



October 15 at 4 PM GST



Transforming our Region:
Future Insights - Economy and AI

Welcome

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01



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**Economic
Updates**

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Economic Updates

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02

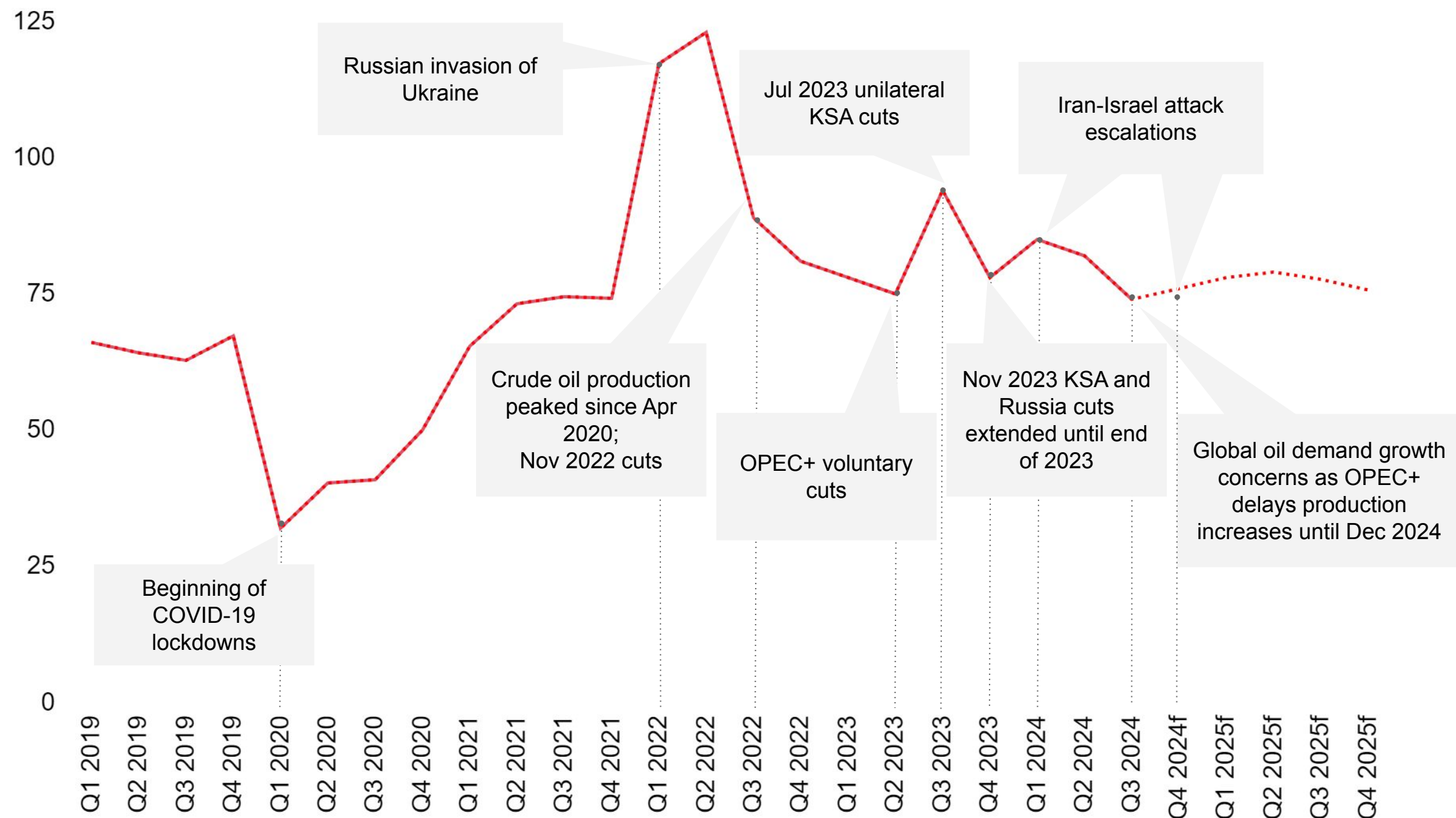


Economic Updates

The rise in oil prices has been muted so far

Brent crude prices

US\$ per barrel



Sources: EIA, OPEC, IEA

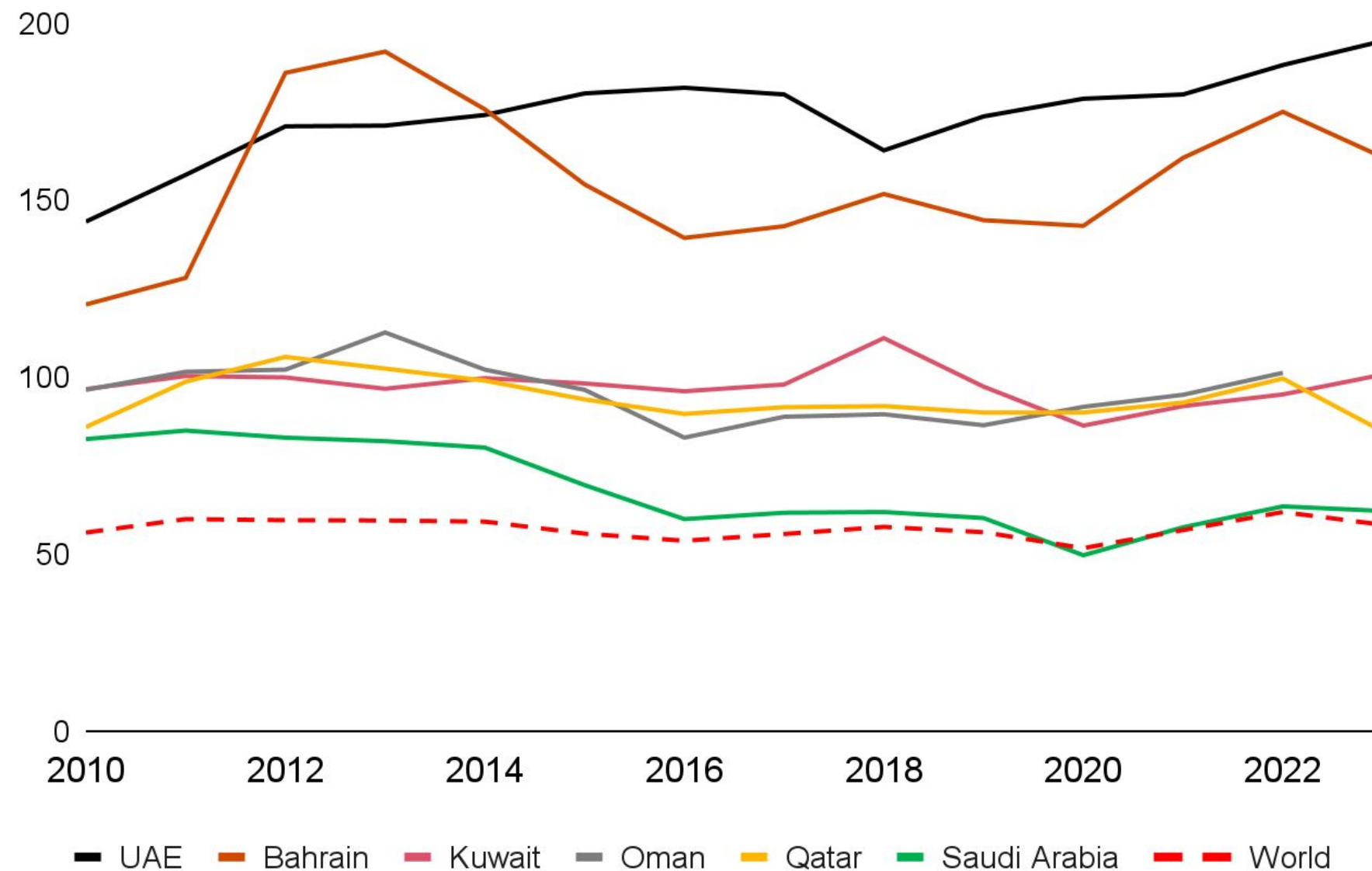
Factors driving a muted response in oil market

- Global economic growth has been slowing, especially in Europe and China
- Supply disruptions have not materialised
- OPEC+ production cuts already priced in
- Availability of alternative supplies (US shale oil, SPR), with the US remaining the largest oil producer in the world

Economic Updates

The GCC's expanding trade agenda

Trade openness (total exports and imports in goods and services) % of GDP, 2010 - 2023



5 significant FTAs are signed between GCC countries and trade partners, with negotiations ongoing with others (non-exhaustive)

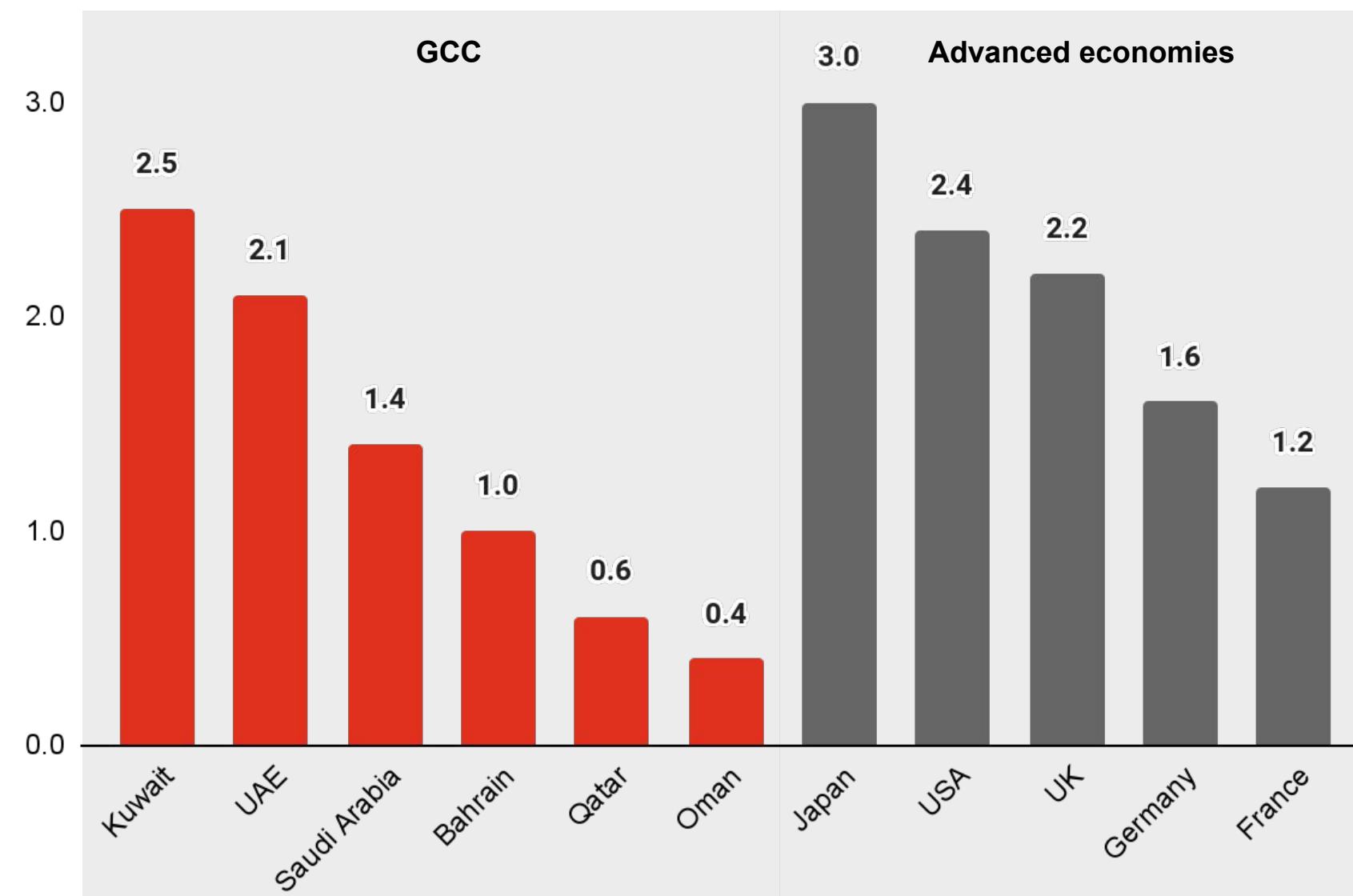
	Signed	Ongoing negotiations
GCC	<ul style="list-style-type: none"> Greater Arab Free Trade Area (GAFTA) Agreement GCC-Singapore FTA (GSFTA) GCC-European Free Trade Association (EFTA) FTA GCC-Pakistan FTA (preliminary) GCC-Republic of South Korea FTA 	<ul style="list-style-type: none"> GCC-Vietnam FTA GCC-UK FTA GCC-China FTA GCC-India FTA GCC-Japan FTA GCC- Australia FTA GCC-New Zealand FTA GCC-Türkiye FTA GCC- Republic of Indonesia
UAE	<ul style="list-style-type: none"> UAE-India Comprehensive Economic Partnership Agreement (CEPA) UAE-Turkey FTA UAE-Chile CEPA UAE-Morocco CEPA UAE-Jordan CEPA UAE-Costa Rica CEPA 	<ul style="list-style-type: none"> UAE-Philippines CEPA UAE-Kenya CEPA UAE-Ukraine CEPA UAE-New Zealand CEPA UAE-Mercosur FTA

Economic Updates

GCC inflation remains manageable but there are pockets of price pressures

CPI

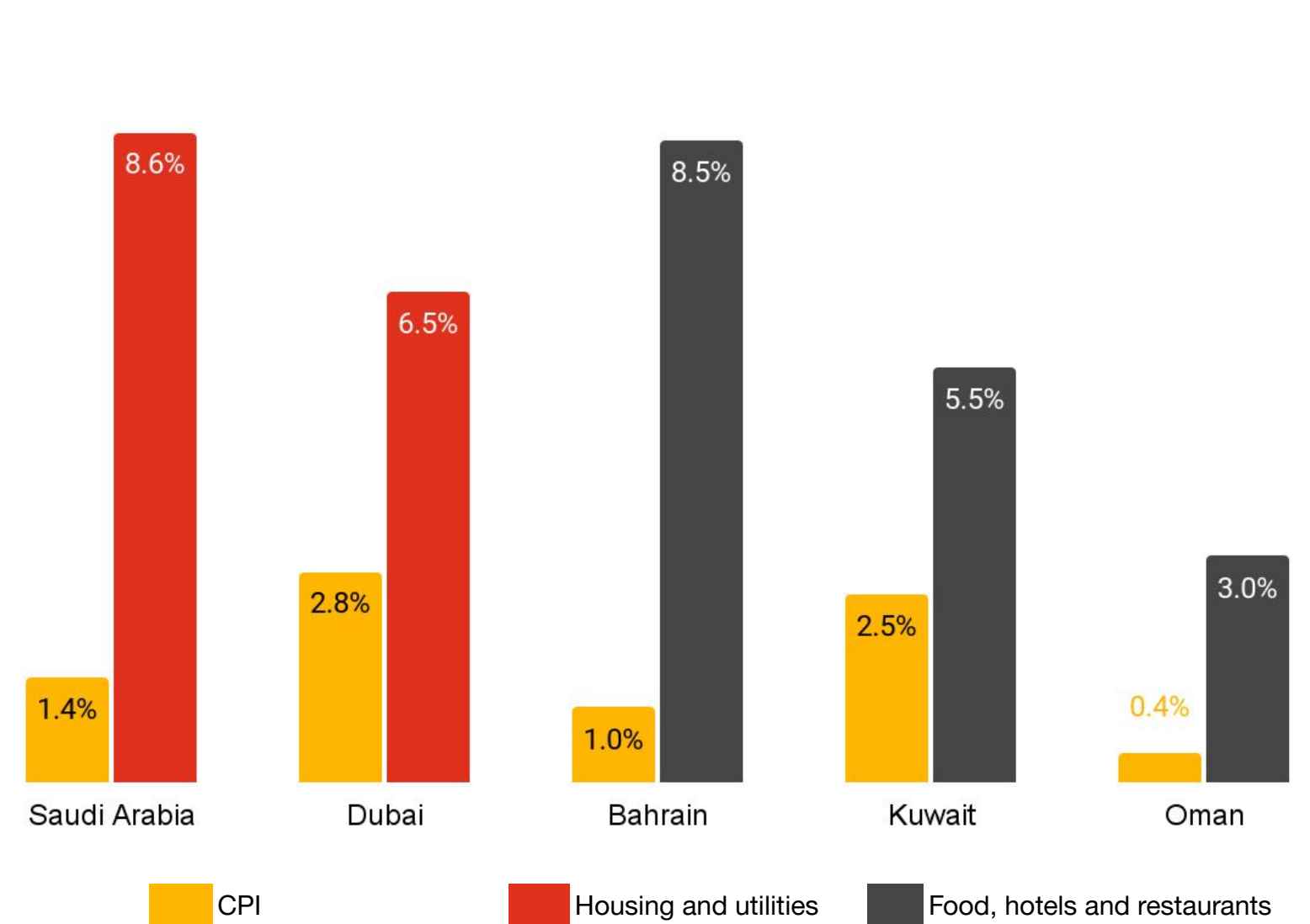
YTD YoY %, September 2024 or latest available



➤ Average inflation rates are generally lower in the region than the rest of the world

CPI

Average YTD YoY%, August 2024 or latest available



➤ There are pockets of price pressures in certain segments

GenAI

Moussa Beidas

Partner, Ideation Lead

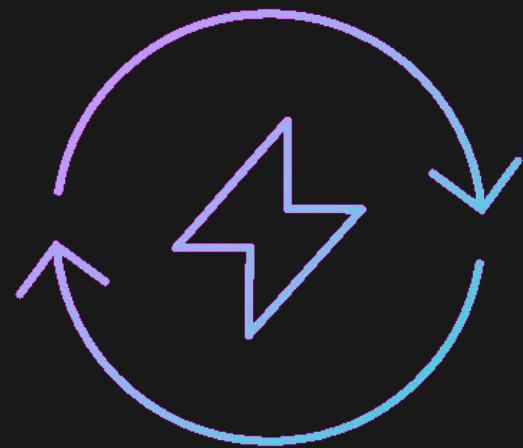
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Gen AI Transformation and New Challenges

As AI rapidly accelerates in growth and adoption, new challenges are emerging. The race is on to manage energy consumption and expand data sources.



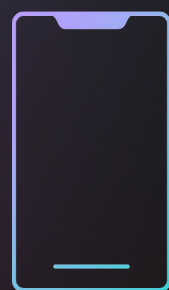
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Energy: Powering the AI Revolution

As AI adoption accelerates, predicting and mitigating energy needs will be crucial to meet anticipated demand.

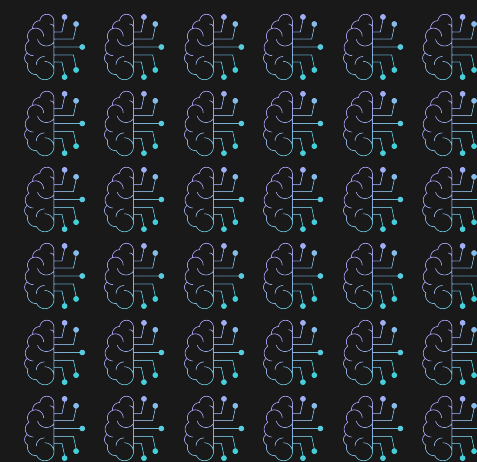
Energy Consumption per Hour



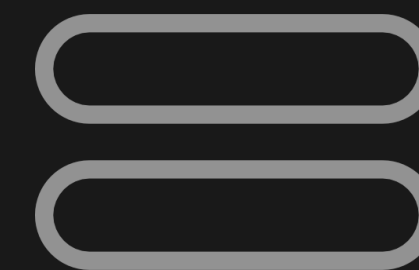
Single conversational AI session consumes around 400 watt-hours



Running a high-performance GPU for 1 hour



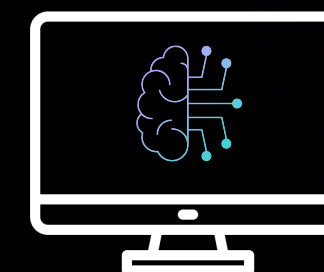
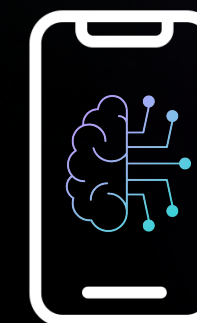
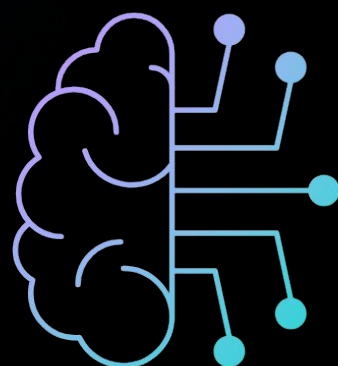
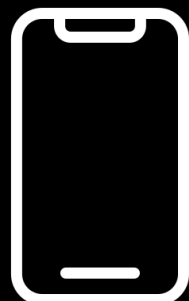
Cluster of 50 GPUs



160 Houses

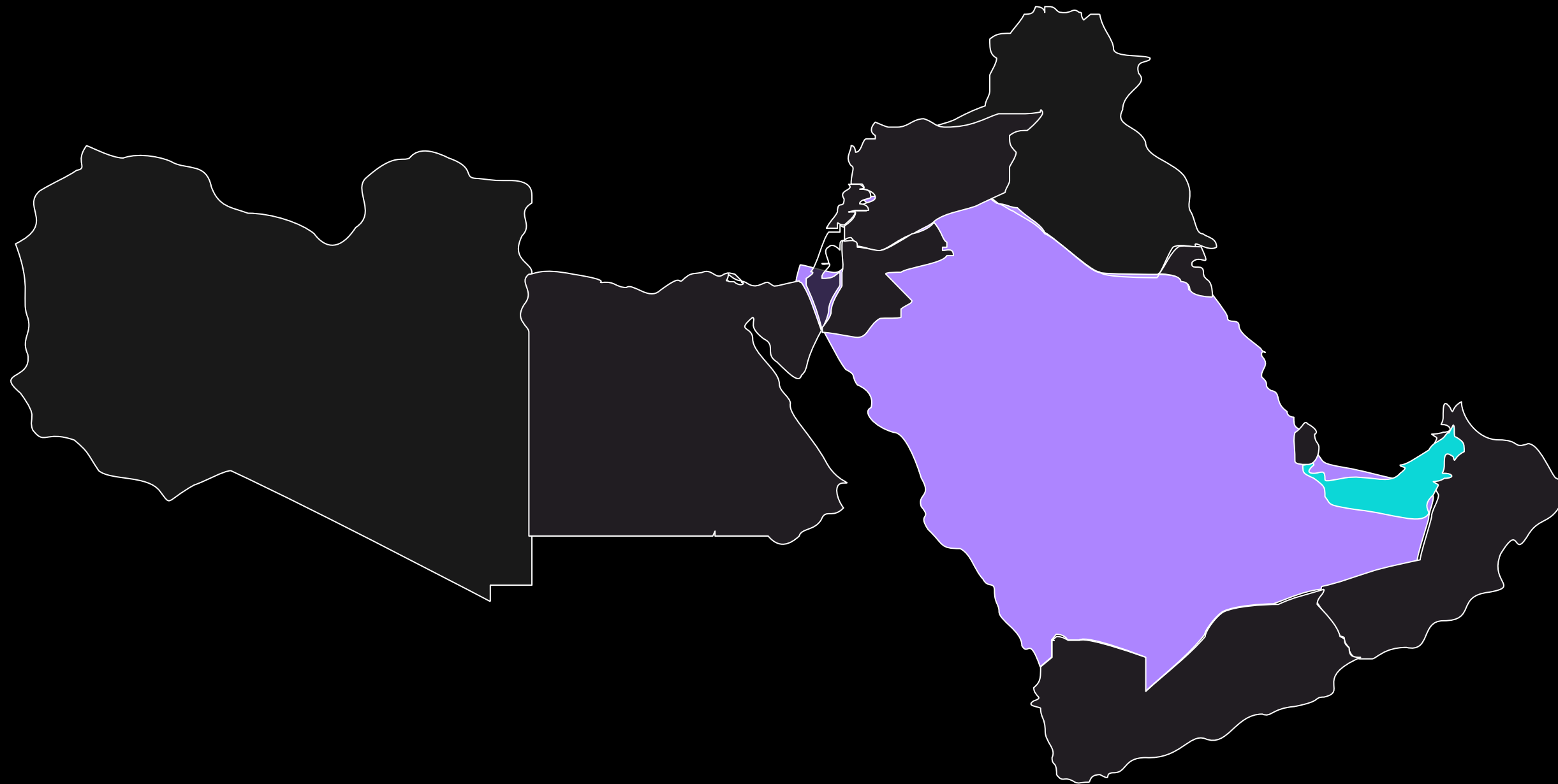
Energy: Powering the AI Revolution

Technology evolves in a predictable pattern, transitioning from centralized GPUs to more widely accessible, commoditized GPUs.



The Growing Importance of Diverse Data Sources

Most models today rely on English-language data. New opportunities are emerging with localized data sources, such as Arabic-based LLMs in the Middle East.





Q&A



Thank you