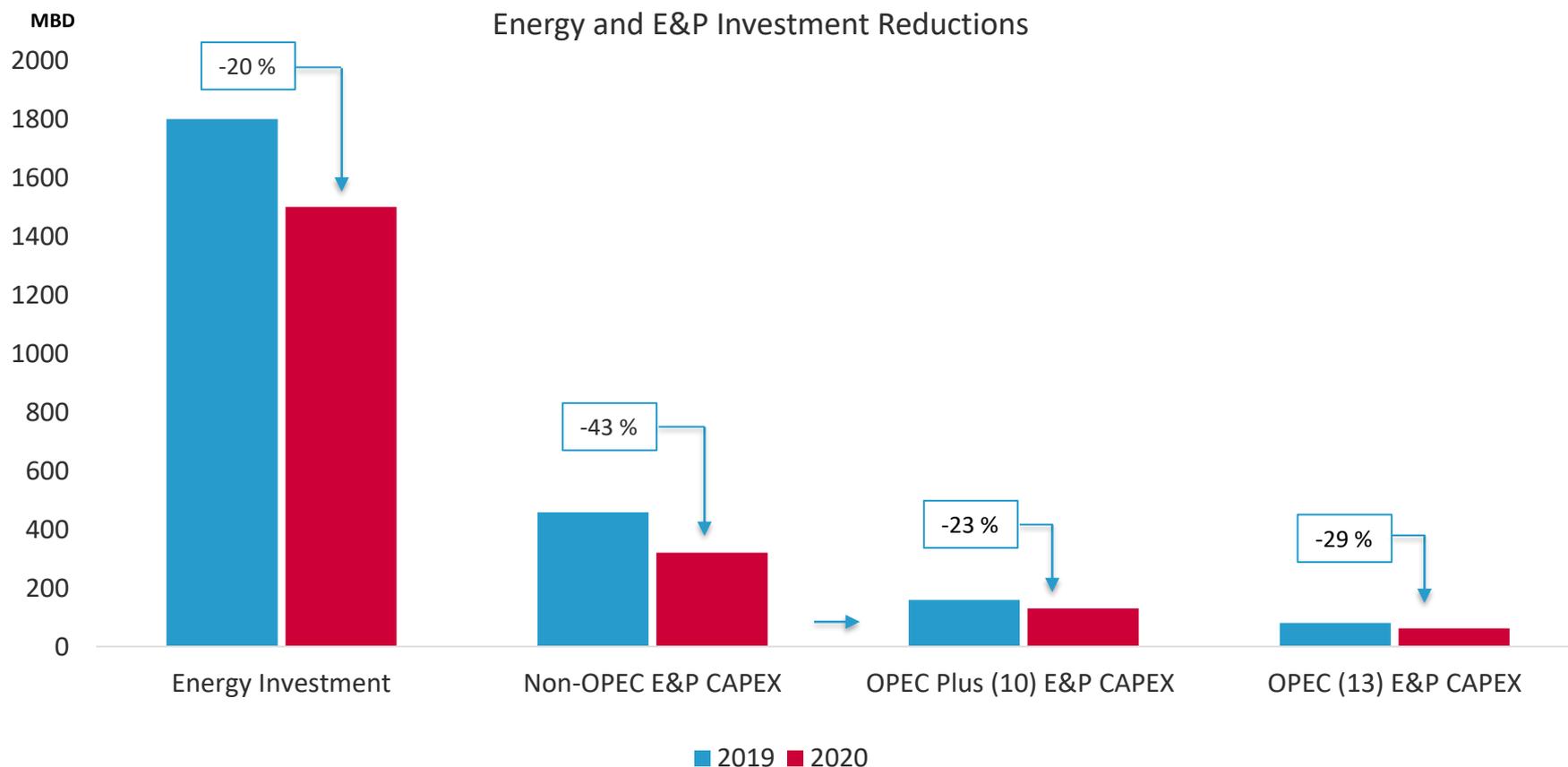




**Energy Security
Consumer-Producer Contributions**

Investment reductions are highest in non-OPEC region

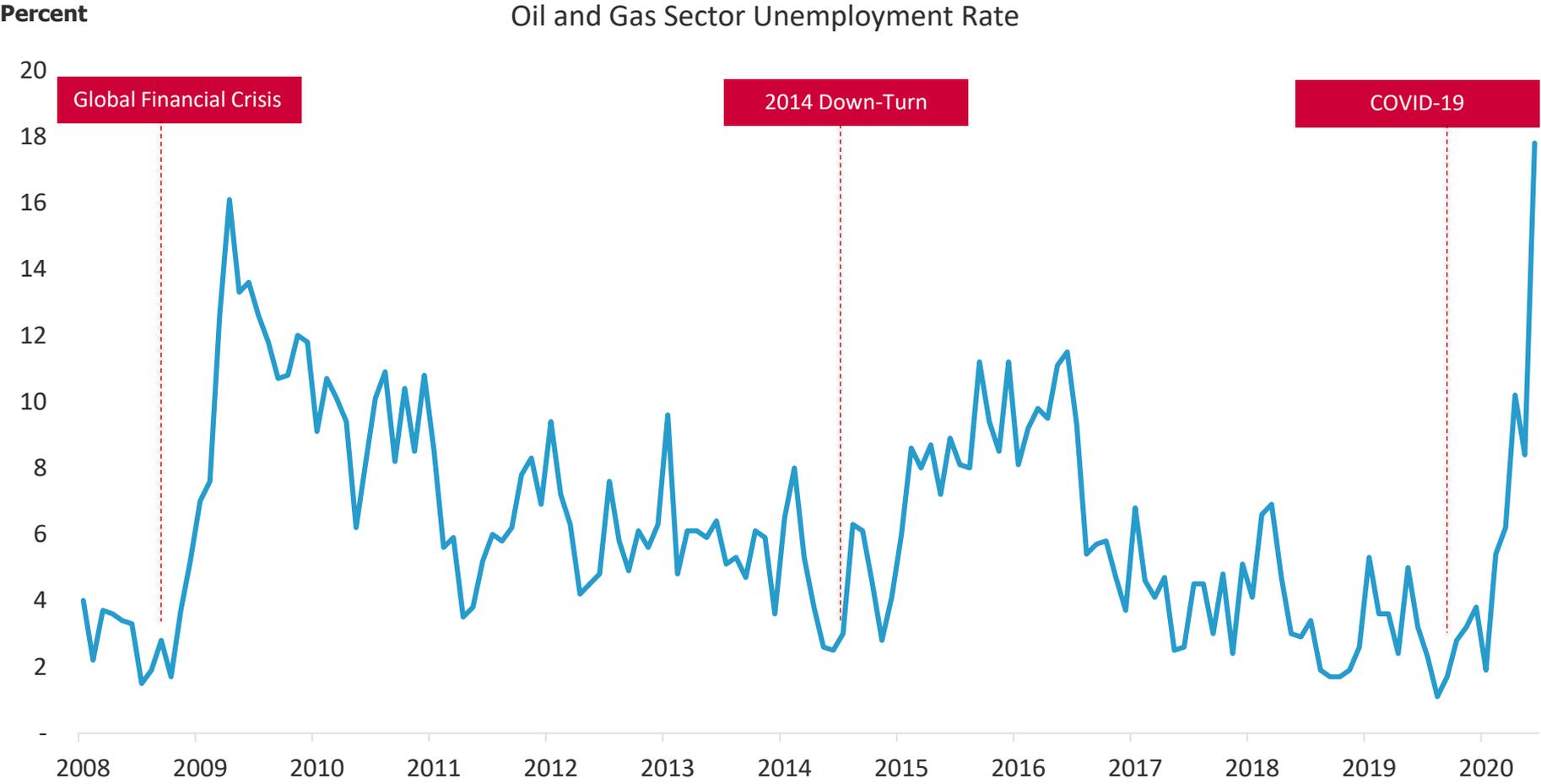
A replay of the supply resilience witnessed after the 2014-16 downturn is doubtful



Data Sources: IEA, Rystad

Unemployment rate surpasses previous cycles

Constraints on human resources and skills will tighten as uncertainty endures

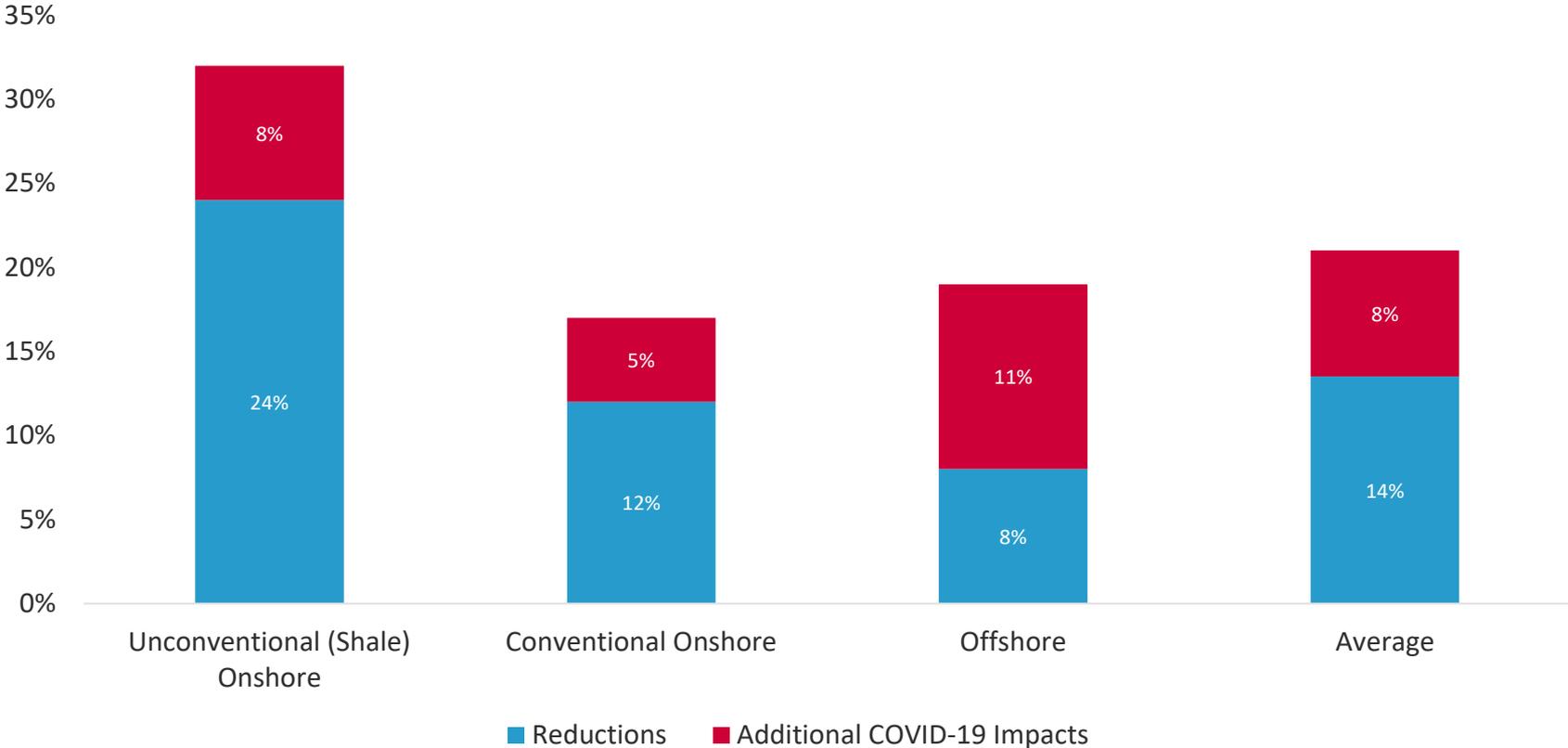


Data Source: Federal Reserve Economic Data

Layoffs exceed one fifth of currently employed

Due to demand collapse and additional COVID-19 impacts

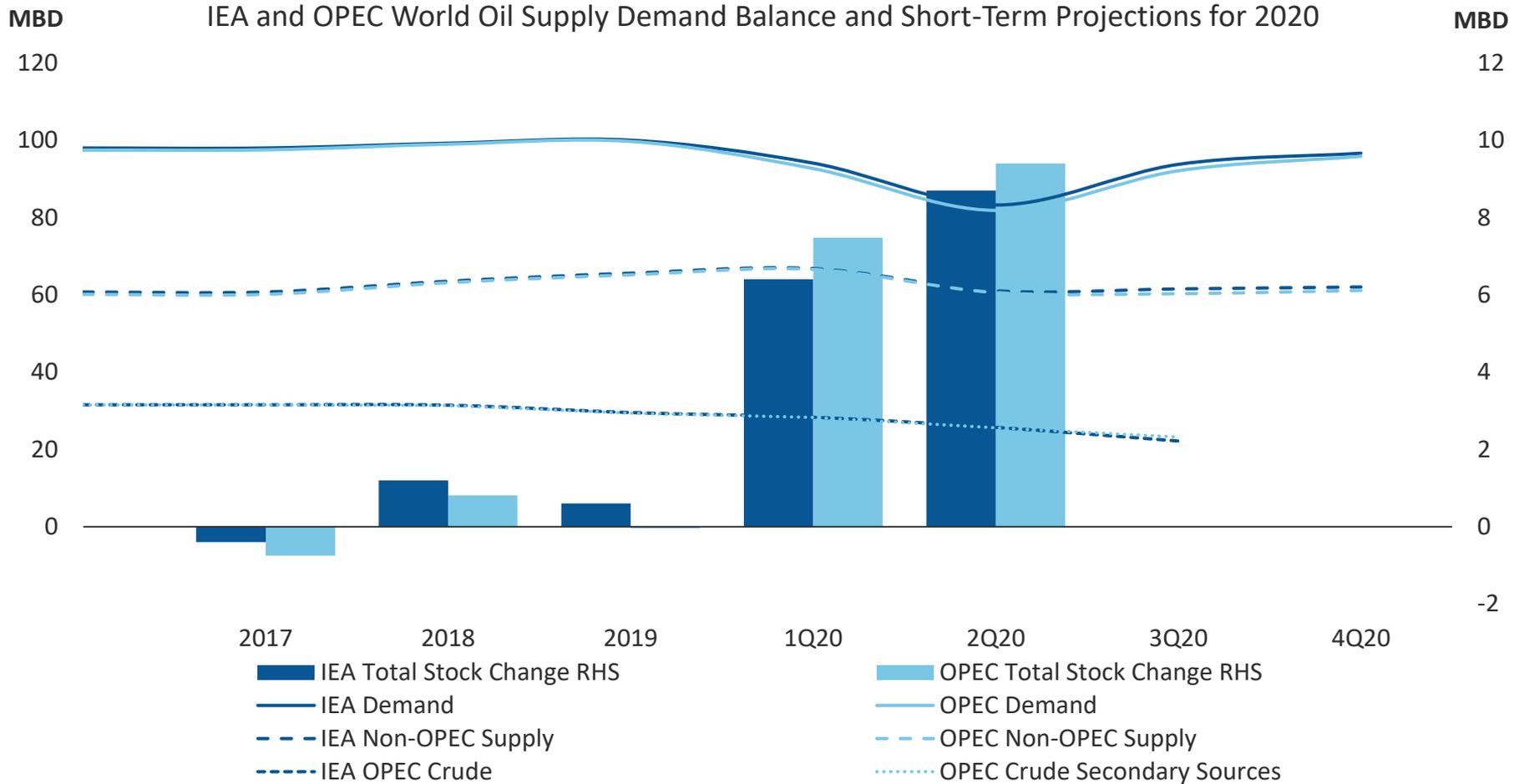
Share of Total Unemployment Across Oil and Gas Sectors



Data Source: Statista

Return of demand to outrun structural supply recovery

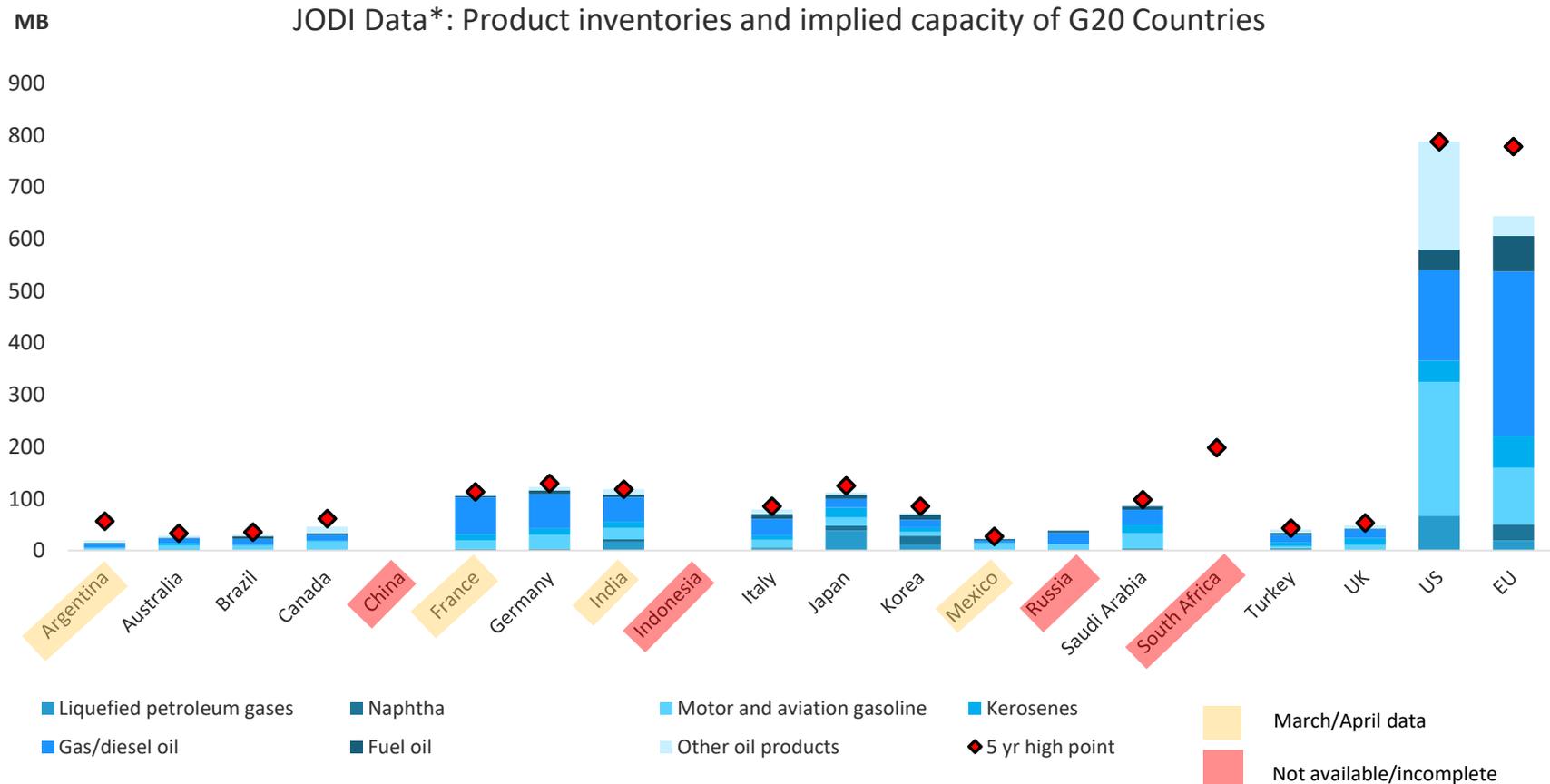
Timely production adjustments, stock data and investments are critical to market balance



IEF Comparative Data Analysis of IEA and OPEC Reports on the Oil Market August 2020

Short-term stability depends on stock changes

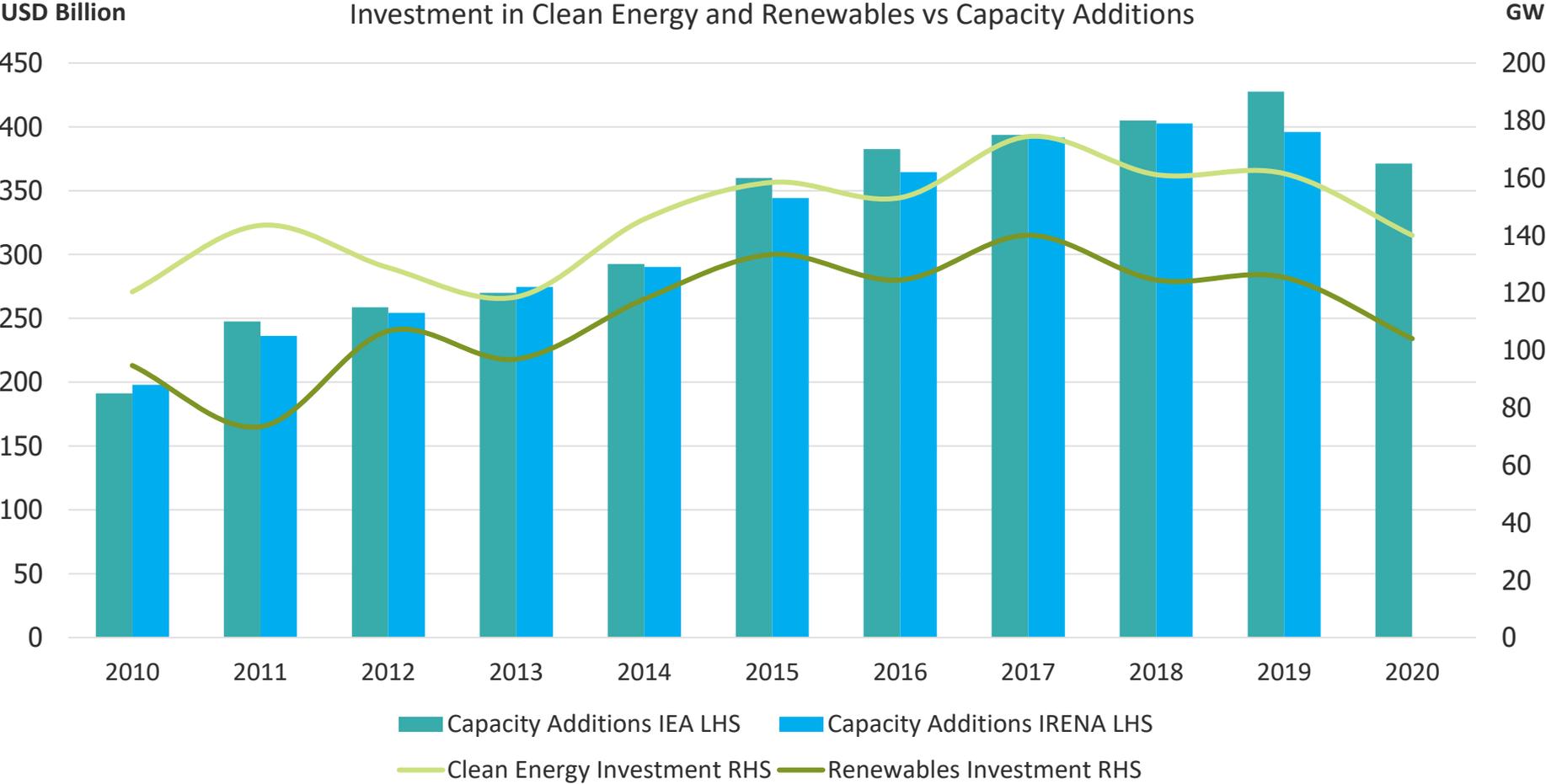
Accelerated and more complete submissions to bridge time lag and data gaps are needed



Data Source: JODI *JODI May data unless otherwise stated

Both clean energy and renewables investment slow

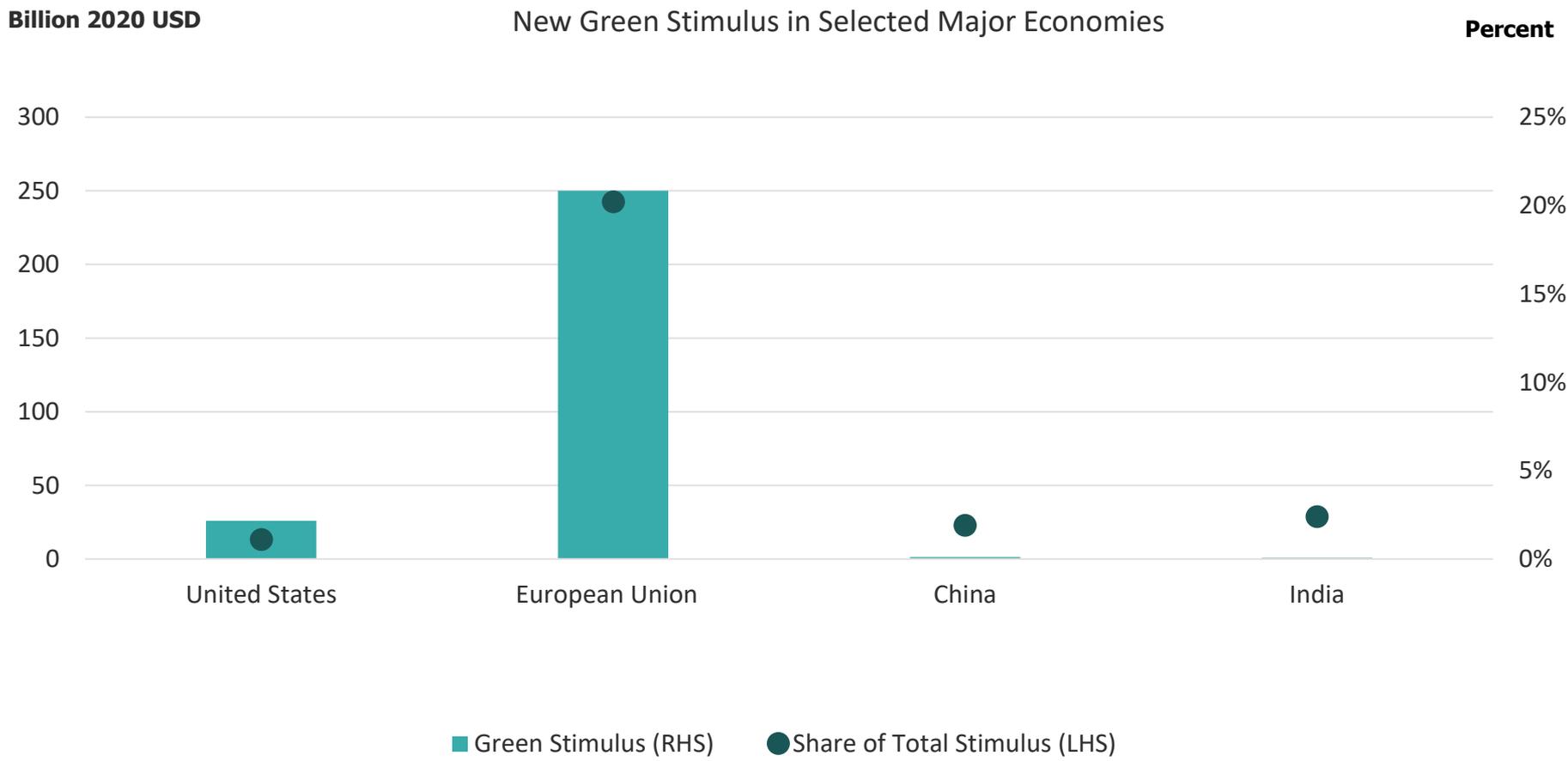
Though additions have continued to grow up to 2019 they will contract in 2020



Data source IEA , IRENA, BNEF 2020

EU green stimulus stands out, restoring growth to do more

Prudence is at play due to financial constraints and lessons learnt from earlier measures



Data Source: IMF Fiscal Tracker Rhodium Group IEF assessments

Consumer-Producer Dialogue Contributions

Towards a swift, secure, and sustainable recovery



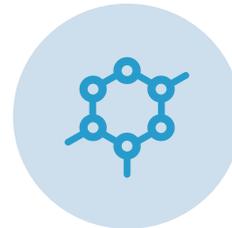
Devise mechanisms to retain human resources and sustain investment in essential energy sector projects and critical infrastructures.



Reduce barriers to investment and trade by avoiding or delaying measures that hinder energy flows through tariffs, taxes, custom duties, and levies.



Encourage and assist market stakeholders to find ways to honour supply and offtake agreements, including by pooling resources.



Enhance flexibility options e.g. for storage owners to commoditise available capacity and lease capacity where required and deemed viable.

Consumer-Producer Data Contributions

Towards a swift, secure, and sustainable recovery



Enhance data transparency on energy sector investments to monitor and ensure that supply will recover in step with demand growth.



Expedite and share data faster in advance and more regular submissions directly to the Joint Organisations Data Initiative.



Jointly assess data on balances including storage and spare capacity data, made available in an expedited manner.



Jointly review emergency mechanisms and mutually reinforce measures taken, optimise preparedness and responses, and be ready for the next crisis.



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