UNECE

Roadmap to zero emissions
Relevance of the local sustainable energy, people and women to the energy transition

Geneve, 29th April 2021
Elisabetta Purlalli, SVP Head of LNG Equity Valorization atEni
2020 Main Results

An Integrated Energy Company
on the way to Net Zero Carbon @2050

66
Countries where we operate

31,000
People

2020 Results

Natural resources

1.73
MBOE/day
Hydrocarbon production

400
MBOE
Resources discovered

1.5
Mln t CO₂eq.
offset by Forestry REDD+ projects

Energy Evolution

1
GW
Renewables capacity installed and sanctioned

~10
MLN
Retail customer base

1
MTPA
Biorefining capacity
Eni’s Roadmap to 2050

- **MtonCO₂eq**
  - 2018: 505
  - 2030: 360
  - 2040: 167
  - 2050: 0

- **gCO₂eq/MJ**
  - 2018: 68
  - 2030: 57
  - 2040: 38
  - 2050: 0

- **Net GHG Absolute Emissions Scope 1+2+3**
  - 2030: -25% vs 2018
  - 2040: -65% vs 2018
  - 2050: -100% vs 2018

- **Net Carbon Intensity Scope 1+2+3**
  - 2030: -15% vs 2018
  - 2040: -40% vs 2018
  - 2050: -100% vs 2018

**Lever**
- **Carbon Free Products and Services**
- **Increased Share of Gas on Total Production**
- **Bio-Methane for Domestic Use and Mobility**
- **Biorefineries and Circular Economy**
- **Blue and Green Hydrogen**
- **CCS and REDD+ Projects**

**Fully Comprehensive Methodology**
Considering all our activities and all products we trade.
Examples

**REDUCING OUR CARBON FOOTPRINT**
TOWARDS NET ZERO EMISSIONS

**FORESTRY INITIATIVES**

AFRICA:
Angola, DR Congo, Ghana, Malawi, Mozambique, Zambia

LATIN AMERICA:
Colombia, Mexico

ASIA:
Vietnam, Malaysia

**MAIN CCS PROJECTS**

IN OPERATION
UK - LIVERPOOL BAY
NORWAY - SLEIPNER

PLANNED
UK - TEESSIDE
ITALY - RAVENNA
LIBYA - BES
UAE - GHASHA

**REDD+ FORESTRY OFFSET @ 2024:** > 6 MTON CO₂
Main Decarbonisation Targets

- **NET ZERO CARBON FOOTPRINT SCOPE 1+2**
  - UPS -50% @2024
  - ENI NET ZERO

- **NET LIFECYCLE EMISSIONS SCOPE 1+2+3 VS 2018**
  - -25%
  - -15%
  - -40%

- **NET CARBON INTENSITY SCOPE 1+2+3 VS 2018**
  - -65%

- **PROCESS FLARING | msM³**
  - 0

- **UPSTREAM GHG EMISSION INTENSITY VS 2014**
  - -43%

- **FUGITIVE METHANE EMISSIONS UPS VS 2014**
  - -80%
  - Reached @2019

- **CARBON EFFICIENCY INDEX (2014-2021)**
  - -2% YoY

**GHG EMISSIONS**

**CCS**

**FORESTRY**

- **CARBON CAPTURE & STORAGE CO₂ (Mton CO₂/yr)**
  - ~7
  - 50

- **POTENTIAL ABSORPTION FORESTRY (Mton CO₂/yr)**
  - >6 MTPA @ 2024
  - 20
  - ~40
In terms of discoveries and expectations 2020-2024
Value Creation
Sustainable Energy

the value of working together
Local Development: a priority

Education & Training

Development flows in Africa
Energy, health, education and agriculture: key elements for the growth of a community, made possible with Eni's help in Angola and Congo.
Waste Reuse – Access to water – Access to electricity – Education -

Local development: a priority for Eni

We aim to promote socio-economic development and inclusive growth, paying attention to the development of local communities and the specific needs of the areas in which we work.

Access to Electricity

Regenerating waste via circular economy

Hinda Integrated Project: the development of rural centres in Congo

Healthcare, education, access to water and agriculture are the priority sectors of the project launched for the Hinda district community.
Women contribution to a more sustainable world

Access to Water

Demining in Angola