

Forum delle Energie Rinnovabili Valle d'Aosta

5-6 luglio 2024

Saint-Vincent • Centro Congressi Grand Hotel Billia



RENEWABLE
thinking

PRESENTAZIONE DI

STEFANO CAPPELLO

PROMOSSO DA

CVA 



The European House
Ambrosetti

CON IL PATROCINIO DI

 **ELETTRICITÀ
FUTURA**
imprese elettriche italiane

IN COLLABORAZIONE CON

 **UniCredit**

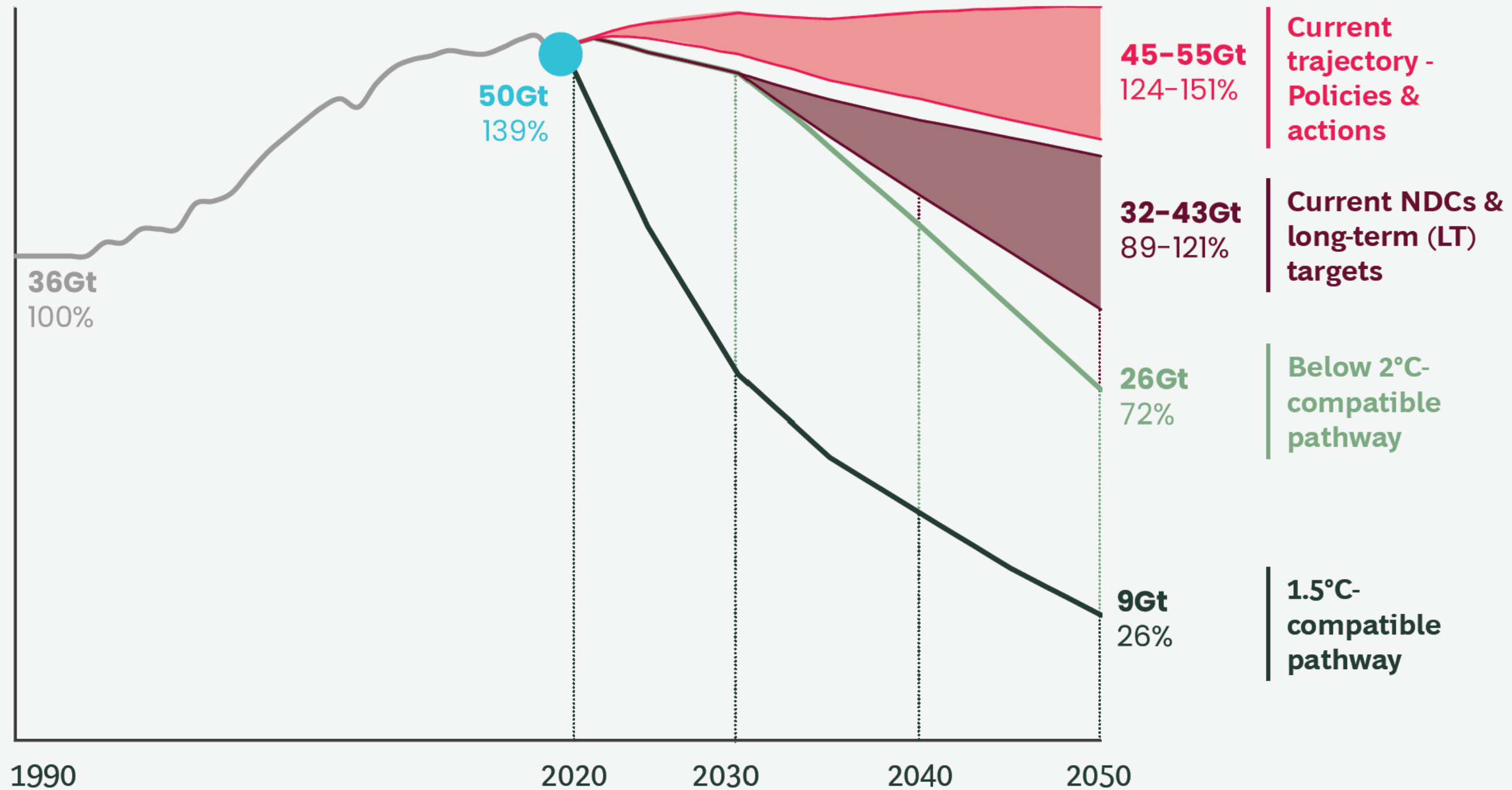


Limenet

Remove CO₂ and bring benefits to the OCEAN

CDR - INTRODUZIONE

Global GHG emissions (Gt CO₂e p.a., indexed to 100% based on 1990 values)

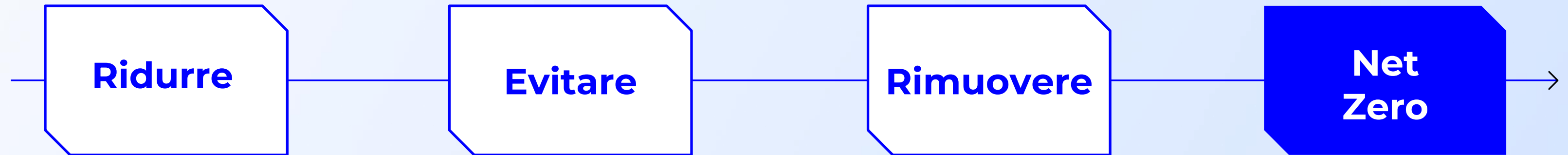


Note: Nationally Determined Contributions (NDCs) are each country's climate action plans to reduce greenhouse gas emissions under the Paris Agreement

Source: IEA; Climate Action Tracker; BCG analysis

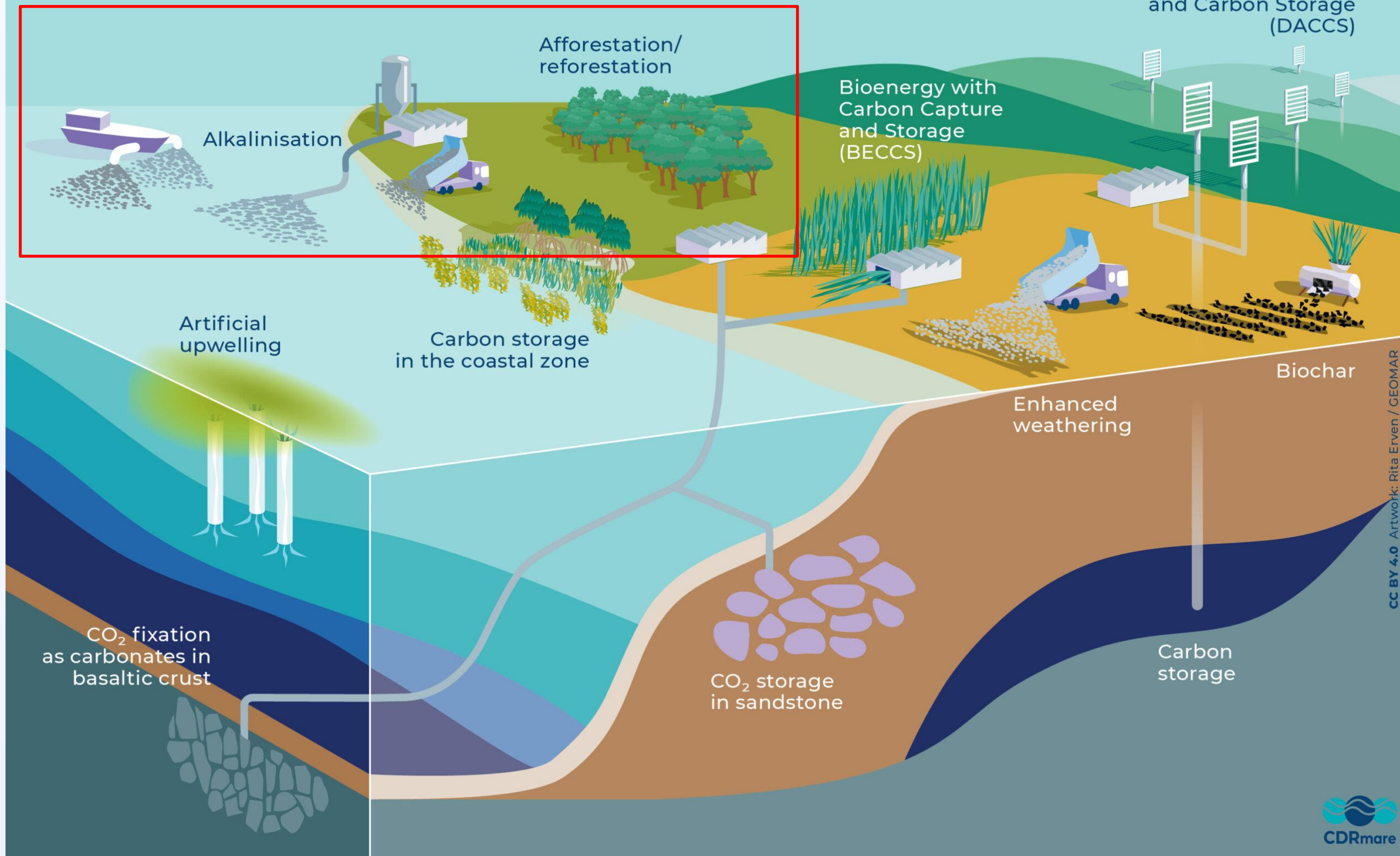
Le fasi della decarbonizzazione

Come raggiungere la neutralità climatica



CDR - TIPOLOGIE

Methods of CO₂ removal from the atmosphere



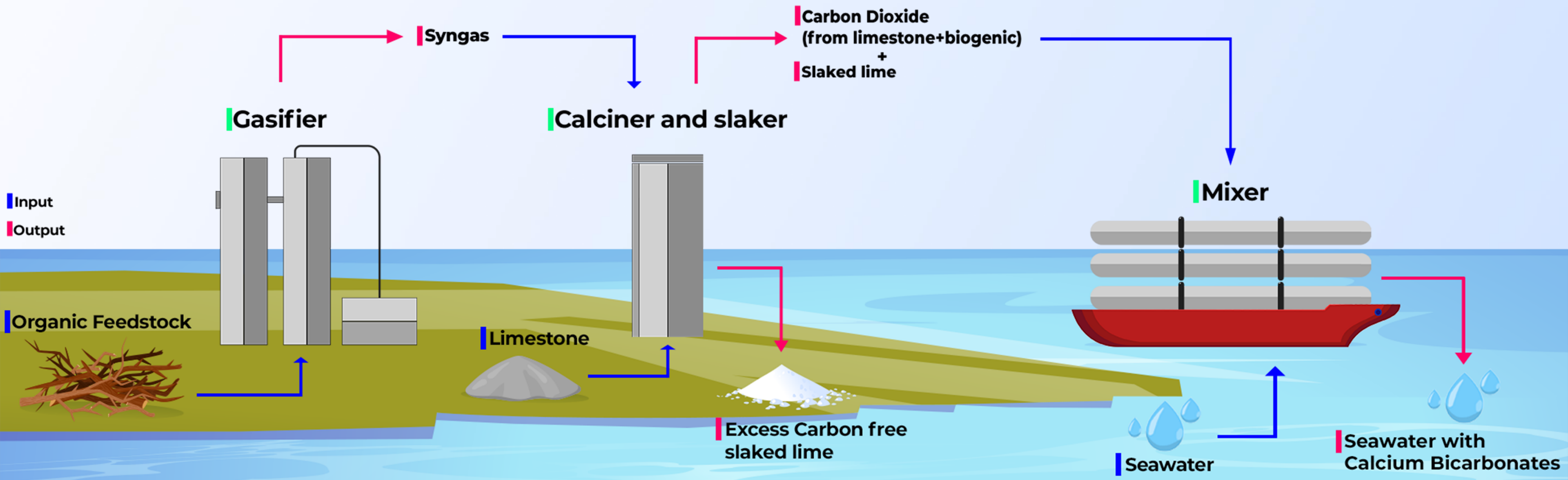
CC BY 4.0 Artwork: Rita Erven / GEOMAR

SOLUZIONE TECNOLOGICA

Limenet

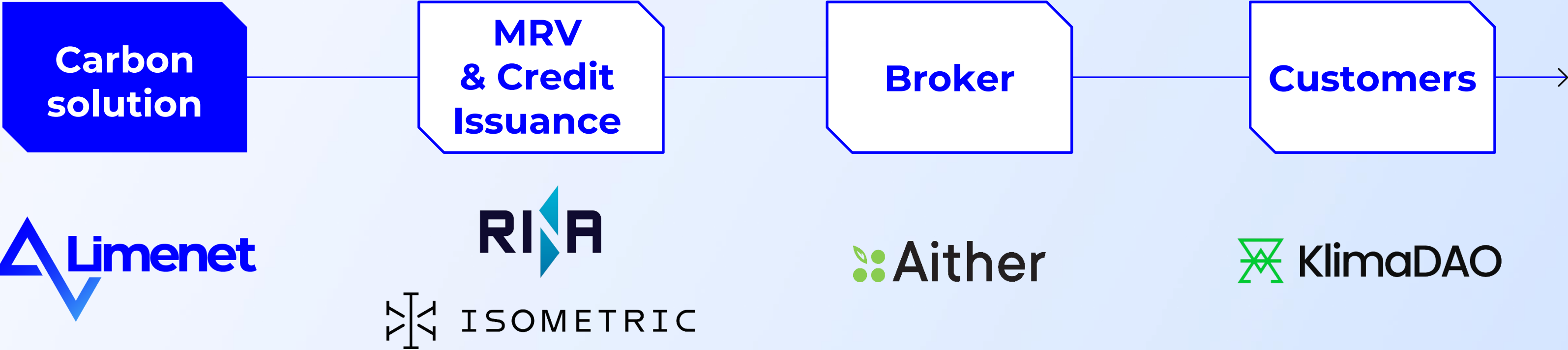
Limenet **cattura** la **CO₂** proveniente dalla **biomassa** e la **stocca** permanentemente nel **mare** sottoforma di **bicarbonati** di calcio portando benefici all'ecosistema marino.

Questa tecnologia si basa sul **naturale** ciclo geologico del carbonio



BUSINESS MODEL

Limenet vende crediti di carbonio sul **mercato volontario** avendo come target B2B



R&D

PHYSICAL ASSETS

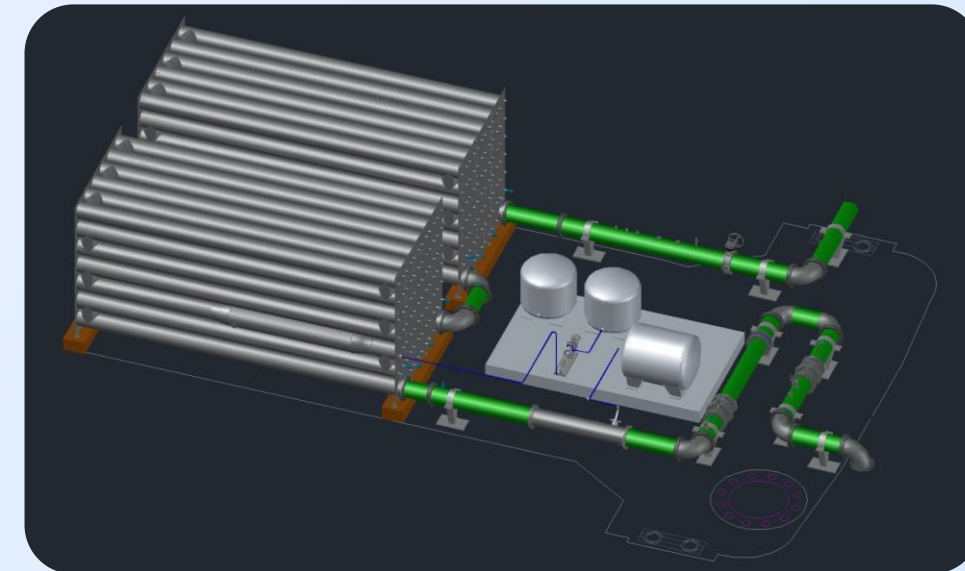
Pilot plant to prove the science



200X

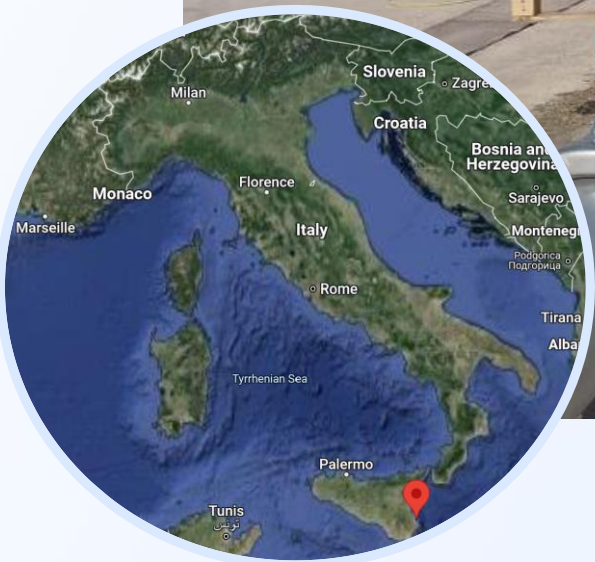


Building TRL7 Mixer



R&D

Augusta plant



OUR
planet



OUR
future