

# Presentation to the G20 Energy Transitions Working Group:

# Recent Energy Security Issues and Risks to Sustainable Recovery

International Energy Forum

24 March 2021, Yogyakarta

### XX Briefing on Global Energy Security



Key Messages

**Update on Current Situation** 

What is the Challenge

How should the G20 respond?





# Recent Energy Security issues and Risks to Sustainable Recovery

Recover Together and Recover Stronger

### **Key Messages**

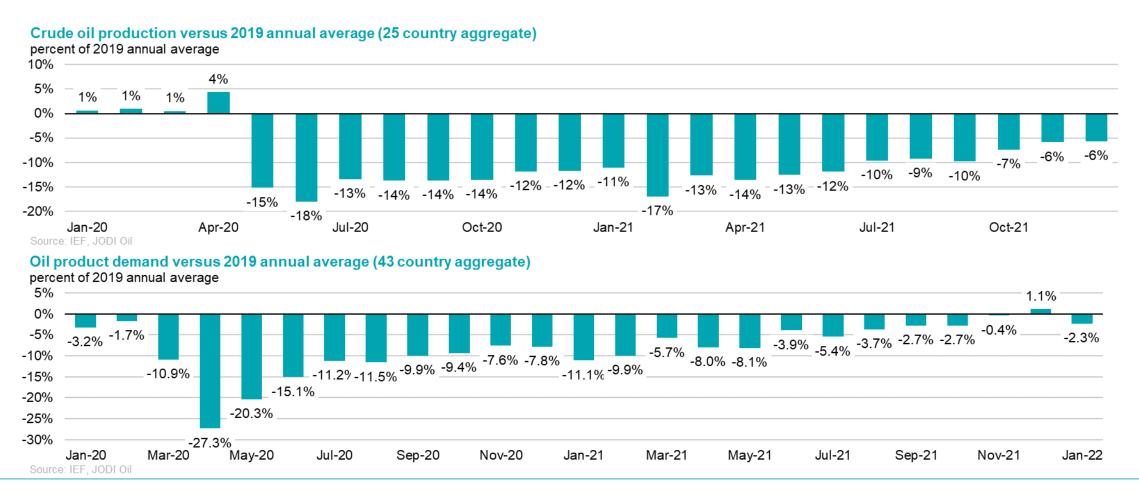
- As of January 2022, neither oil production or demand had returned to precovid levels
- Low inventories combined with low spare capacity gives little ability to absorb a supply shock
- Neither producers nor consumers benefit from current situation, all co-depend on well functioning energy markets
- Clear, stable, long-term energy policy guidance must unlock investment for more diverse energy supplies, affordable access, and inclusive development
- Temporary and targeted measures e.g. to shield consumers should not add to market distortions or create new barriers
- Easing access to finance, clean technologies, and resources including critical minerals, will accelerate transitions and boost sustainable growth



### **Update on Current Situation**

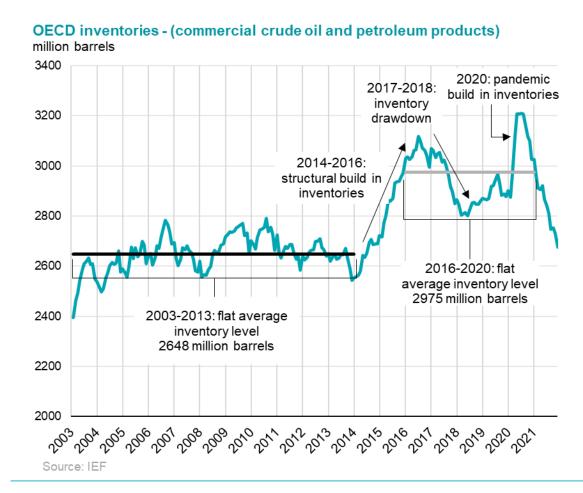


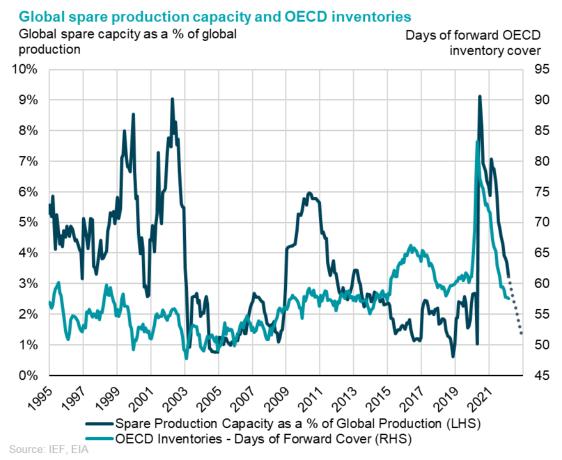
### As of January 2022, oil demand was at 97% of pre-COVID levels in January while crude production lags at 93%





### Lower inventories combined with low spare capacity means the market has little ability to absorb supply shocks



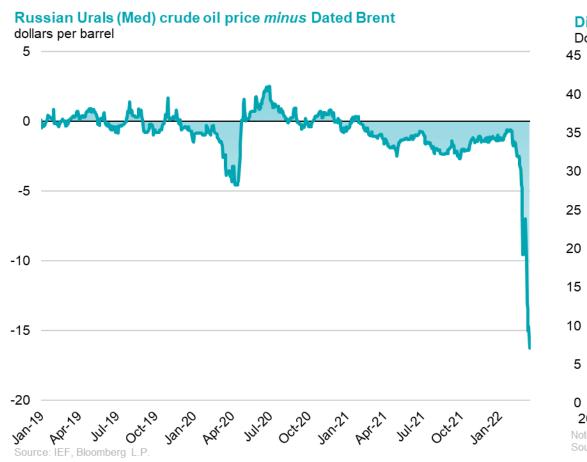


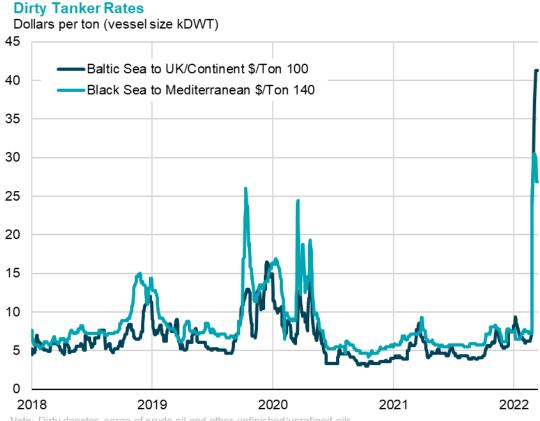


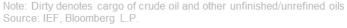
### What is the Challenge



# Some market participants are "self sanctioning" and shipping rates have spiked as markets adjust





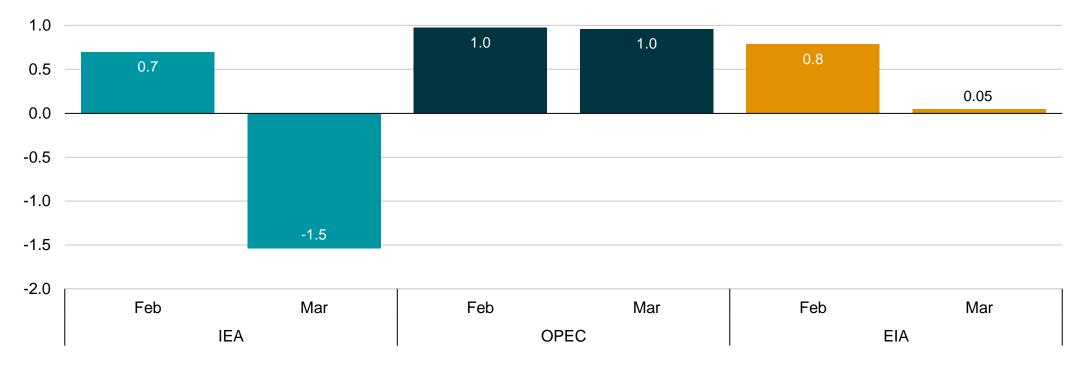




# Russian supply assessments differ, risk of shut-ins grows due to limited domestic storage

#### Russia Supply Growth Forecasts for 2022 (Y/Y)

Million barrels per day

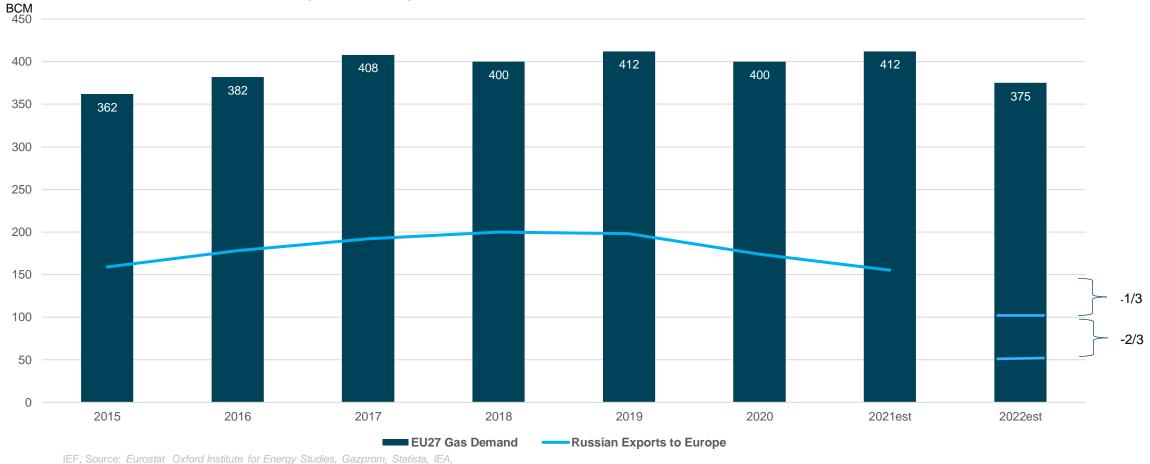


Source: IEF, IEA, OPEC, EIA



### OECD IEA and EU aim to sharply reduce fossil fuel imports starting with gas

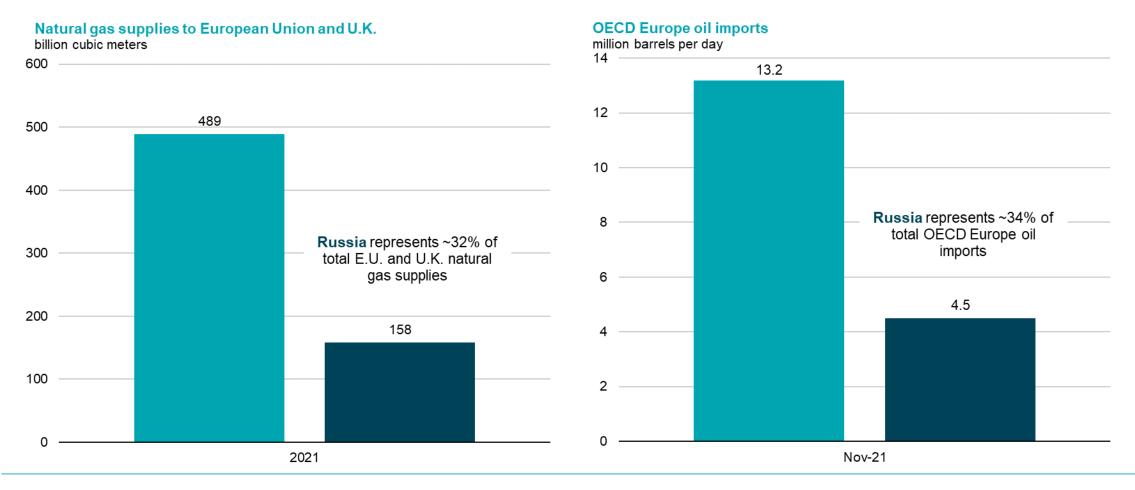
#### **EU27 Gas Demand and Russian Gas Exports to Europe**



European Commission

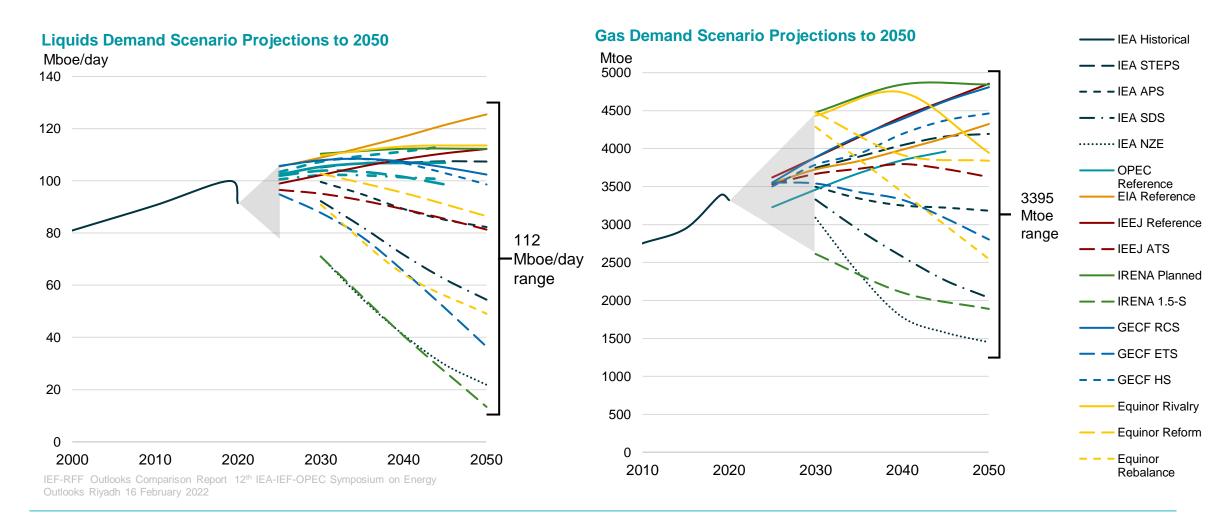


# Europe diversifying away from Russian energy supplies will shift global markets and supply chains





# Crises add to an already uncertain energy future The gap between outlooks exceeds current market size





# Uncertainty hinders already low investment in oil & gas supplies required during transition

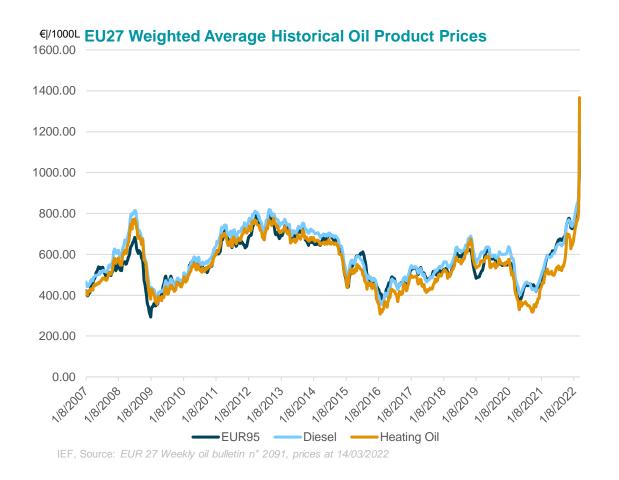
#### **Global Upstream Oil and Gas Capex**

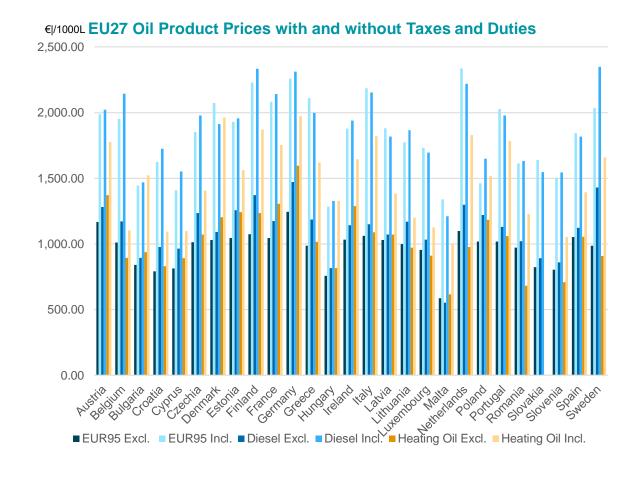




### Consumers exposed to unsustainable price shocks

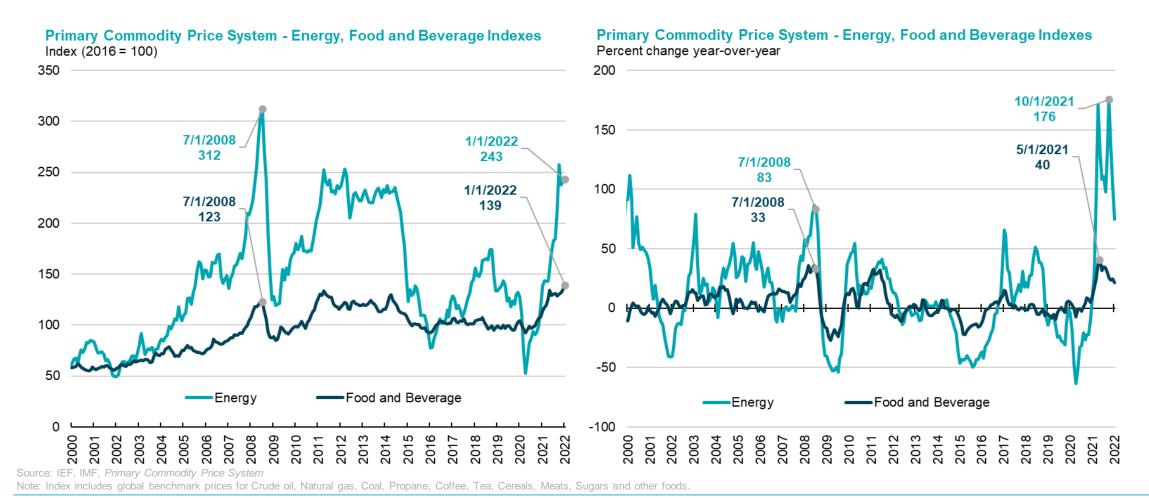
### Easing of taxes and duties to provide temporary relief





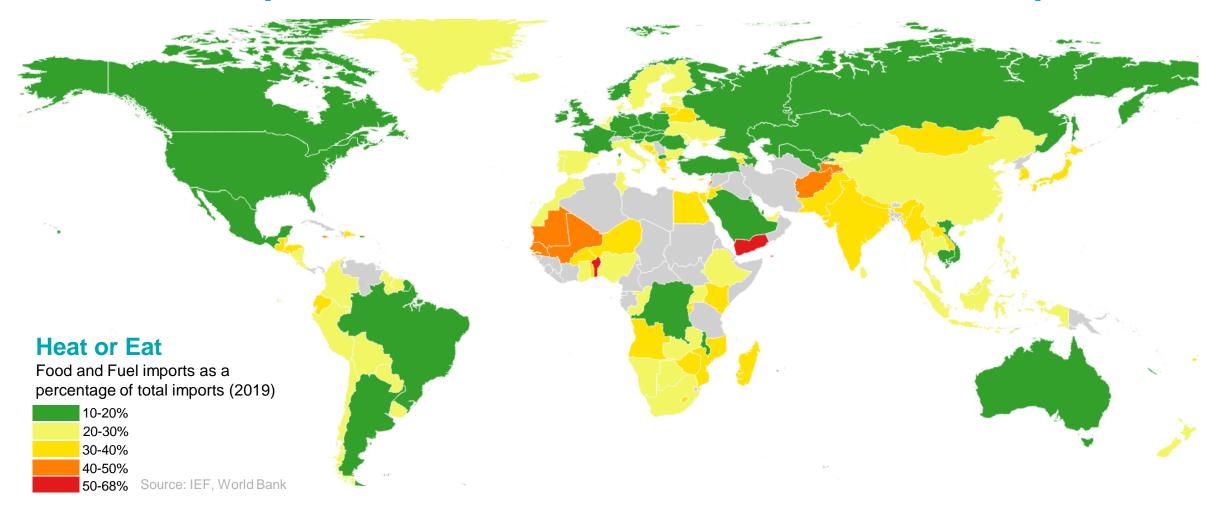


## High energy and food prices create risks to sustainable recovery





### Approximately 2.5 billion people live in countries where food and fuel imports combined are 30% or more of total imports

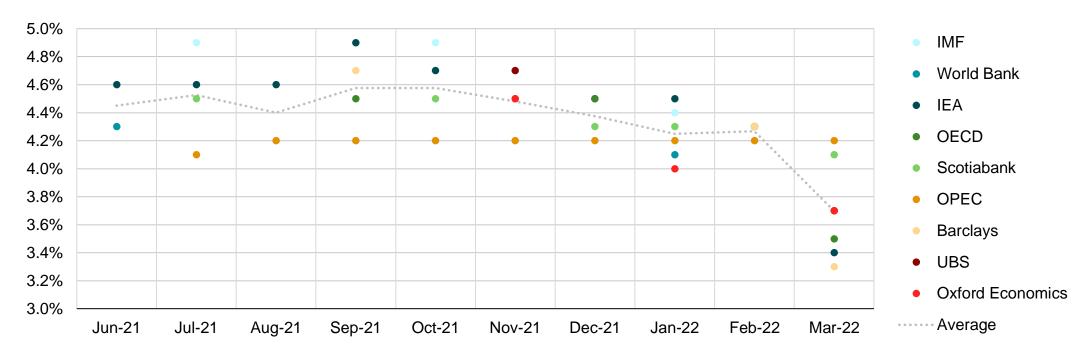




# These risk result in ongoing GDP downgrades amounting to a ~1.0 percentage point reduction so far

#### **Global GDP Forecasts for 2022**

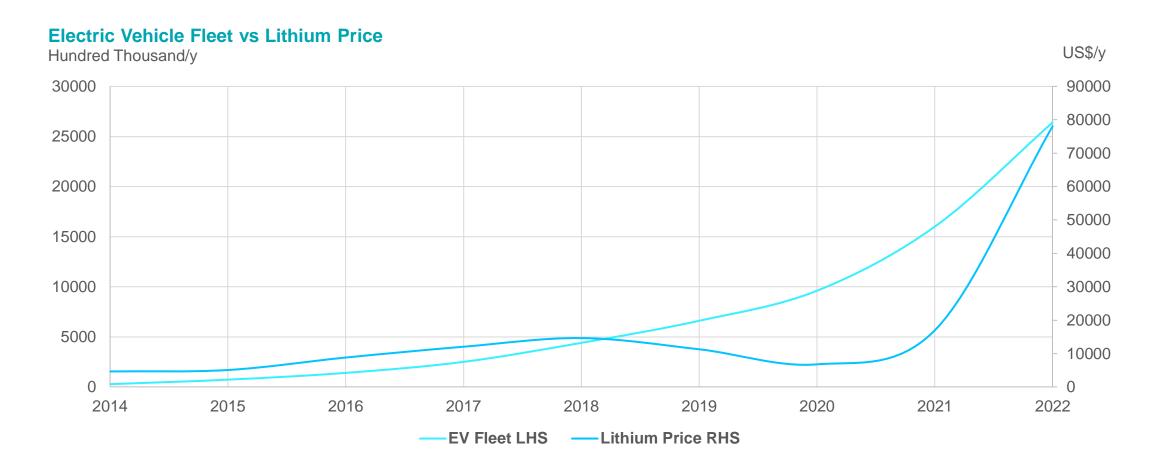
% Global Growth



Source: IEF, IMF, World Bank, IEA, OPEC, Barclays, UBS, Scotiabank, Oxford Economics, Bloomberg



# Accelerated transitions drive up critical mineral prices creating new co-dependencies and governance demands





### **How Should G20 Respond?**



### G20-IEF Global Economic and Energy Market Governance



### Avoid disorderly and costly transitions in fragmented global energy markets

Fortify global energy trade and investment rules, reduce tariff and non-tariff hurdles, step-up investment in RD&D and facilitate technology transfer.



### Alert to measures taken, minimize global impacts and review emergency mechanisms

Assure timely notification and transparency on measures taken, optimize preparedness, policy and market responses to minimize global impacts.



#### Intensify producer consumer dialogue with market stakeholders

Reinforce rule of law and collaboration, pool resources to accommodate changes in flows and engage with private sector stakeholders to address challenges



#### Deepen collective market insight on energy sector investment, trade and market dynamics

Monitor physical and financial market fundamentals to ensure that supply recovers in step with demand growth. Ensure viable market signals and risk management.



### Bolster energy security and market stability with investment in productivity, flexibility, and resilience

Strengthen energy productivity and connectivity to enhance efficiency and optionality, Commoditize available and stimulate investment in new infrastructure capacities



#### Expand global energy markets data to meet new demands

Including data on energy flows, storage spare capacity and critical minerals, and leverage alternative metrics to overcome data gaps.



### Stimulate sustainable growth with clear and stable policies focused on diversification and development

Shield consumers with temporary and well targeted measures. Diversify access to markets and resources, including critical minerals to accelerate sustainable growth.



#### Expedite share and report on data faster

Step up more regular submissions directly to the Joint Organisations Data Initiative including by leveraging digitalization for nearer to real time assessments.





### **Thank You**

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