Transformational Change:
Building a Collaborative Future

Global Forum
Shaping the future
2025

TECHNOLOGY, SUSTAINABILITY & HUMANITY
27 & 28 OCTOBER 2025
EUROSTARS TOWER
MADRID, SPAIN

Griffin Peddicord

panellist

CORE SERVICES

xange.com

Digital MRV (dMRV) near-real-time data monitoring for clients.

NDC tracker allowing nations to determine whether they are on track to achieve the goals of the Paris Agreement.

Sustainability reporting measurement and managing of greenhouse gas emissions.

Social value reporting tools to measure and prove meaningful social impact.

Digital twin mirroring projects in a digital space, allowing for simulation, prediction modeling, and optimization. AI is used for prediction modeling.

Wizard AI allows the usage of AI in ESG strategies and AI related to project predictions. Xange.com also developed a Large Language Model (LLM) for Carbon.

Sovereign Data protecting national assets and ensuring controlled stakeholder access

White-label solutions for nations in order to comply with the Paris Agreement and allow for trading of Internationally Traded Mitigation Outcomes (ITMOs).


Mitigation Objectives
Agriculture
Building
Bunker Fuels
Electricity/Heat
Energy
Industrial Processes: 17.03
Land-Use Change and Forestry: 46.43
Manufacturing/Construction: 12.89
Other Fuel Combustion: 5.34
Total excluding LUCF: 308.36
Total including LUCF: 354.79
Transportation: 46.27
Waste: 12.38
Manufacturing/Construction
Waste
400
300
200
100
0
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
Absolute Emission Reduction Target
244 MtCO2
Conditional total reduction in greenhouse gas emissions by 2030
Conditional Targets
47%
An enhanced 47% reduction below the BAU scenario, contingent upon receiving international support.
Unconditional Targets
20 %
A 20% reduction below the business-as-usual (BAU) scenario, achievable through domestic efforts.
Renewable Energy Targets
N/A
No specific targets are mentioned for renewable energy in the NDC
Energy Efficiency Targets
N/A
Not specifically mentioned in the NDC
Targets by Sector
Last 24 Hours
Reduce emissions in the energy, agriculture and livestock, land use and forestry, and waste sectors.
Objectives for the Transport Sector
N/A
Not specifically mentioned in the NDC
83 / 5000 Objectives for the Industrial Sector
N/A
Not specifically mentioned in the NDC
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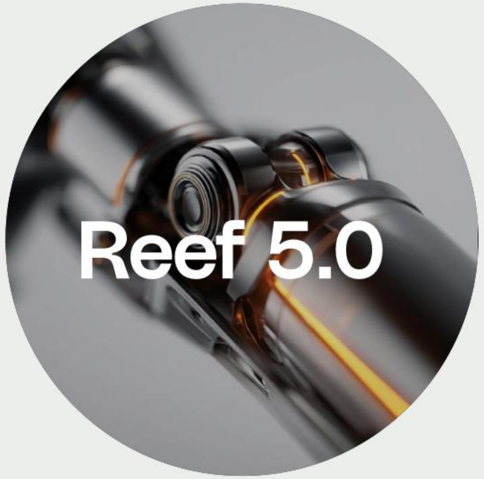
Our Platforms

Reef Origin



DIGITAL & POWER INFRASTRUCTURE

Data Centres
Digital Infrastructure
Clean Energy & Energy Infrastructure

LIFE SCIENCES & KNOWLEDGE (UBS)

Incubator
Research & Development
Scale up & Commercialisation
Advanced Manufacturing (Life Science)

LIVING

Living & Co-living
Hotels & Aparthotels
Resorts
Social Housing

INDUSTRY 5.0

Advanced Manufacturing (Automation)
Mid-tech
Logistics & Distribution
Agri-tech

ENERGY & RESOURCES

Small Micro Reactor (SMR)
Microgrids & Heat Networks
Power Synergy
Desalination