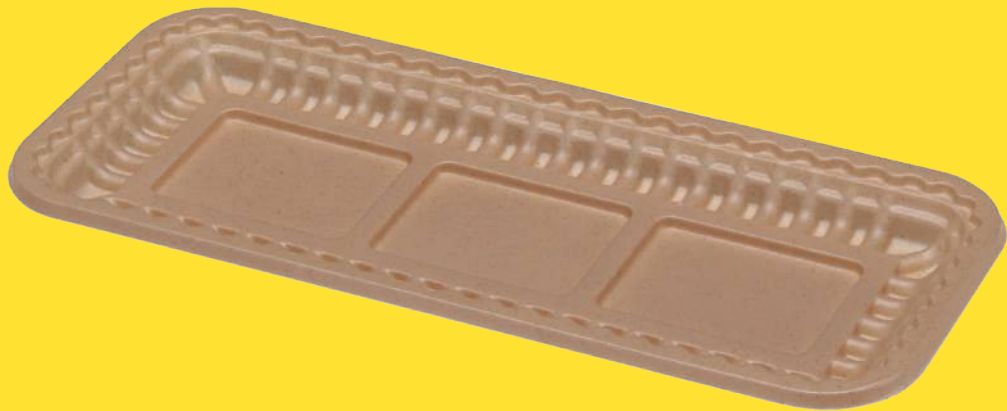
Sugarcane lids & Stirrers



Sugarcane Cutlery



Sugarcane Bags



Sugarcane Trays



Sugarcane Cups



Sugarcane Kids Dinnerware Set

Net Zero solutions provider



01

Carbon footprint reduction consultancy

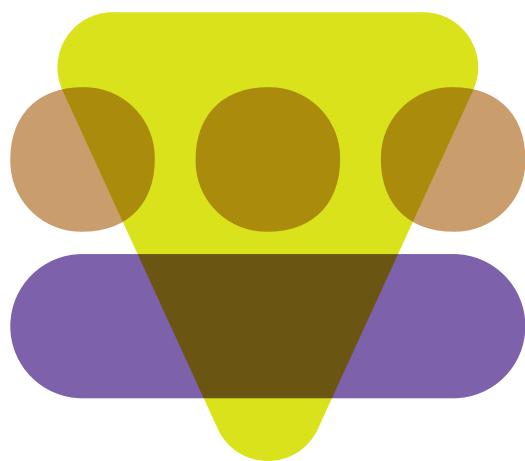
We provide advice to organizations on how to reduce their carbon emissions and environmental impact. This may involve assessing their current carbon footprint, developing a strategy to reduce emissions, and providing guidance on implementing sustainable practices and technologies.



02

Feasibility study and risk analysis

Our team provides feasibility studies and risk analysis to help companies make informed decisions on reducing their environmental impact and contributing to a sustainable future. We help clients assess the feasibility of using our bio-based materials in their products and processes.



03

Material & Product Provider

Renouvo can leverage our expertise in R&D and production technology to help customers with raw material or product development, according to feasibility studies and risk analysis reports.



04

Product Carbon Footprint Calculation

Renouvo helps customers assess the carbon footprint of new products using the ISO14067 standard. We provide reliable data that complies with greenhouse gas specifications in international ESG reporting frameworks such as GRI, SASB, and TFCF. We also help companies review and disclose their net zero carbon emissions.

Our Moments

Product Awards



4years

Awarded for 4 consecutive years

Sustainability Awards

- 2020 Taiwan Global Views Monthly Annual Social Enterprise Award
- 2021 Taiwan Green Chemistry Application and Innovation Award
- 2022 Asia Pacific Sustainability Action Award
- 2022 BCCT Better Business Award
- 2022 Taiwan Circular Economy Award
- 2022 Business Startup Award and Sustainable Startup Award
- 2022 Taiwan Circular Economy Outstanding Enterprises Award
- 2023 2023 National Invention and Creation Award



Our products are all around you!

5 continents

20 countries and regions

France / Italy / Switzerland / Spain / U.K. / Germany
USA / Canada
Australia / New Zealand
Vietnam / Japan / Korea / Philippines / Singapore /
Malaysia / Hong Kong / Thailand / Taiwan
Mauritius

122 clients

Renouvo is witnessing a rising demand for bio-based materials and low-carbon circular economy food packaging, with over 122 customers spanning 20 countries across five continents. Our customer-centric approach places you at the center of our strategy and innovation, and we strive to build honest and close relationships with all of our clients and partners.



Have you impacted the world recently?



Renouvo focuses its innovations on solutions that support the United Nations' Sustainable Development Goal 13, "Combating climate change and its impacts."

So far, we have reduced

1063⁺ tons

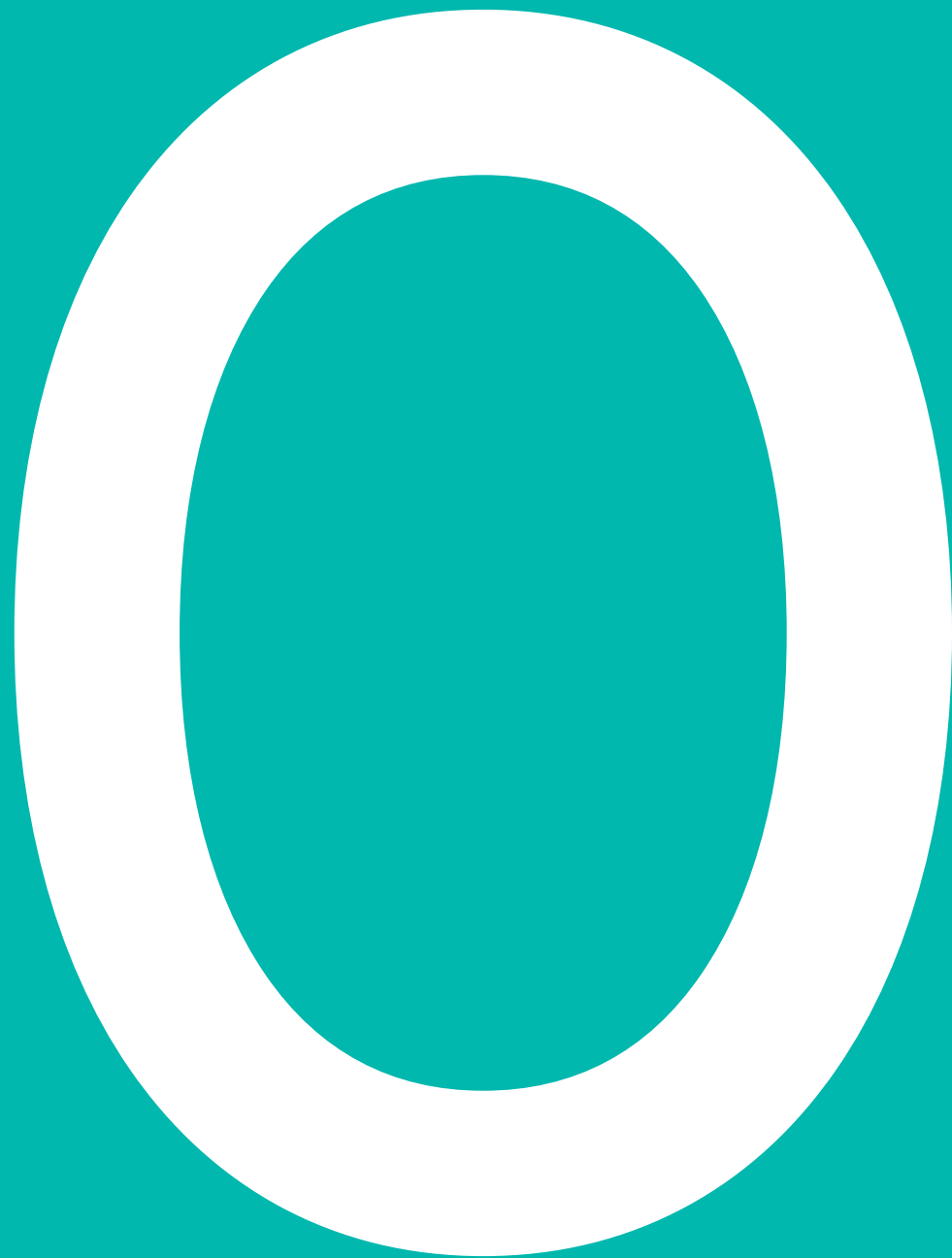
of agricultural waste

2626⁺ tons

of plastic

2083⁺ tons

of carbon emissions



**Become an
Objective PlaNET Zero
Partner**