



In collaboration with



**KUALA LUMPUR
HIGH LEVEL DIALOGUE
ON ASEAN ITALY
ECONOMIC RELATIONS**

HIGH LEVEL DIALOGUE ON ASEAN ITALY ECONOMIC RELATIONS

Sixth Edition

Mandarin Oriental Hotel, Kuala Lumpur
Wednesday, July 5 and Thursday, July 6, 2022

PAOLO SVARA
General Manager EGEM Singapore, Head LNG Mozambique
ENI

Main Partner



Official Carrier



With the Patronage of



Technical Partner



Partner



Junior Partner

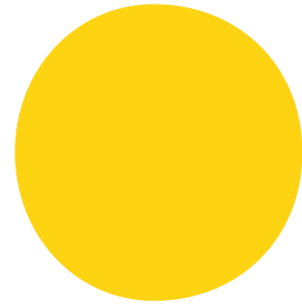


With the support of



Strategic Partner





Eni's Vision for a Decarbonized Future

High Level Dialogue on ASEAN Italy Economic Relations
Kuala Lumpur, 5-6th July, 2022

69

COUNTRIES OF PRESENCE

>32,000

ENI PEOPLE*

10,000

ENI PEOPLE ABROAD

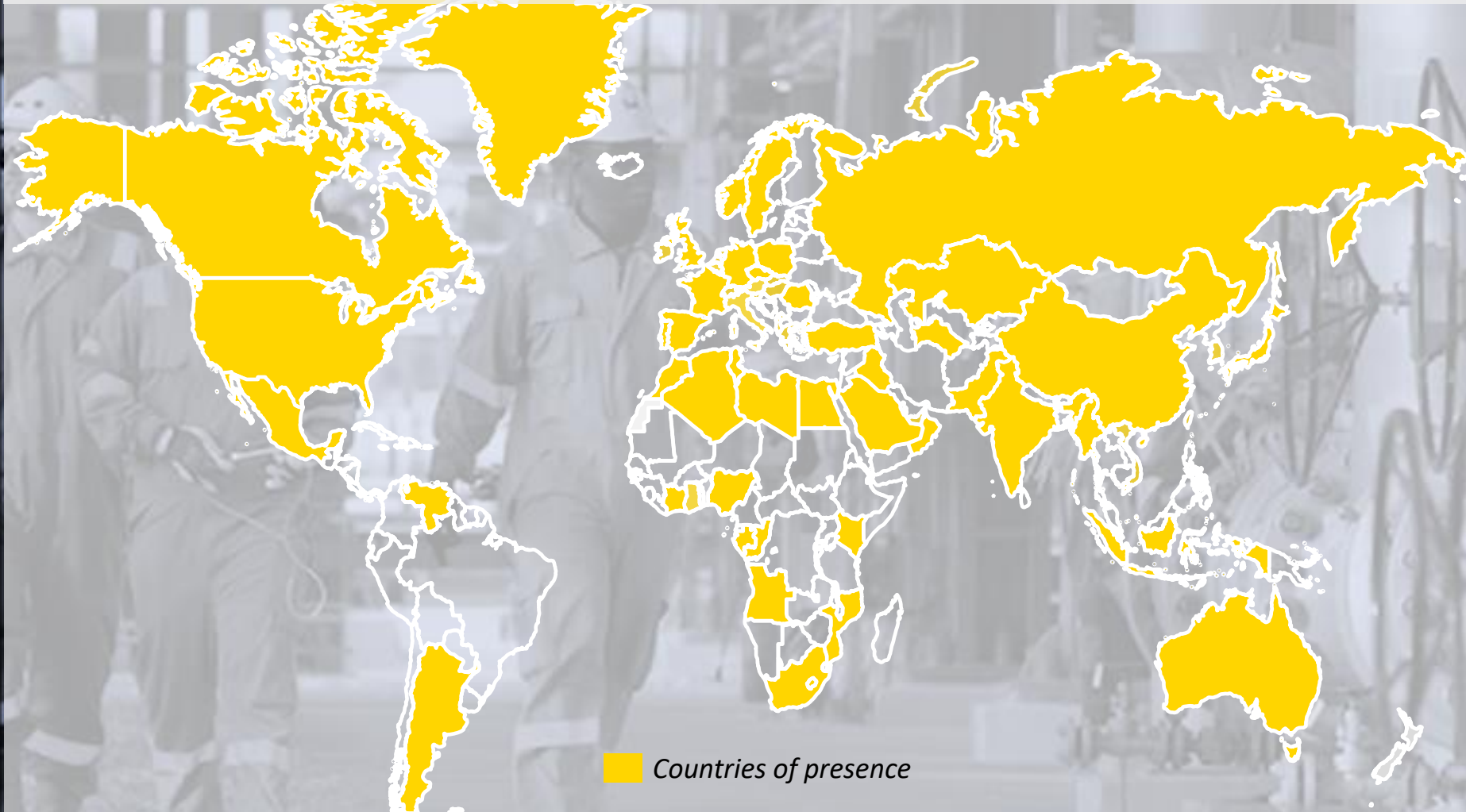
84%

AVERAGE PRESENCE OF LOCAL EMPLOYEES ABROAD

* Eni S.p.A. & consolidated subsidiaries

Figures as of Dec. 31, 2021

ENI IS A GLOBAL INTEGRATED ENERGY COMPANY
ENGAGED IN THE ENTIRE ENERGY CHAIN AROUND THE WORLD



42 EXPLORATION & PRODUCTION

24 GLOBAL GAS & LNG PORTFOLIO

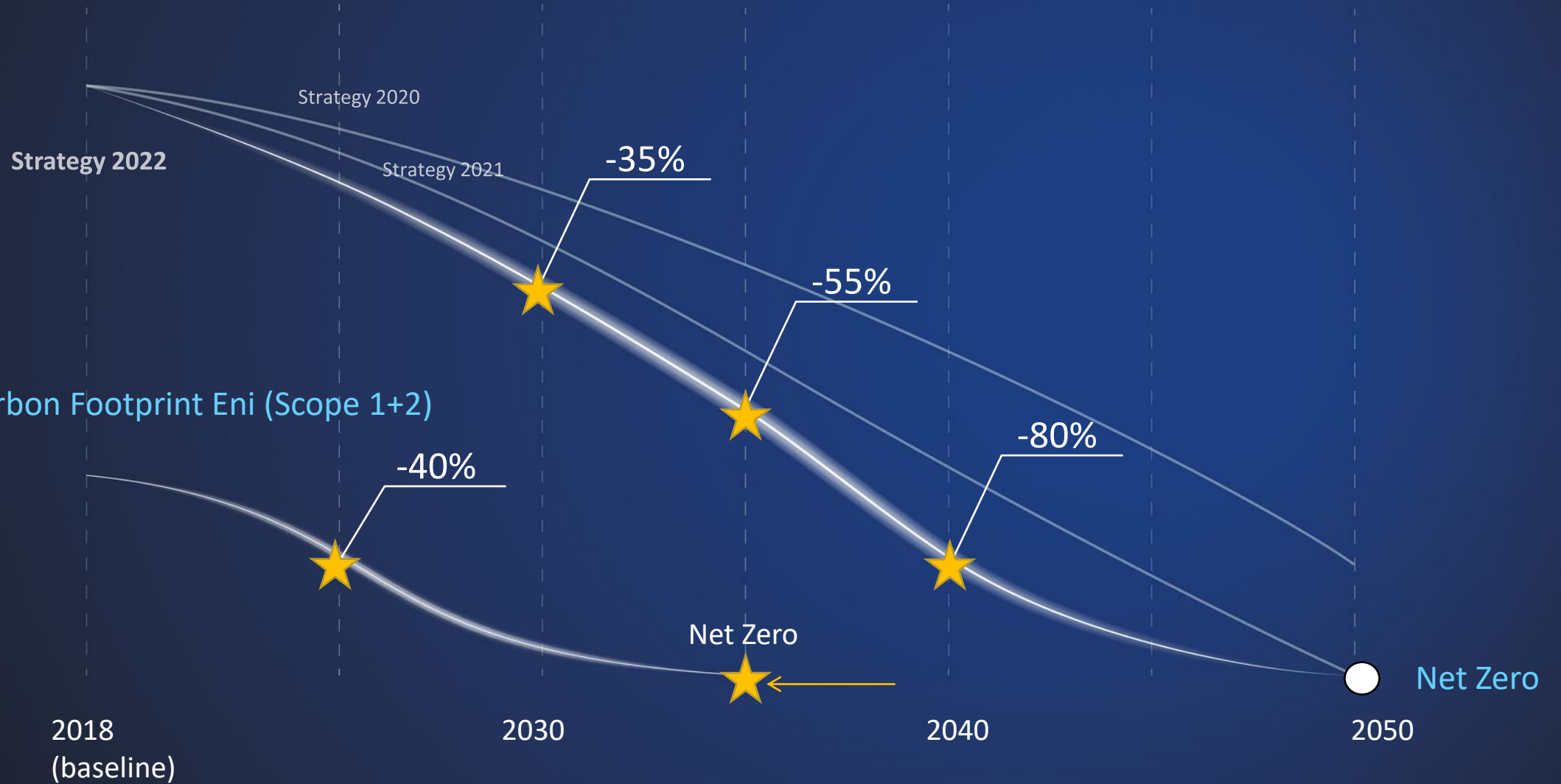
40 REFINING & MARKETING AND CHEMICALS

11 RENEWABLES & POWER

TOWARDS A NET ZERO ENERGY BUSINESS

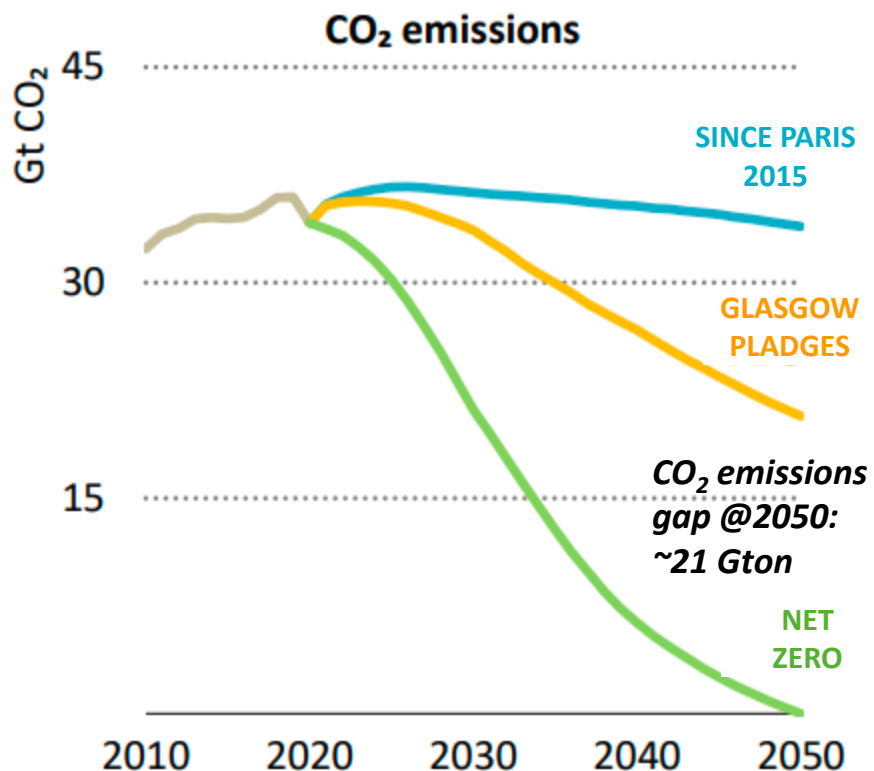
Net Absolute GHG Emissions (Scope 1+2+3)

MtCO₂eq



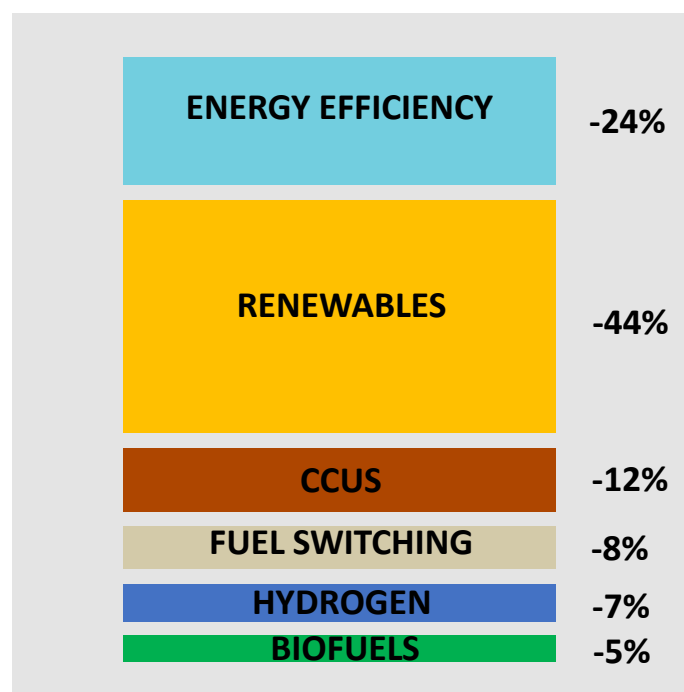
ENI'S SOLUTIONS TO THE CLIMATE CHALLENGE

THE CLIMATE CHALLENGE

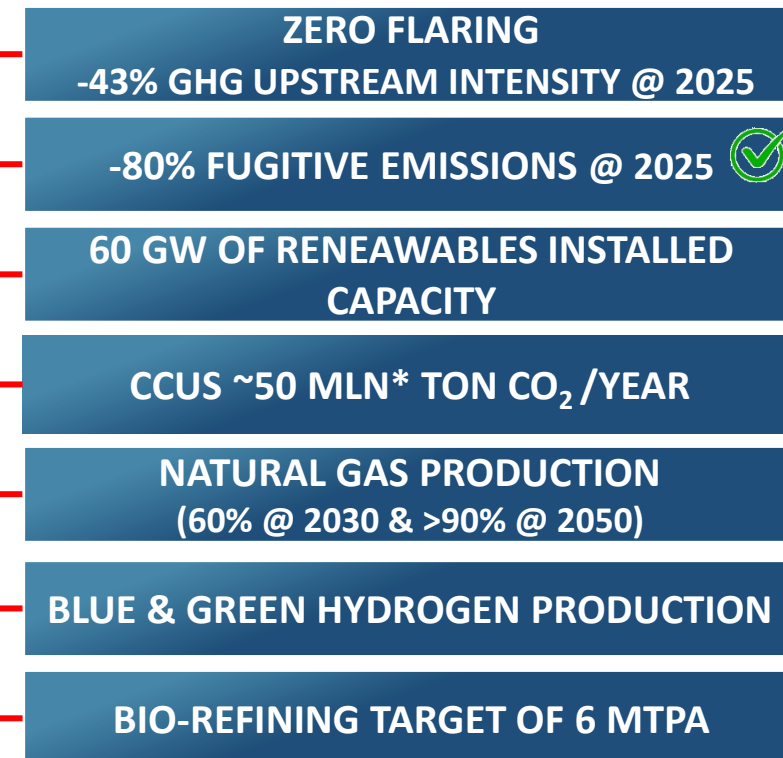


IEA World Energy Outlook 2021

ROADMAP FOR IEA'S NET ZERO EMISSIONS SCENARIO



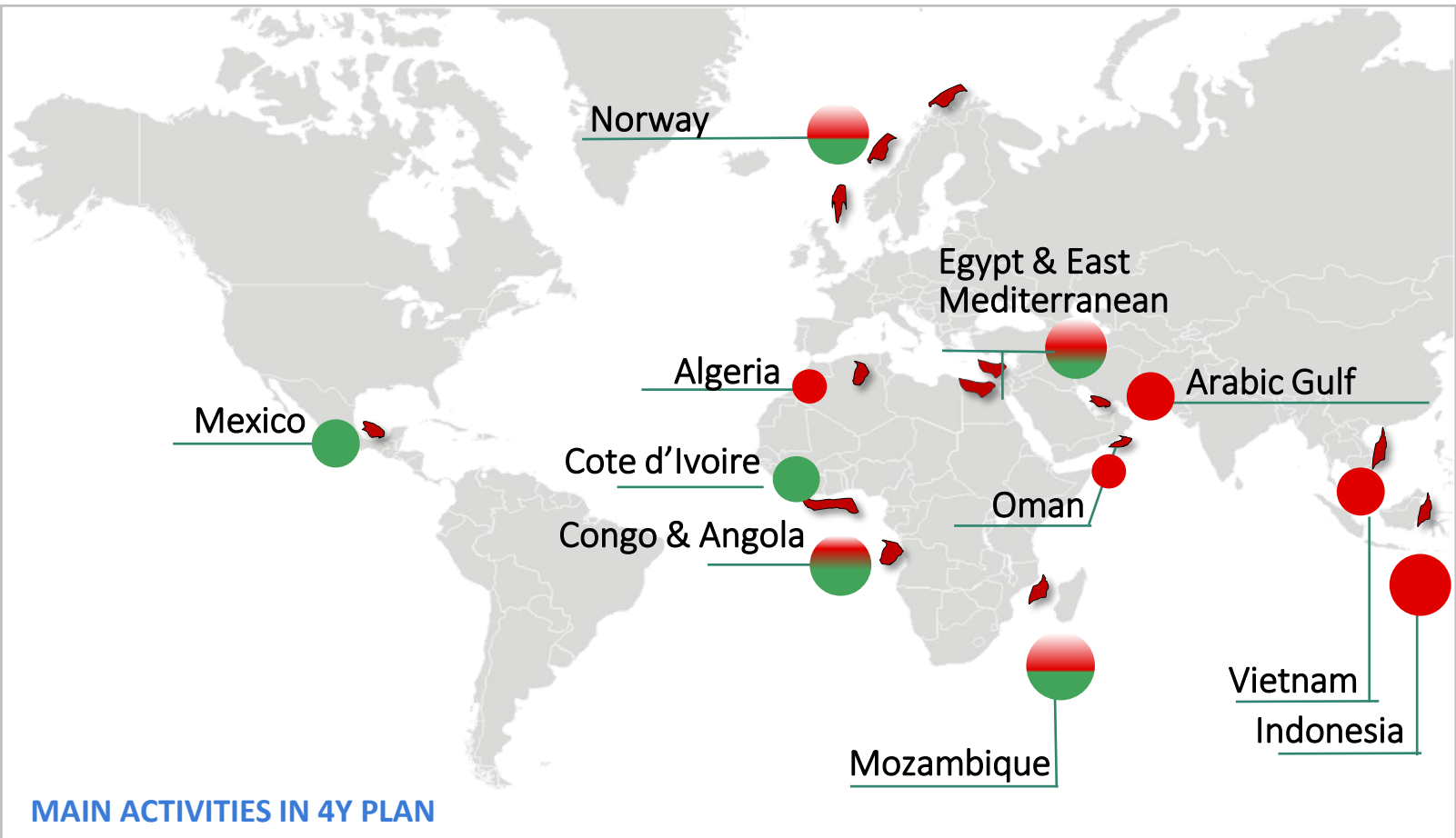
ENI'S SOLUTIONS TO REACH CARBON NEUTRALITY BY 2050



* 50% by Eni 50% third parties

WITH THE STATED POLICIES THE WORLD WILL NOT MEET GLASGOW'S TARGETS
(KEEPING GLOBAL WARMING WITHIN + 1.5° C BY 2100)

Accelerating time to market through discovery of advantaged barrels



EQUITY RESOURCES | BLN boe

2.2 in 4YP

UNIT EXPLORATION COST | \$/boe

< 1.5 average 2022-25

Best exploration results worldwide in the last decade

Highest commerciality of discoveries through fast pace to FID

ENABLING A GROWING GAS PORTFOLIO

INTEGRATION

LEVERAGE OUR INTEGRATED PRESENCE ALONG THE GAS VALUE CHAIN

GROWING SUPPLY FROM INDONESIA, EGYPT, MOZAMBIQUE, NIGERIA AND A NEW PROJECT IN CONGO

TARGET MARKETS IN EUROPE, MIDDLE EAST, FAR EAST AND LATIN AMERICA

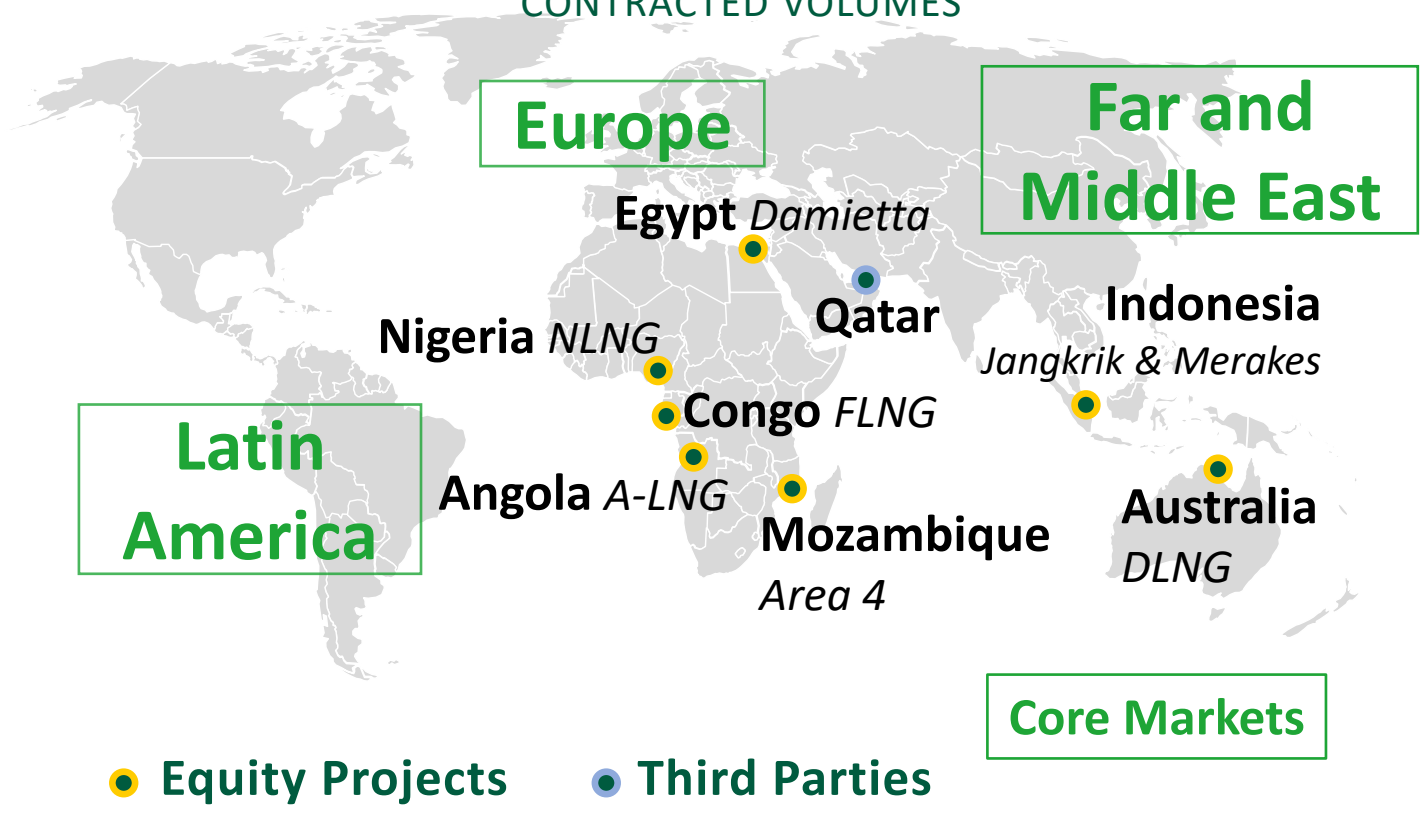
GREAT ATTENTION TO INTEGRATED PROJECTS AS A MEAN FOR DEVELOPING STRUCTURAL OUTLETS

PORTFOLIO FLEXIBILITY & OPTIMIZATION

INCREASE OF PORTFOLIO OPTIMIZATION ACTIVITIES TO PROVIDE PRODUCTS TAILORED TO THE BUYERS' REQUESTS

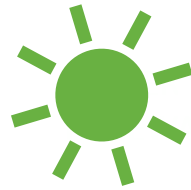
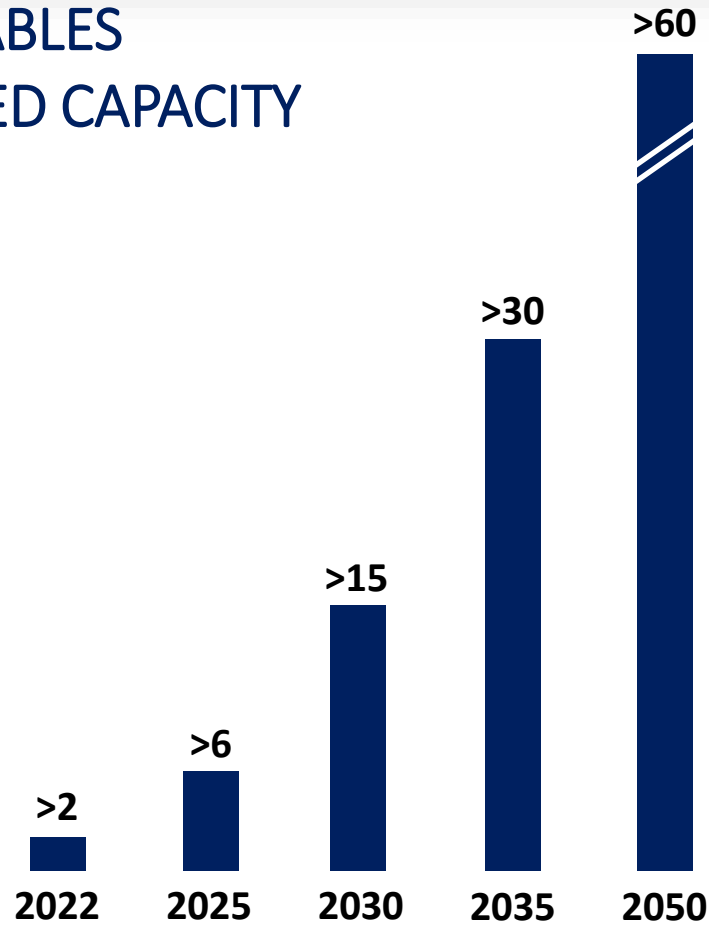
A GROWING GLOBAL LNG PORTFOLIO

LNG GROWTH:
>15 MTPA by 2025
CONTRACTED VOLUMES



RENEWABLE ENERGY TARGETS

RENEWABLES INSTALLED CAPACITY GW



Deals and partnerships



Falck
Renewables



vårgrønn

cdp

Dhamma
Energy

X-ELI+

AZORA



GLENNMONT
PARTNERS

LIGHT DUTY VEHICLES



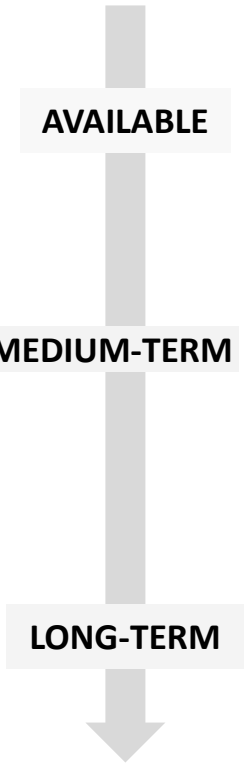
HEAVY DUTY VEHICLES



MARINE



AVIATION



AVAILABLE

URBAN MOBILITY



EV
Charging
Points

EXTRAURBAN MOBILITY




- Methane CNG
- Bio-fuel
- Bio-Methane compressed (CNG) and liquified (LNG)
- Next gen. batteries



- Methane CNG/LNG
- Bio-fuel
- Bio-Methane compressed (CNG) and liquified (LNG)



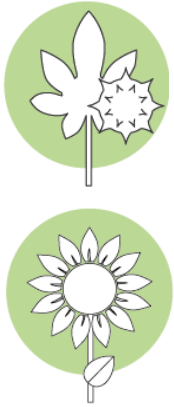
- Hydrogen

- Low sulphur content diesel and bunker oil
- LNG 
- Bio-oil for bunker blend
- Bio-LNG
- Hydrogen

- SAF
- Hydrogen

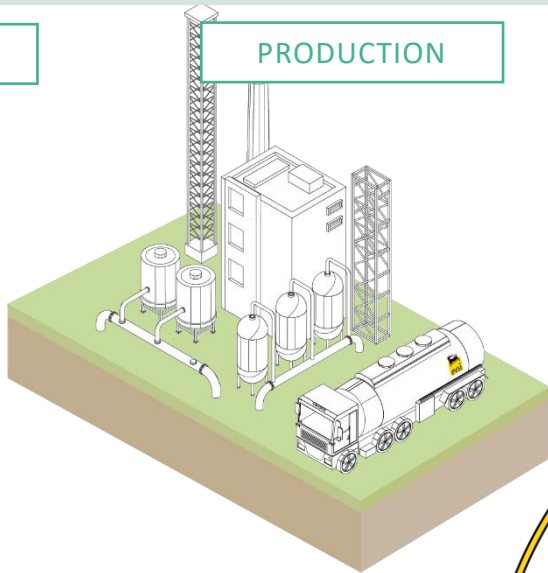
BIO PRODUCTS

BIO-FEEDSTOCK



35%
VERTICAL
INTEGRATION
BY 2025

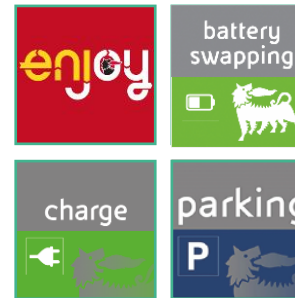
PRODUCTION



~2 MTPA
BIOREFINING CAPACITY
BY 2025

SMART SERVICES

MOBILITY

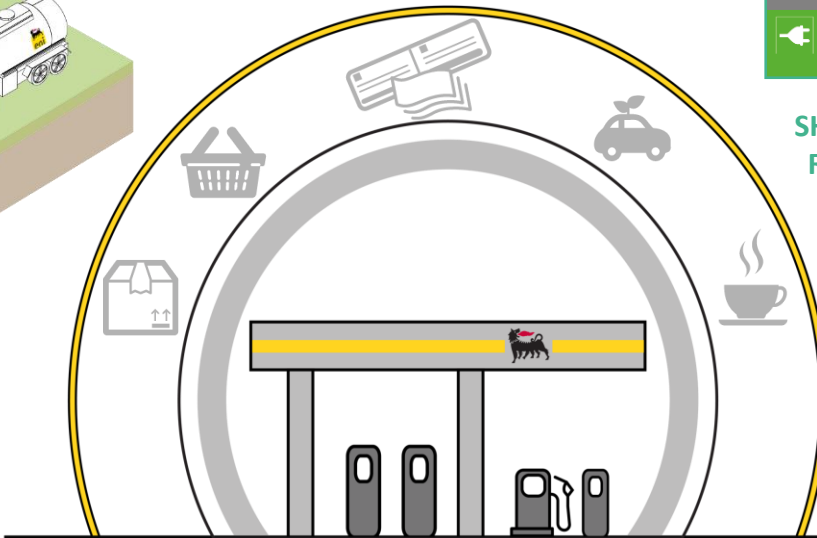


SHORT & MEDIUM
RANGE MILEAGE

BEYOND MOBILITY



MULTISERVICE HUB



A SINGLE SITE FOR MULTIPLE SOLUTIONS

>5,000 ENI SERVICE STATIONS

CCS TECHNOLOGY DEVELOPMENT GLOBALLY

“CARBON CAPTURE, USE & STORAGE (CCUS) TECHNOLOGY IS AN ESSENTIAL STEP TOWARDS MITIGATING CLIMATE CHANGE”

Source: UNECE, Technology Brief on CCUS, 2021

MAIN CCS PROJECTS

■ IN OPERATION
■ UNDER DEV. / PLANNED



AUSTRALIA- E. SHOAL

NORWAY - SLEIPNER

UK - HYPNET

UK - BACTON

ITALY - RAVENNA

LIBYA - BES

EGYPT - DAMIETTA

UAE - GHASHA

DEPLOYING CCS TO CREATE GLOBAL STORAGE HUBS FOR DECARBONIZING HARD-TO-ABATE INDUSTRIAL SECTORS

PROVIDING SERVICES FOR THIRD PARTIES AND DECARBONIZING ENI'S ASSETS



ENI CCS TARGETS

2030

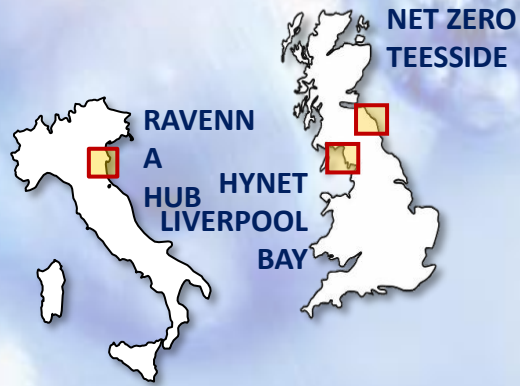
~30
MTPA

2050

~50
MTPA

Carbon gross volume stored

ENI IS ITALY'S
MAIN HYDROGEN
PRODUCER
AND CONSUMER



A TECHNOLOGY-NEUTRAL APPROACH

LOW-CARBON HYDROGEN THROUGH CCS

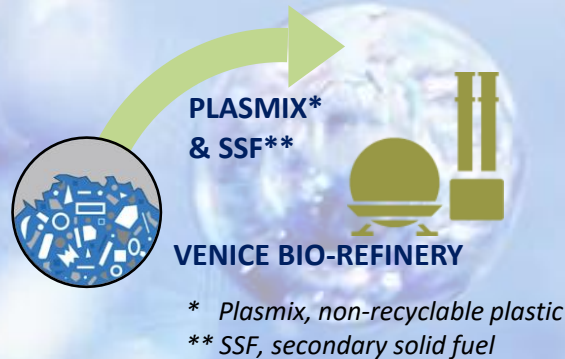
Low-carbon hydrogen through CCS technology in Italy and UK. Studying kGas technologies: hydrogen from natural gas and bio-methane.

WASTE TO HYDROGEN

Non recyclable Waste-to-Hydrogen Project in Italy: reducing emissions while capturing value from waste

HYDROGEN FROM RENEWABLES

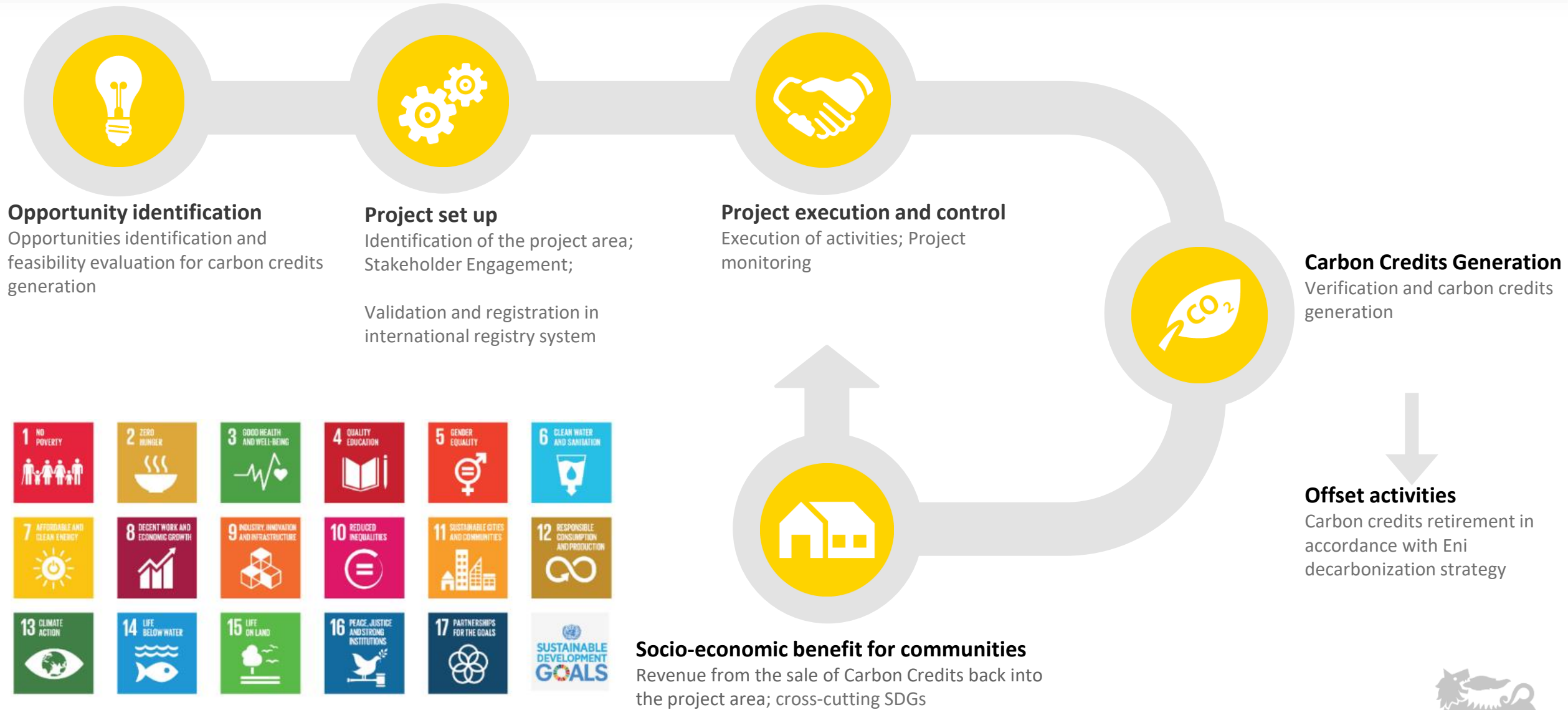
Hydrogen from electrolysis in partnership with Enel, CDP and SNAM to decarbonise the energy system.

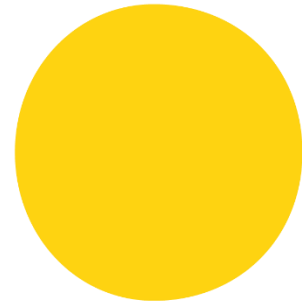


Eni Member of the EU
Clean Hydrogen Initiative



'Hydrogen for Europe' study to identify the necessary policies to scale-up hydrogen in Europe





Thank you

Kuala Lumpur, 5-6th July, 2022