



REPowerEU Plan

*12th meeting of the EnC SoS group for Electricity
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Gonzalo FERNANDEZ COSTA – Policy officer DG ENER

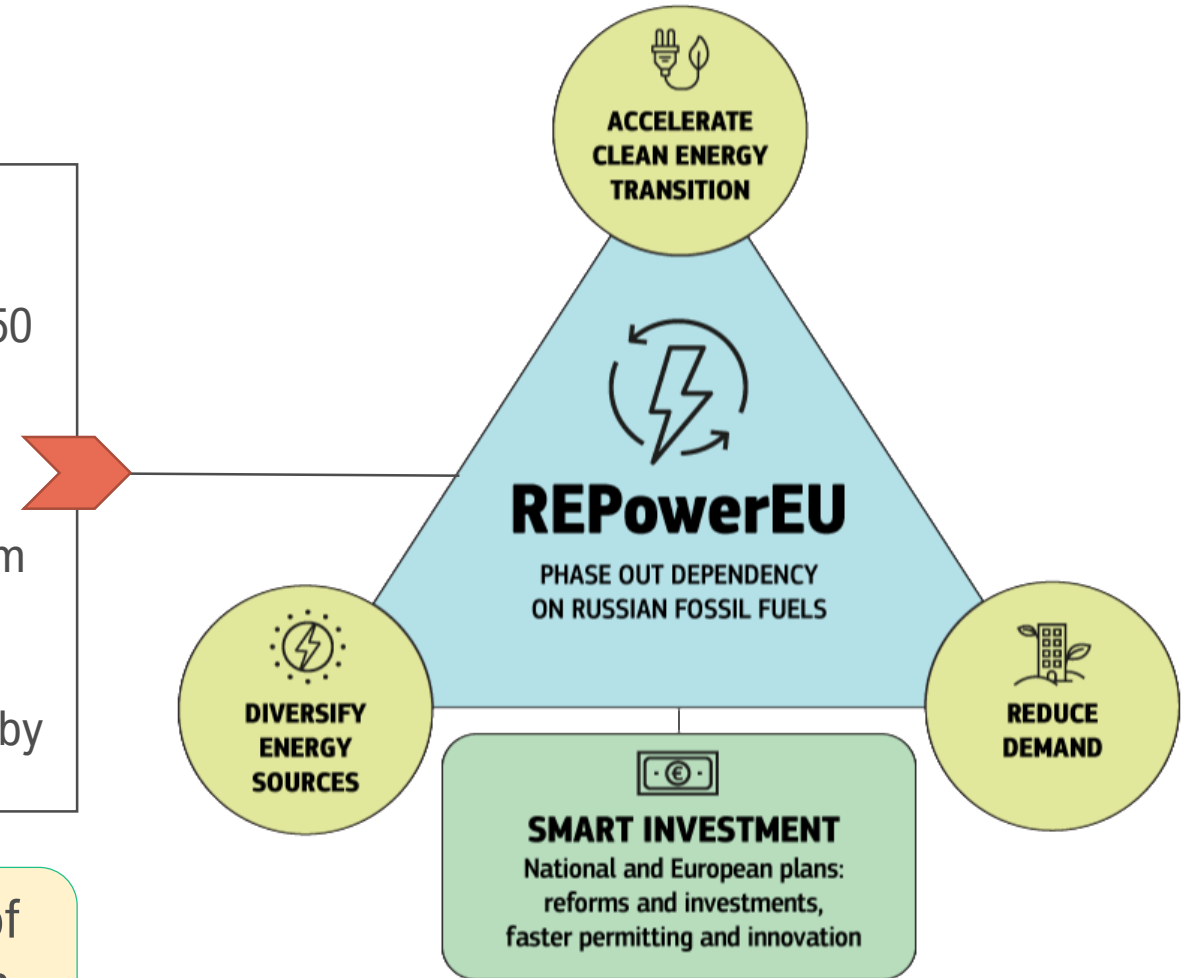
REPowerEU: from goals to actions

Independence from Russian fossil fuels by 2027

- Increase imports of **liquefied natural gas** (LNG) by 50 bcm
- Increase **pipeline gas** imports by 10 bcm
- Increase **biomethane** production by 3.5 bcm
- EU-wide **energy saving** to cut gas demand by 14 bcm
- **Rooftop solar** to reduce gas demand by 2.5 bcm
- **Heat pumps** to reduce gas demand by 1.5 bcm
- Reduce gas demand in the power sector by 20 bcm by deployment of **wind and solar**

Increase the target of renewable energy from 40% to **45%** by 2030

Increase the target of energy savings from 9% to **13%** by 2030



Energy savings

Achieving short-term energy savings through behavioural change

- Key sectors: **heating** in households and services, **transportation**
- **Information campaigns** on individual actions : turn down heating, draught proofing, encouraging train and cycle use, ...
- **Incitement and supporting actions** : rebates on energy-efficient appliance purchase, reduced VAT on high efficiency heating systems, ...

Potential savings

- 5 % **gas** use (+/- 13bcm)
- 5 % **oil** use (+/- 16mtoe)

Strengthening structural change with mid- to long-term energy efficiency measures

- **Strengthen regulatory framework** through FitFor55: increased target for energy savings from 9% to 13% by 2030

Solar: four flagship initiatives

**EU Solar PV
Industry
Alliance**

**Permitting
package –
legislative
proposal,
Recommendation
and guidance**

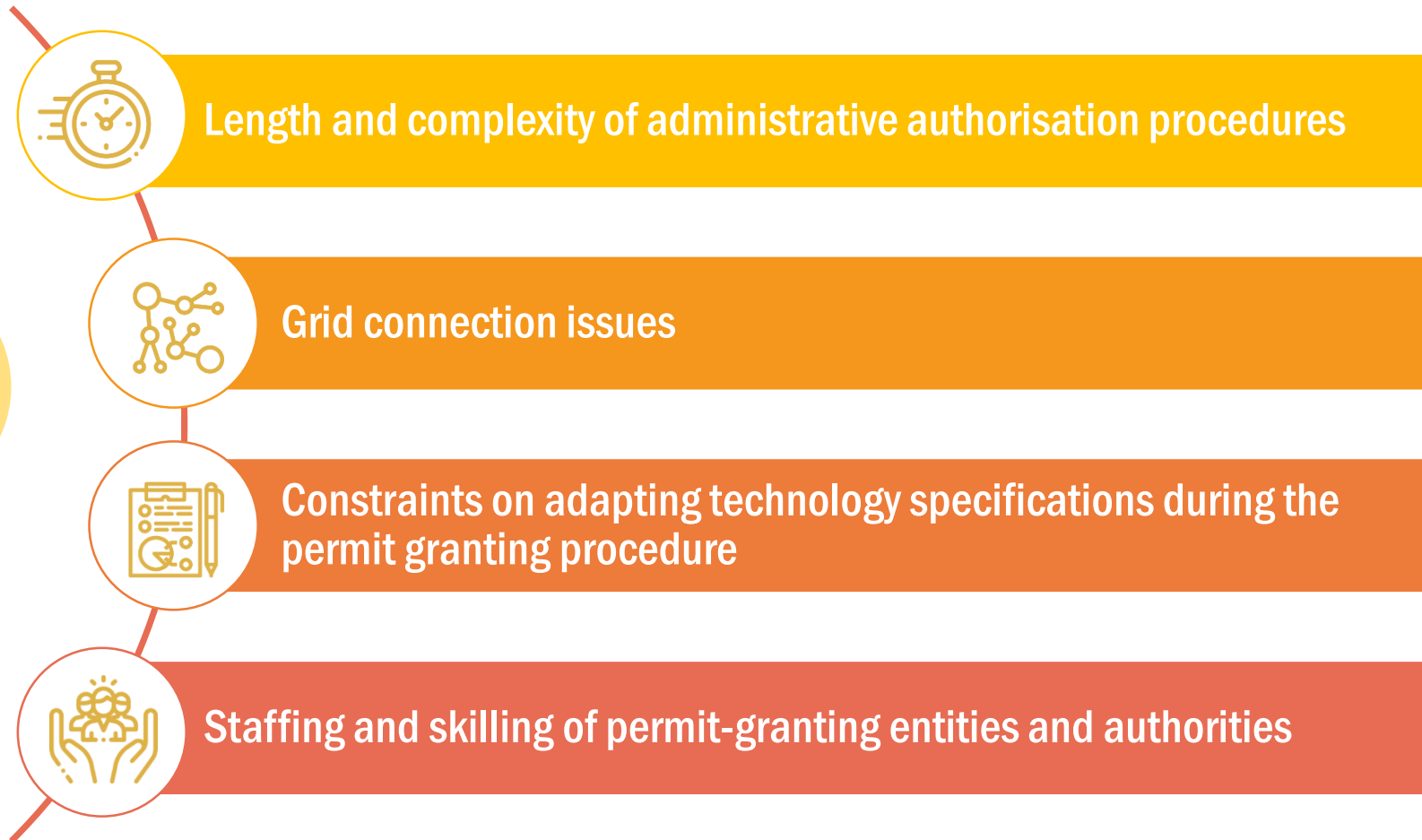
**EU Solar
Rooftops
Initiative**

**EU large-scale skills
partnership for
onshore renewable
energy, including
solar energy**



Increasing renewables share : Permitting (i)

Issues to address



Increasing renewables share : Permitting (ii)

Commission guidance on **good/best practices**

Amendment of **REDII** on permitting - establishing “**renewable go-to areas**”: areas where environmental impact has been identified as



Solutions proposed

Recommendation on **speeding up permitting-granting procedures** and facilitating **Power Purchase Agreements**

Renewable gases

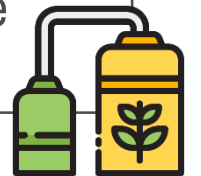
Hydrogen

- Renewable **hydrogen accelerator** : 10 million tonnes of both domestic production and imports by 2030
- **Regulatory framework**: delegated acts and standards
- Accelerate hydrogen projects with **IPCEI funding**
- Faster deployment of **infrastructure** supported by **CEF funding**
- **Progress report** on hydrogen uptake by 2025
- A global **hydrogen facility** and **green hydrogen partnerships**



Biomethane

- Dedicated plan to **double production by 2030** to 35 bcm bio-methane a year
- **EUR 36 billion investment needs** eligible for EU co-financing : CAP, RRF, cohesion policy funds ...
- Establishment of an **industrial biogas and bio-methane partnership** to stimulate the renewable gases value chain



Short term intervention measures

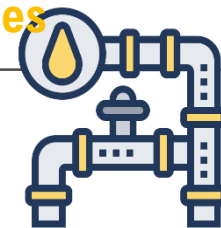
Electricity market

- Prolongation of **taxation/regulatory measures** removing infra-marginal returns of certain generators
- Temporary extension of scope of regulated retail prices to **SMEs**
- Measures to subsidize the **input cost of marginal power generation technologies**
- Exceptional use of **congestion rents** to finance emergency measures targeting consumers and businesses
- Accelerate use of **demand response**

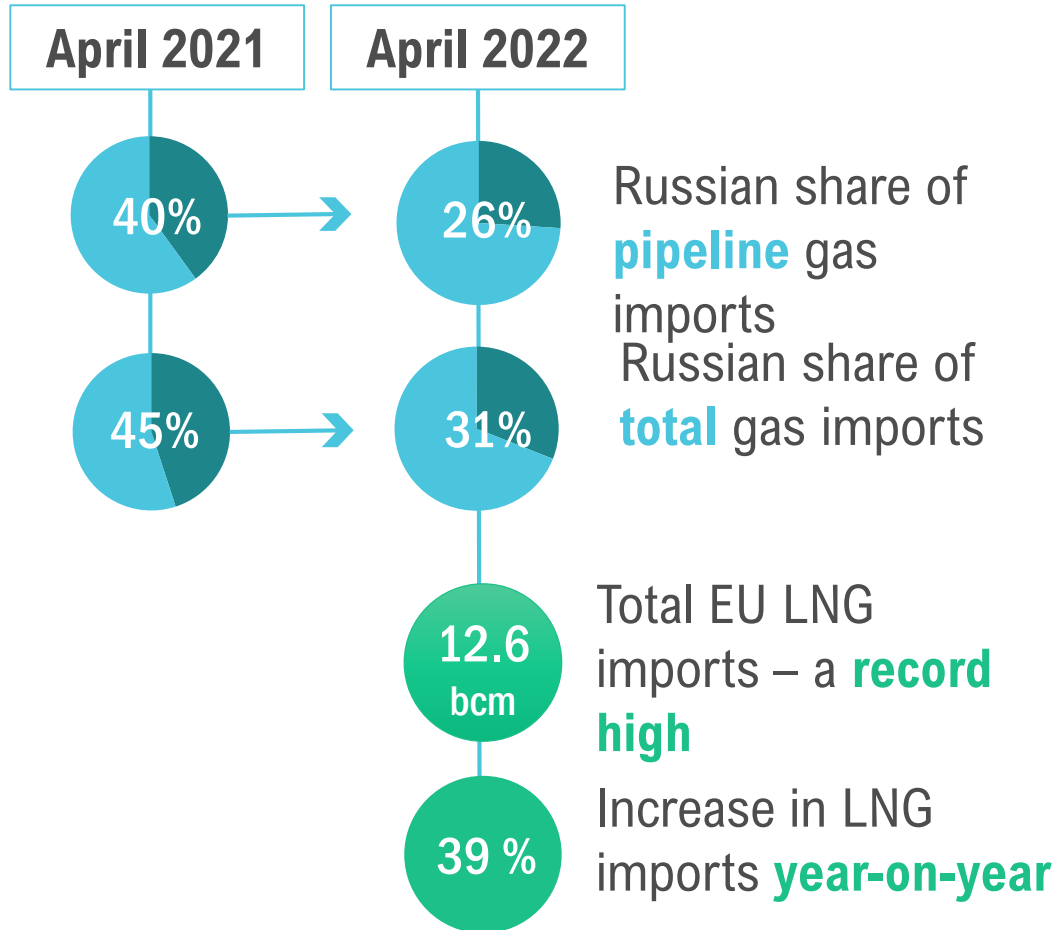


Gas market

- EU **Energy Purchase Platform**
- Extend **retail price regulation** for gas
- Emergency **liquidity support** measures – to relieve commodities traders
- Measures to **address price volatility on EU gas exchanges**
- **Preparedness**



Diversification of gas supplies



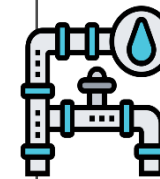
LNG

- **EU-US** Joint Statement and Task Force on European Energy Security
- EU **Energy Purchase Platform**
- Trilateral agreement with **Egypt** and **Israel**
- Increased imports via **Japan, Azerbaijan, Korea, Qatar**
- Untapped potential in **sub-Saharan Africa**



Pipelines

- Norway
- Algeria
- Azerbaijan



EU Energy Platform - unique framework for demand aggregation, outreach and infrastructure optimisation supporting security of supply for gas, LNG and hydrogen

**EU Energy
Platform**

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**Diversification
and security of
gas supply**

Gas demand aggregation and/or purchasing & negotiations

Leverage EU's weight to attract reliable supplies from global markets

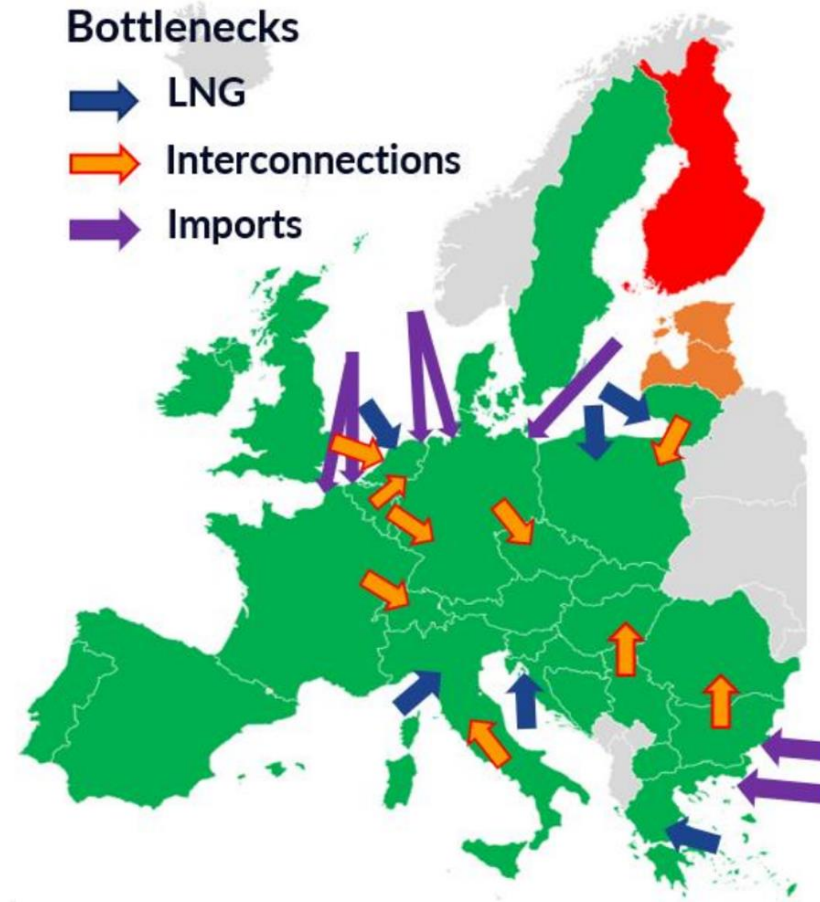
Efficient usage of EU's gas infrastructure

Maximise LNG absorption, ensure security of supply and storage filling

Setting a framework for cooperation – H2 & gas

Protocols, letters of intent or Memoranda of Understanding (EC and MS)

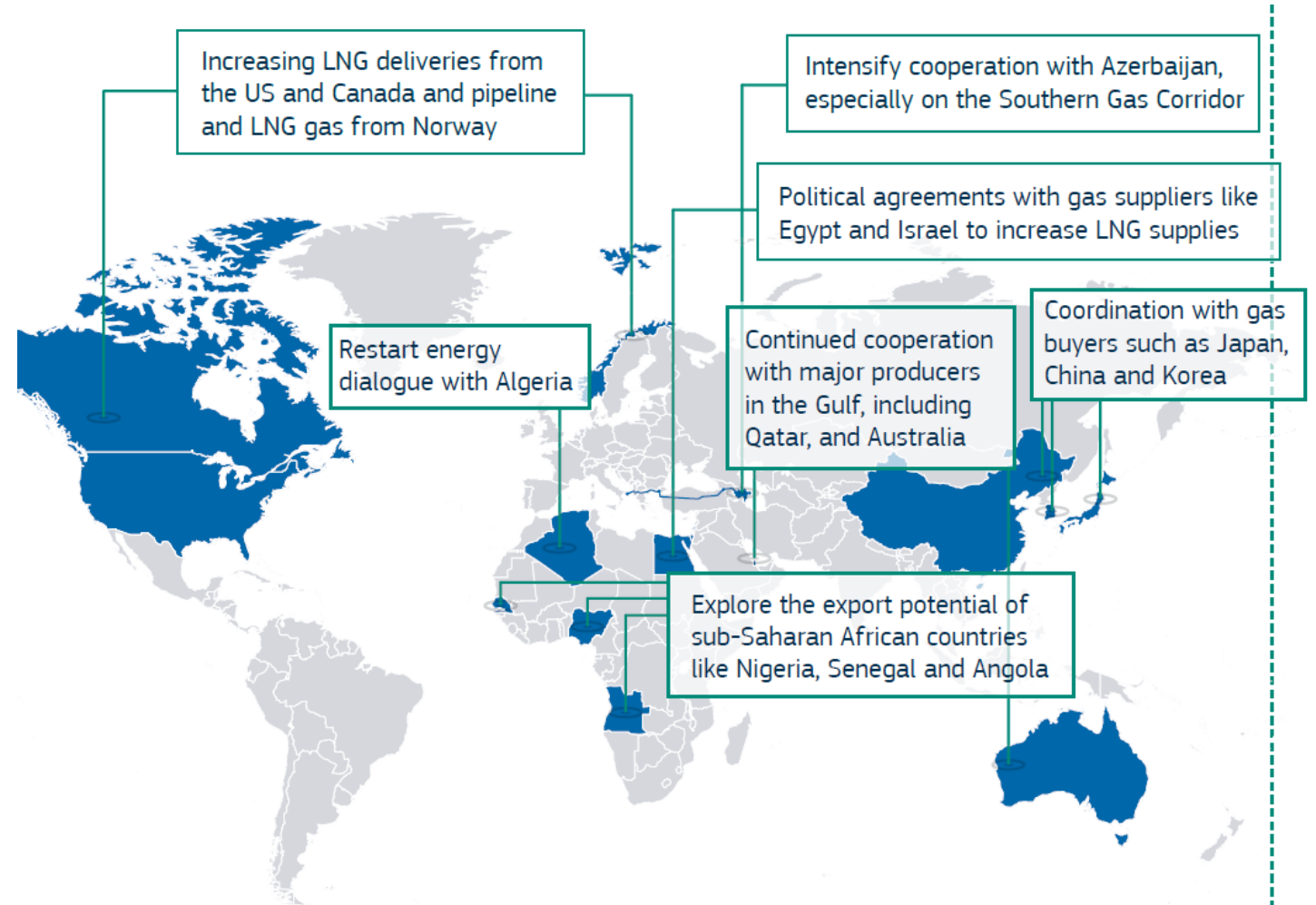
Gas infrastructure



11 New FSRU projects could bring additional capacity of nearly 1 bcm a month by end-2022

International Energy Engagement Strategy

The **EU Energy Platform** will play a key role to pool demand, coordinate infrastructure use, negotiations with the international partners and prepare for joint gas and hydrogen purchases.



International Energy Engagement Strategy

- Promote the **international phase-out of unabated coal power generation and fossil fuel subsidies**
- Accelerate the global green energy transition by facilitating sustainable investments and connectivity through **Global Gateway**
- Implement the **Joint Energy Transition Partnership with South Africa** and explore similar partnerships with other countries in view of COP27
- Implement the **EU-Africa Green Energy Initiative**, bringing electricity access to 100 million people in Africa
- Boost the **roll-out of renewables and energy efficiency and savings across the world**, including in Western Balkans, Africa, the Mediterranean and the Indo-Pacific
- Ensure fair access to **critical raw materials** through dialogue, partnerships and the EU trade policy
- Make **energy efficiency and savings** a global priority and facilitate the global transition to a more circular economy
- Push forward the **Global Methane Pledge**

International Energy Engagement Strategy

The **REPowerUkraine** initiative will help ensure energy supply and rebuild the Ukrainian energy sector after the war.



Enable electricity trading with Ukraine and Moldova following the emergency synchronization



Ensure reverse flows of gas to Ukraine via Slovakia, Hungary and Poland and to Moldova and Ukraine via Romania through the Trans Balkan pipeline



Assist in the reconstruction of the necessary nuclear safety capacity in cooperation with the International Atomic Energy Agency



Open the EU's voluntary gas purchasing platform to Ukraine, Moldova, Georgia and the Western Balkans



Promote ambitious energy and climate policies and market reforms including through the Energy Community framework

Thank you

- [Delivering on the European Green Deal](#)
- [REPowerEU](#)
- [DG ENER](#)