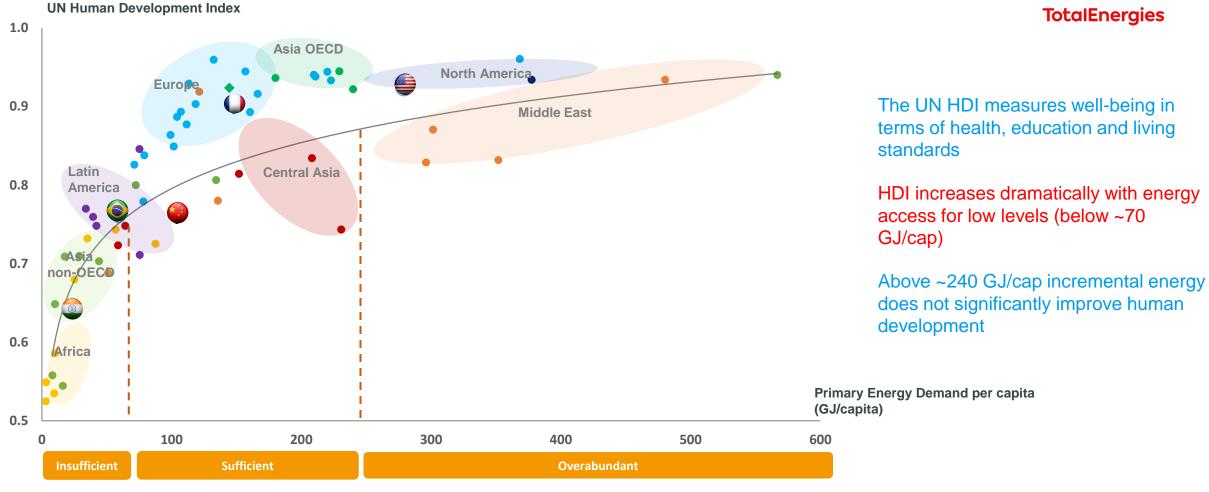


Energy access is essential to human development

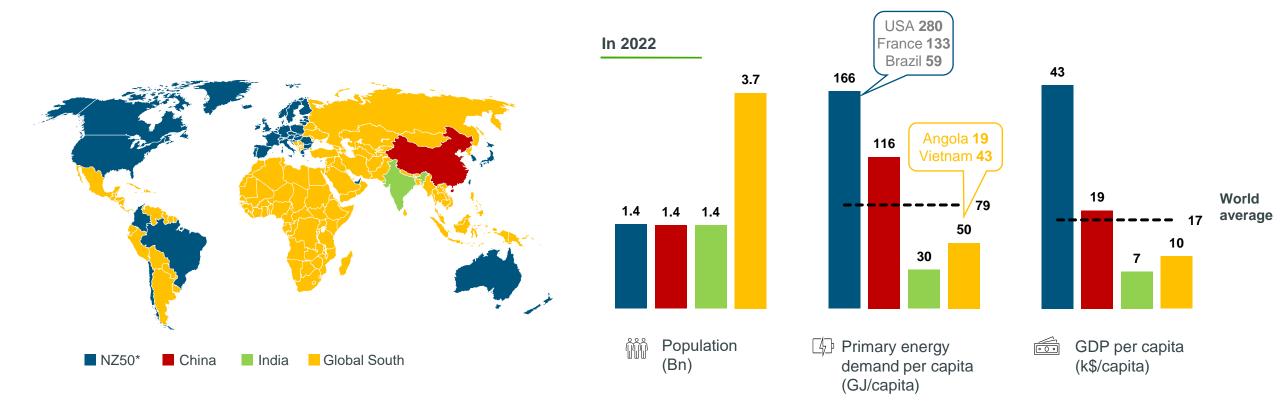




Today ~4.5 bn people have insufficient access to energy (below ~70 GJ/capita)

Each country will follow a different energy transition path



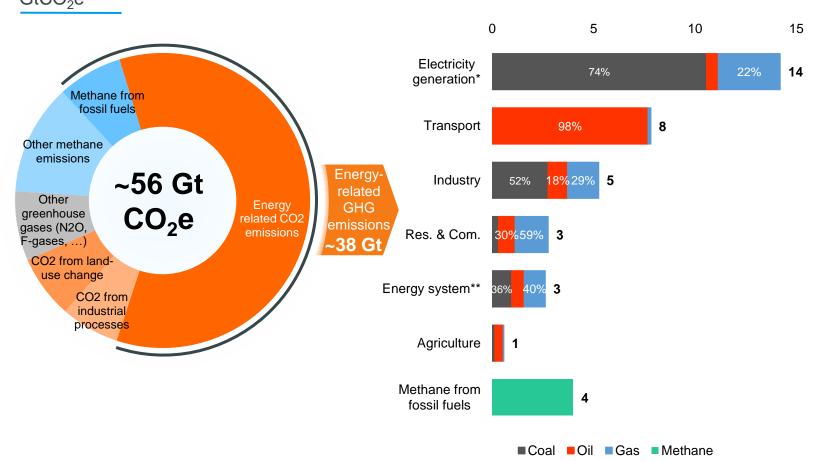


Even countries that have committed to be Net Zero by 2050 (NZ50)* are likely to follow different decarbonization paths

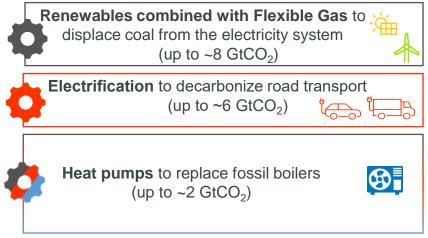
Existing technologies, if deployed fully, could halve energy-related GHG emissions



Global anthropogenic GHG emissions 2022 GtCO₂e



Available technologies to reduce GHG emissions and their potential impact





Elimination of venting & flaring and leak detection & repair to cut emissions from fossil fuels production (up to ~4 GtCO₂e)



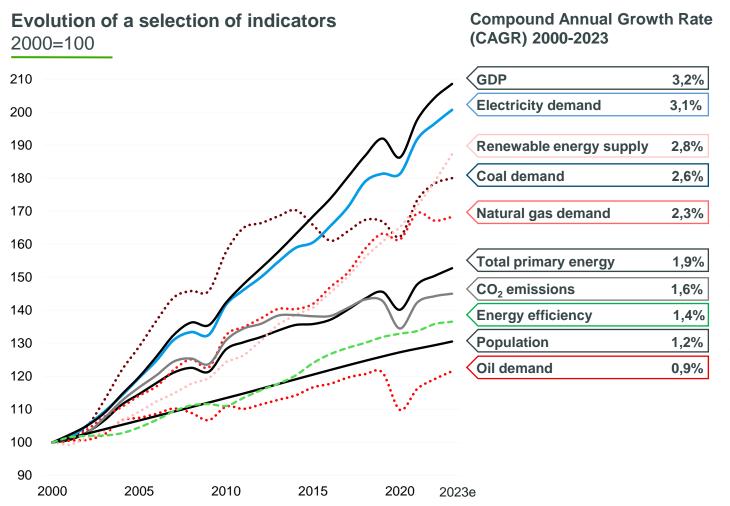
^{*} Including heat combined with power

^{**} Includes energy sector own use, transport losses and energy transformation

Evolution of global energy indicators since 2000

Primary Energy demand grows slower than GDP; CO₂ emissions start to decouple





- Electricity demand grows as fast as GDP
- Renewable energy growth has accelerated since
 2015
- Coal grows almost as fast as Renewables,
 benefiting from a cost advantage
- Natural gas demand remains strong
- Oil demand keeps growing roughly as population

Executing our balanced transition strategy Two pillars: Oil & Gas + Integrated Power





- → Deep upstream portfolio
- → Delivering high-return growth, with optionality
- → Integrated LNG portfolio, resilient through cycles
- → Harvesting downstream free cash flow while transitioning

~+3%/y
Oil & Gas production
CAGR 2024–30

+50%
LNG growth
Equity + long-term offtake 2030 vs 2023



- → Driving value from integrated model
- → Clean firm power for customers through gas + renewables integration
- → Capturing value from merchant exposure

> 100 TWh power generation 2030 Nearly **20%** of TotalEnergies' energy production 2030

Papua LNG Project



A unique adventure

A key location

To supply Asian growing LNG demand

A strong partnership

PAPUA LNG joint venture after final investment decision





LNG Production ~5.6 Mtpa

Upstream: Antelope & Elk carbonate fields also used for CO2 re-injection

> **Downstream** in synergy with PNG LNG

new e-trains → 4 Mtpa capacity + 2 Mtpa in the existing PNG LNG

Key Milestones

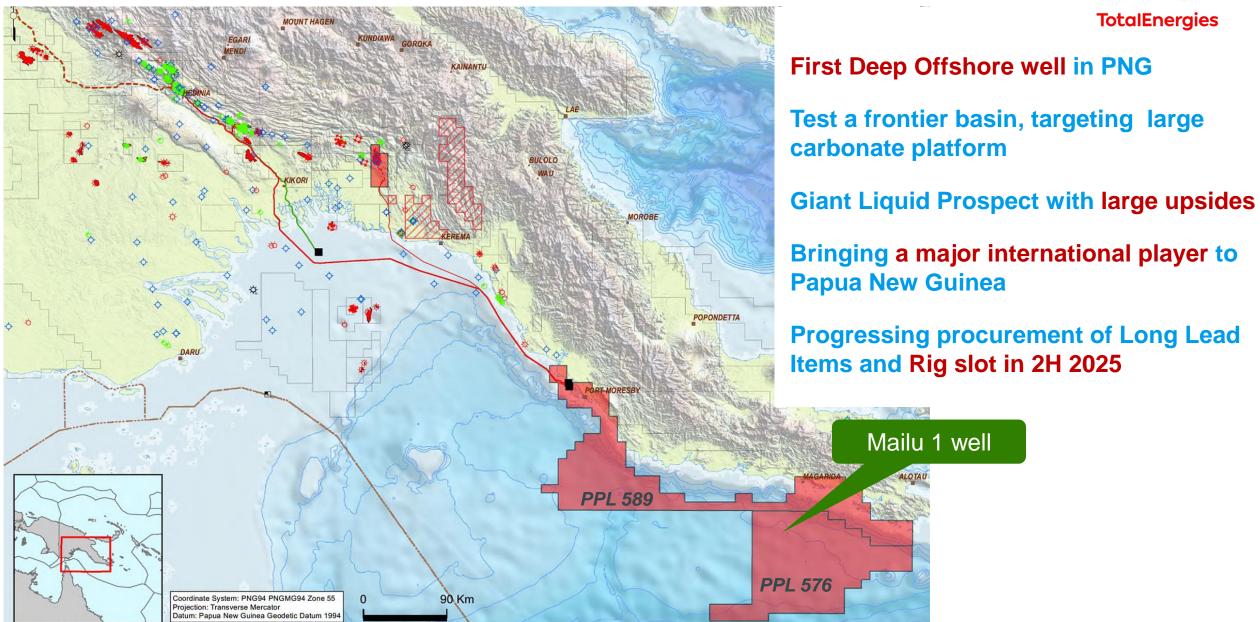
Integrated FEED 2023

2025

FID First Gas

PPL 576: Mailu-1 well: Potential play opener with High stakes





Committed to Papua New Guinea

TotalEnergies

- → Business activity
- → Local companies
- → Local employment





Long lasting benefits for future generation

- → Native CO₂ reinjection
- → Minimize footprint
- → Electric LNG trains
- → Reforestation program
- → Monitor, Nurseries ...





- → Communities
- → Training and Scholarships
- → Socio economic projects
- → Health













EUROPE 48 TEAMS

ASIA-PACIFIC & MIDDLE EAST 16 TEAMS

AMERICAS 16 TEAMS

Nearly
2,000
employees
will take part.

AFRICA 20 TEAMS







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