

Net Sıfır ve Yaklaşan Petrol Krizi

Barış Sanlı

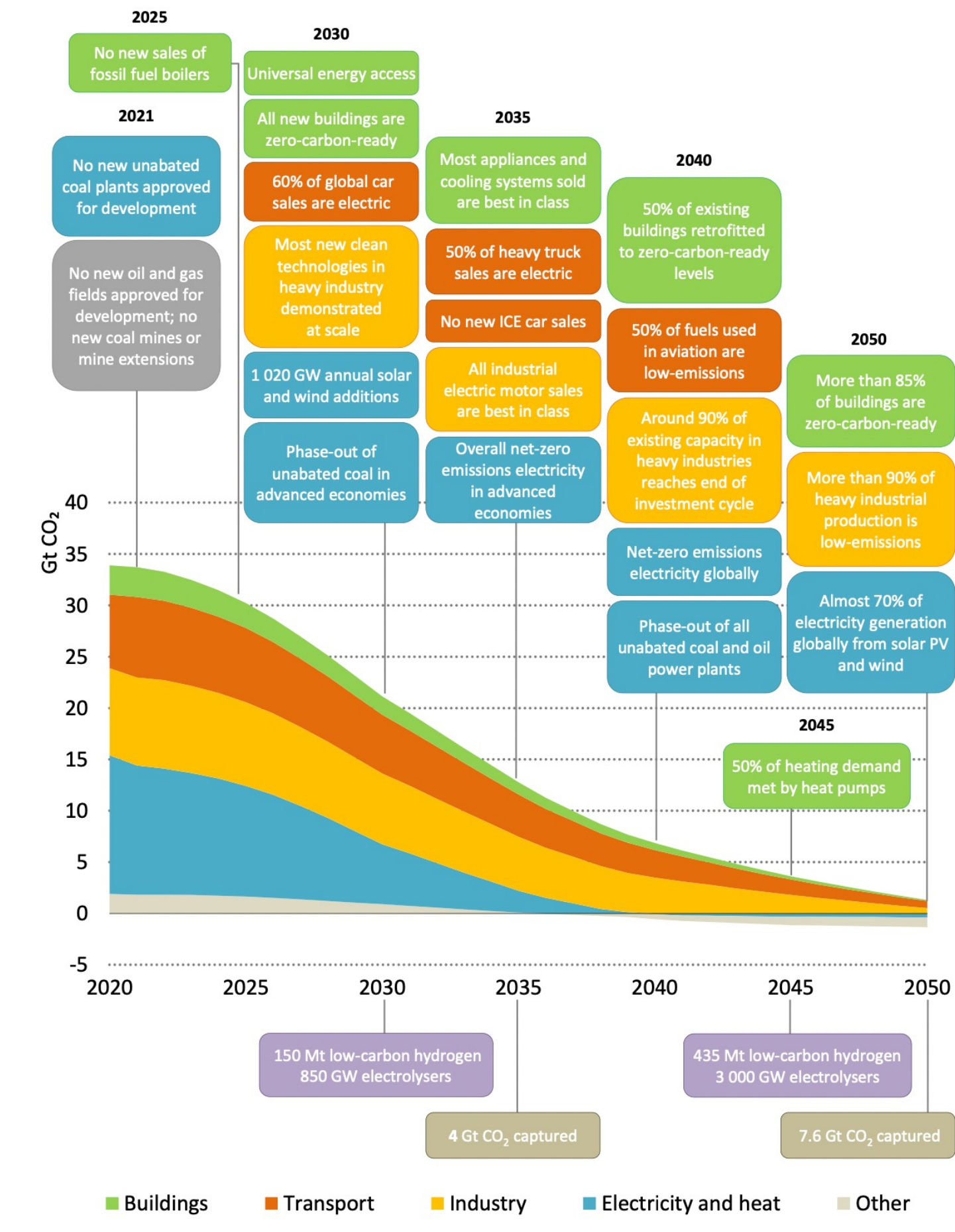
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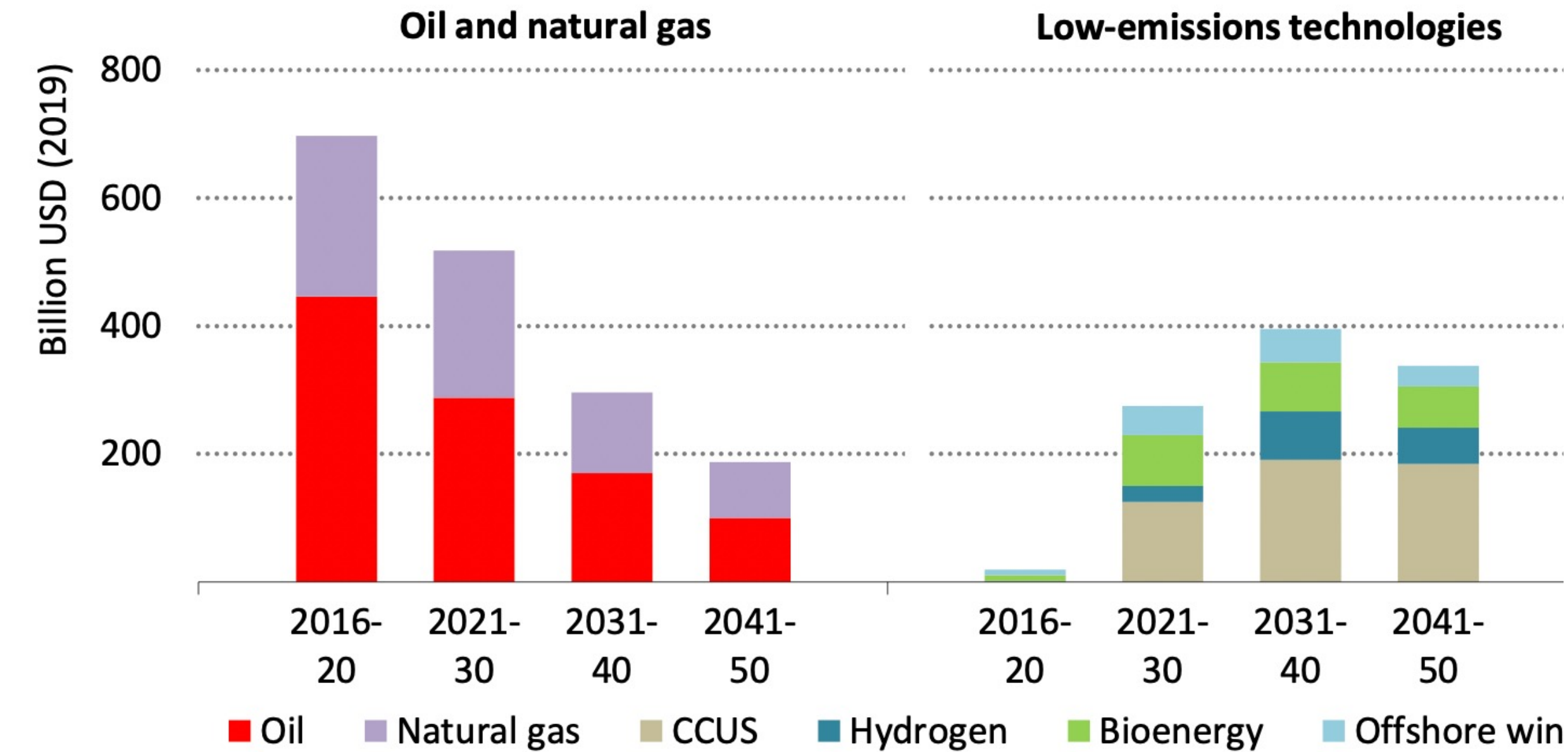
IEA – Net Sıfır



Key milestones in the pathway to net zero



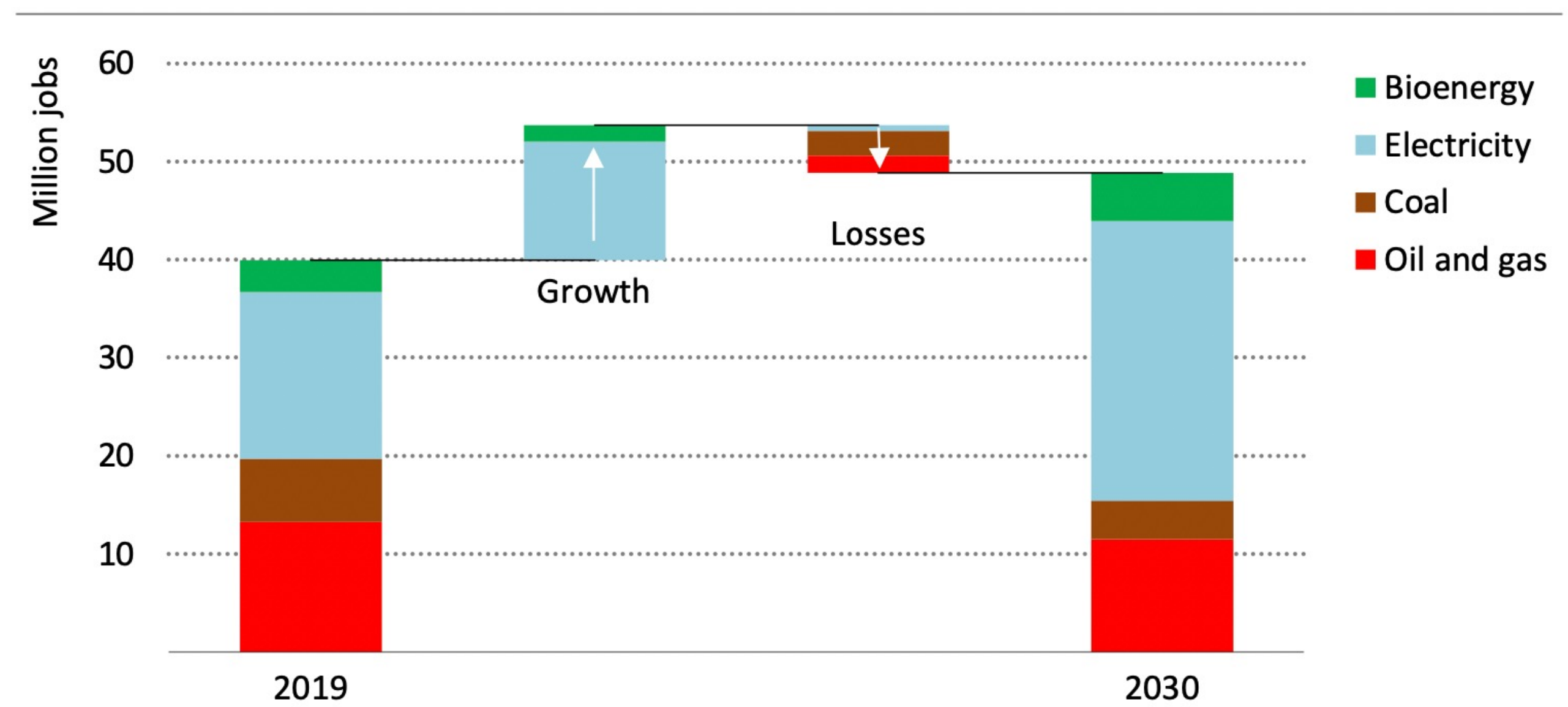
IEA-NZE: İstihdam ve Yatırım



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Investment in low-emissions technologies suited to the skills and expertise of oil and gas companies exceeds investment in traditional operations by 2030

Figure 4.5 ▶ Global energy sector employment in the NZE, 2019-2030



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Overall employment in the energy sector increases by almost 9 million to 2030 as jobs created in clean energy sectors outpace losses in fossil fuels

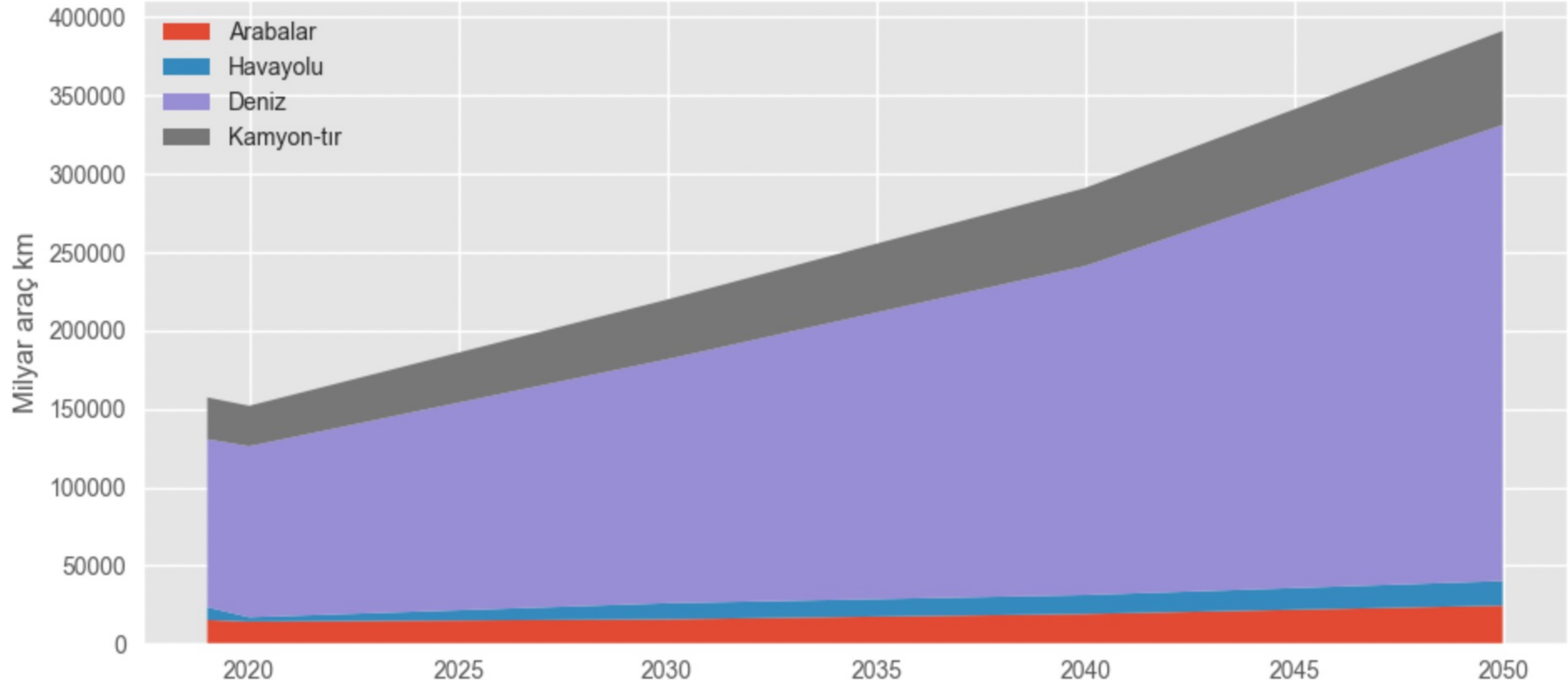
Note: CCUS = carbon capture, utilisation and storage.

IEA-NZE : Ulařtırmada Enerji Talebi

	Enerji Talebi (EJ)					Paylar (%)			YKA (%)	
	2019	2020	2030	2040	2050	2020	2030	2050	2020-2030	2020-2050
Ulařtırma	122	105	102	85	80	100	100	100	-0.3	-0.9
Elektrik	1	1	7	22	35	1	7	44	17	11
Akaryakıtlar	115	99	89	53	30	94	87	38	-1.0	-3.9
Biyoyakıtlar	4	3	11	12	11	3	11	14	14	4.3
Petrol	111	96	76	35	9	91	74	12	-2.2	-7.4
Gasdan yakıtlar	5	5	6	10	15	5	6	18	2.1	3.7
Biyometan	0	0	1	1	2	0	0	2	23	11
Hidrojen	0	0	1	6	13	0	1	16	92	34
Doęalgaz	5	5	4	2	0	5	4	-	-1.5	12
Yol	90	81	73	57	50	77	72	63	-0.9	-1.6
Ulařtırma	47	41	30	19	17	39	29	21	-3.1	-2.9
Kamyon	27	25	28	24	22	24	27	28	1.1	-0.4
Hava	14	8	13	13	14	8	13	18	4.6	1.7
Deniz	12	11	11	10	10	10	11	12	0.4	-0.3

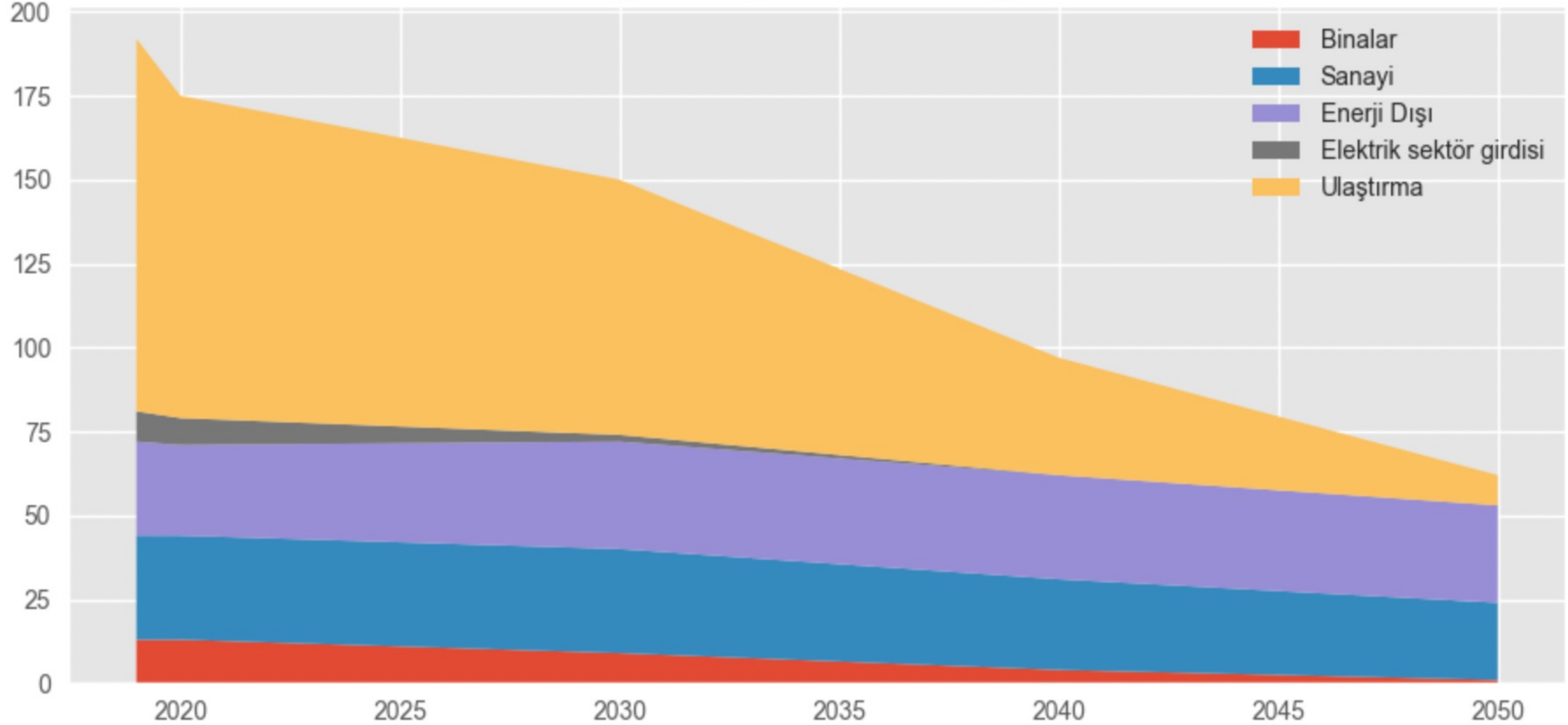
IEA-NZE : Ulaştırma Talebi

IEA Net Sıfır Senaryosuna göre ulaştırma türlerine göre Taşıt-Km

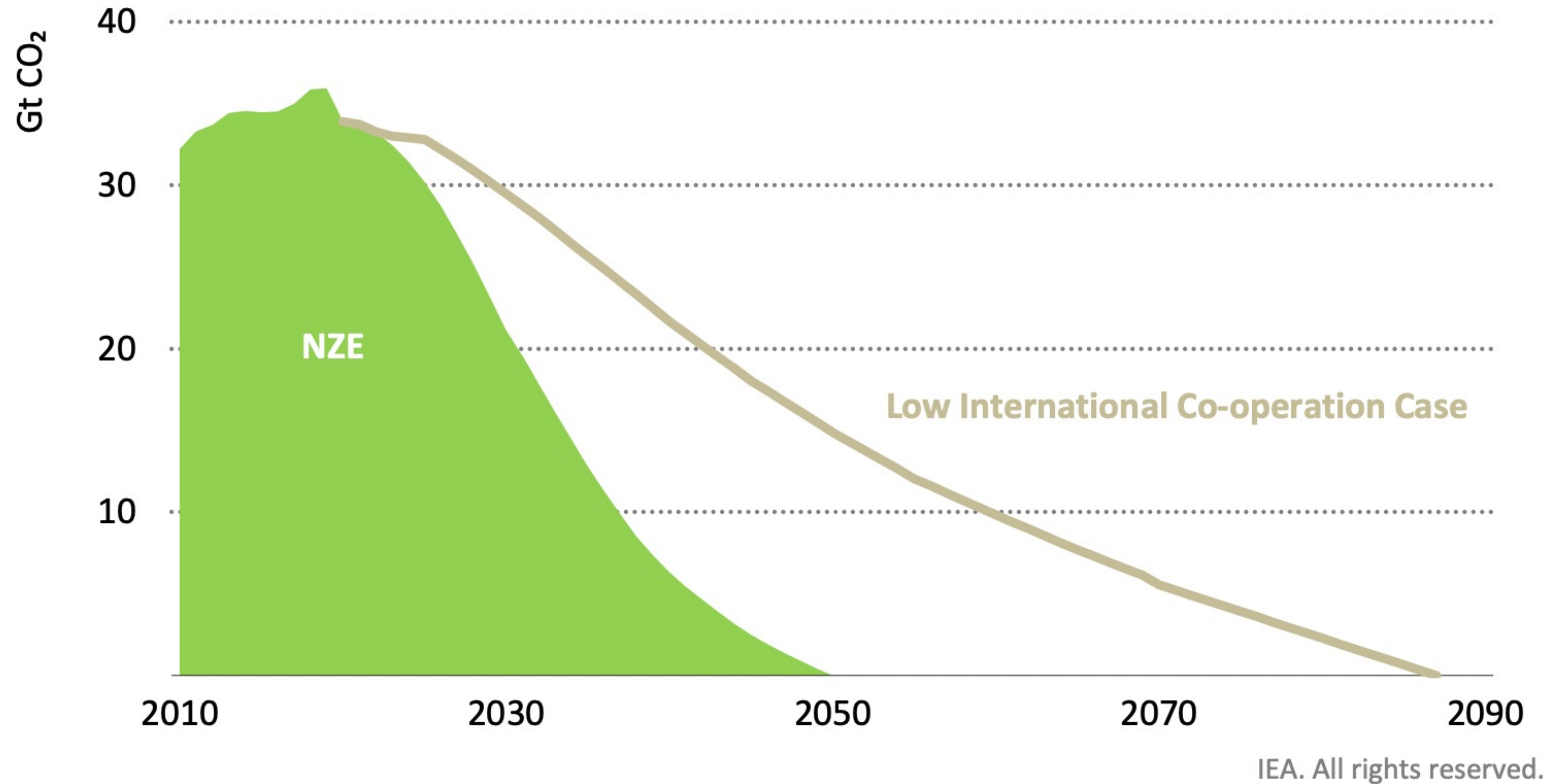


IEA-NZE : Petrol talebi sıfırlanacak mı?

IEA Net Sıfır Senaryosuna göre Sektörlere göre Petrol Tüketimi



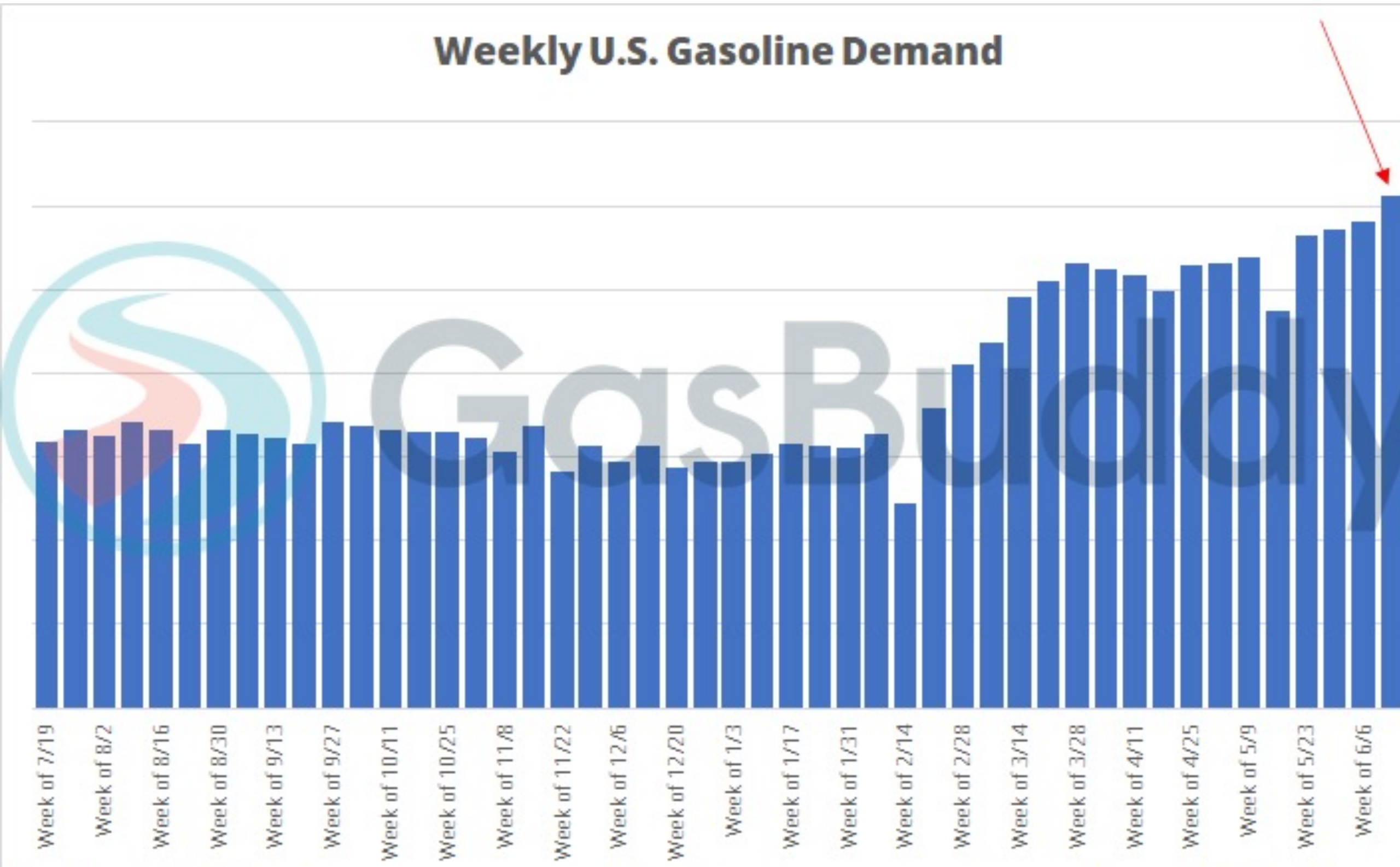
Ya kimse kurallara uymaz ise...



Without international co-operation, the transition to net zero would be delayed by decades

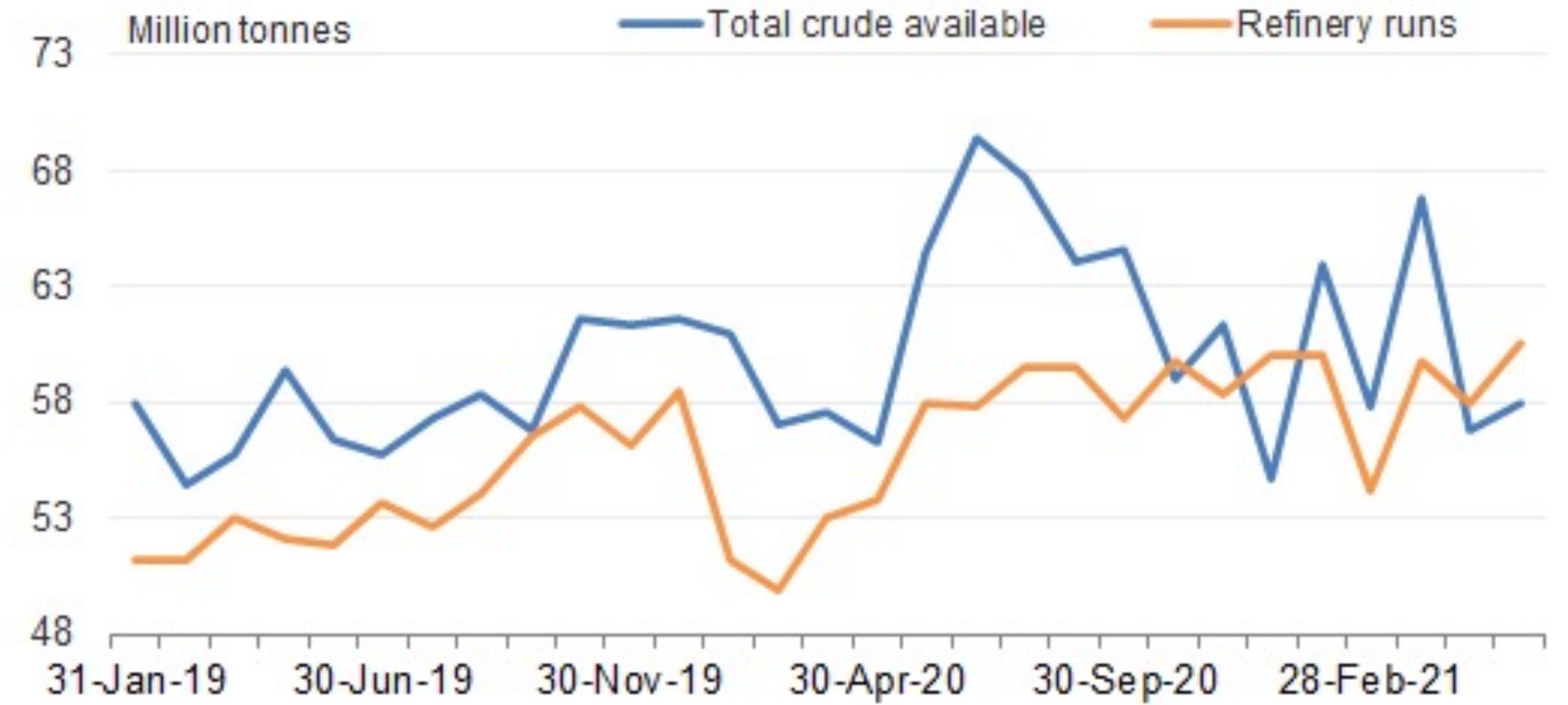
Talep güçlü geliyor(mu?)

Weekly U.S. Gasoline Demand



CHINA CRUDE VS. REFINERY RUNS

Total crude oil available from imports and domestic output vs. refinery throughput



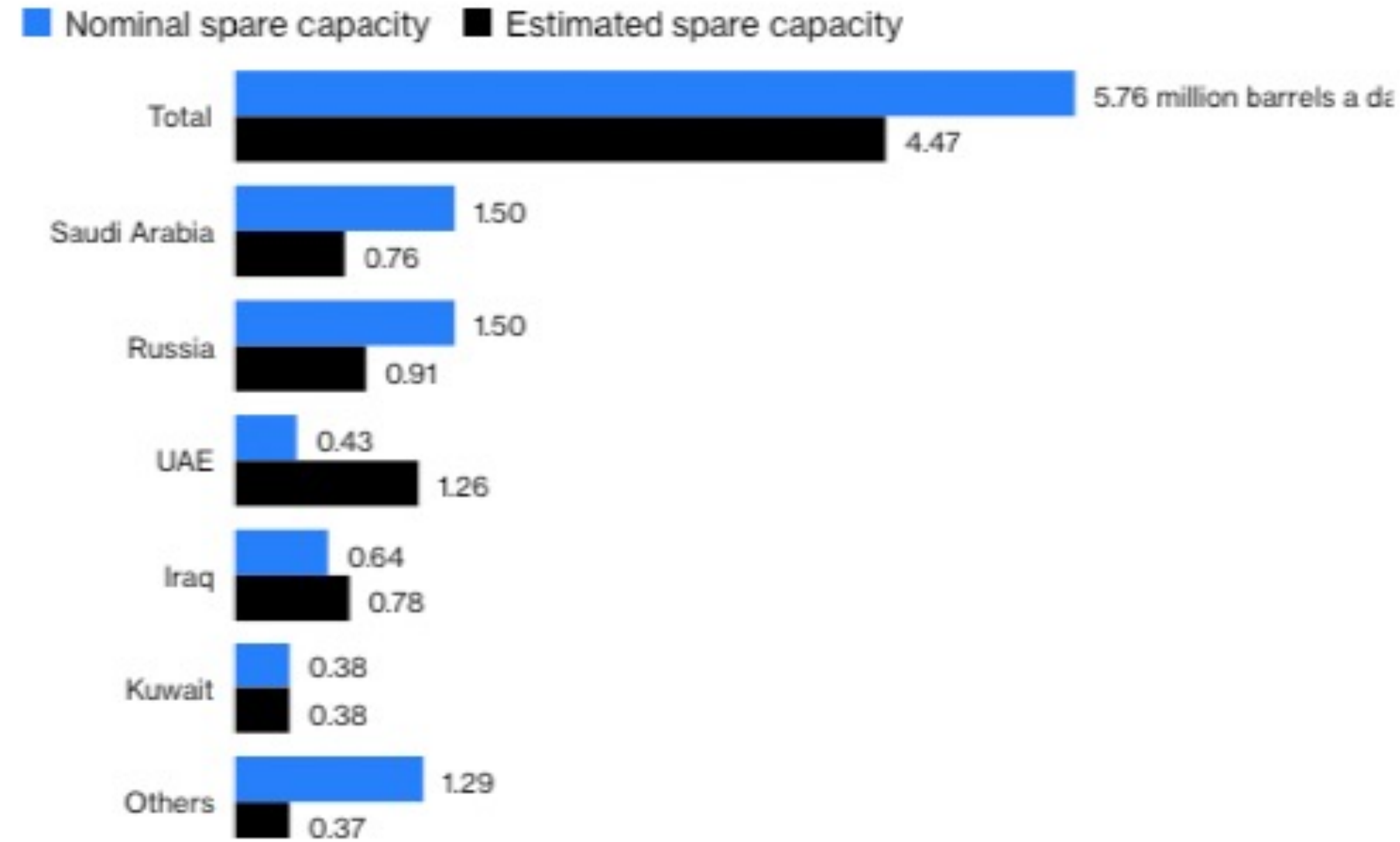
Source: Refinitiv Eikon Reuters graphic/Clyde Russell 21/06/21



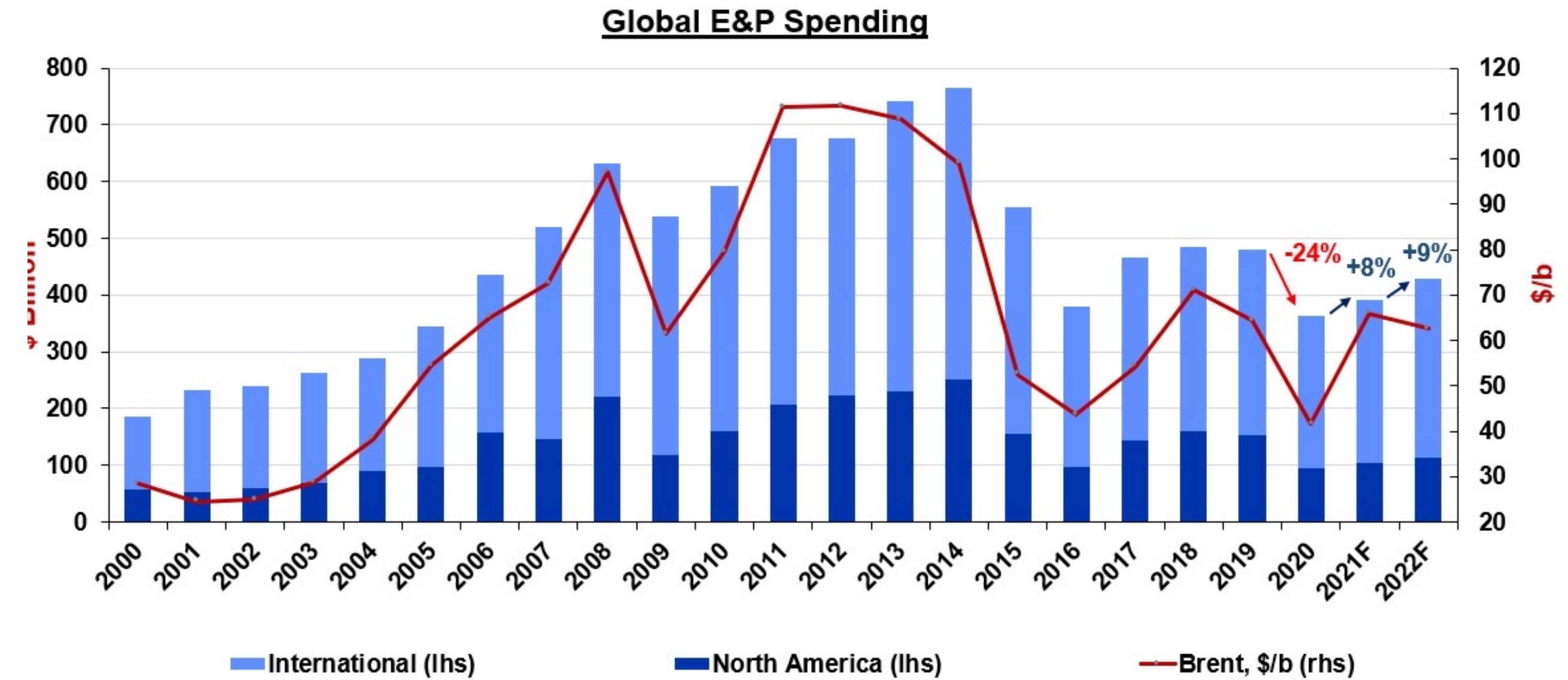
Küresel petrol-gaz üretim durumu

OPEC+ Oil Buffer Isn't All It Seems

Spare capacity is concentrated in only a few of the group's members



Global Upstream investment starting to recover in 2021 (+8%) after a 24% drop in 2020 due to the pandemic



Source: Barclays, S&P Global Platts (grossed up to account for companies not reporting)

ABD'de neler oluyor

Permian Oil rig Count vs. Oil Prices

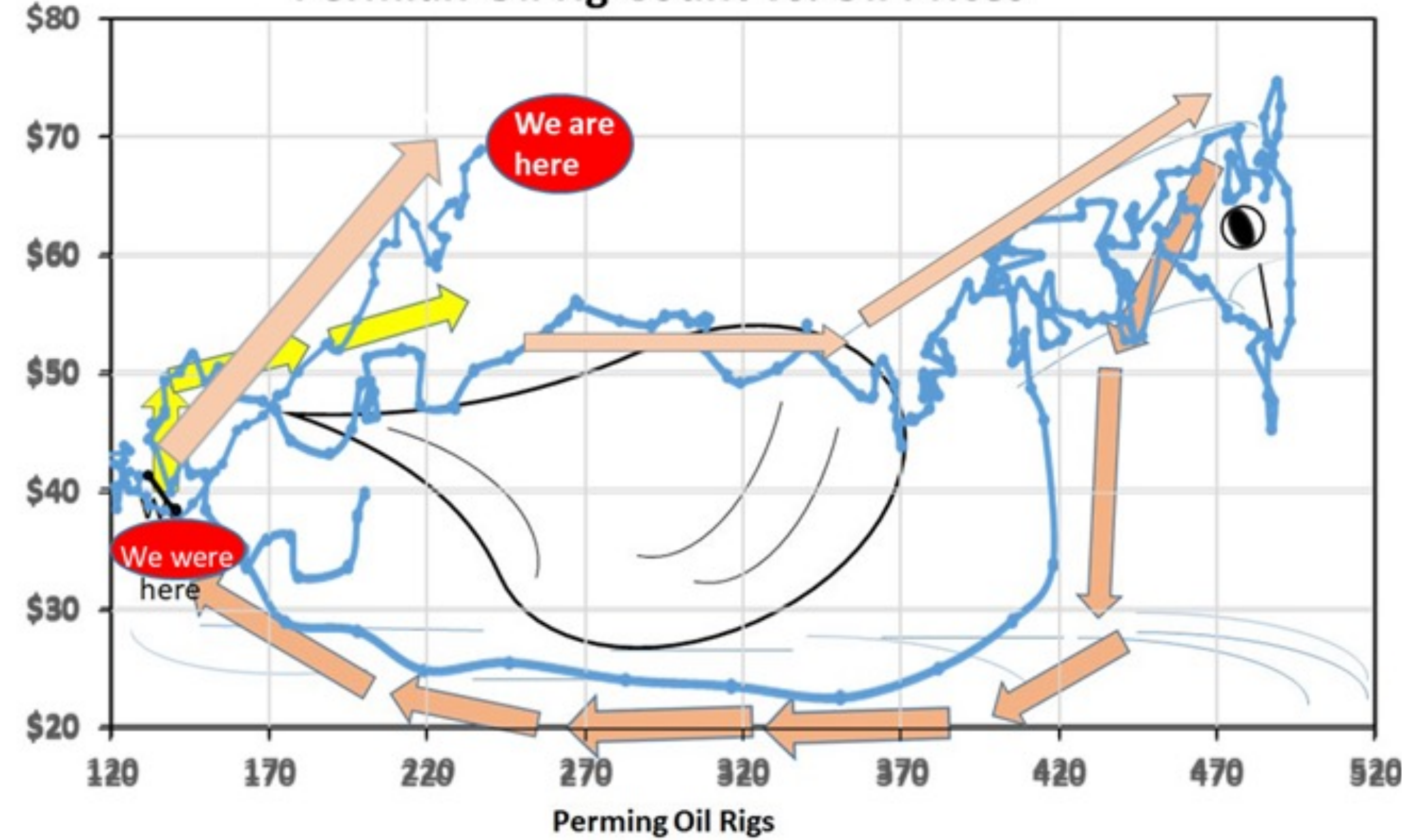
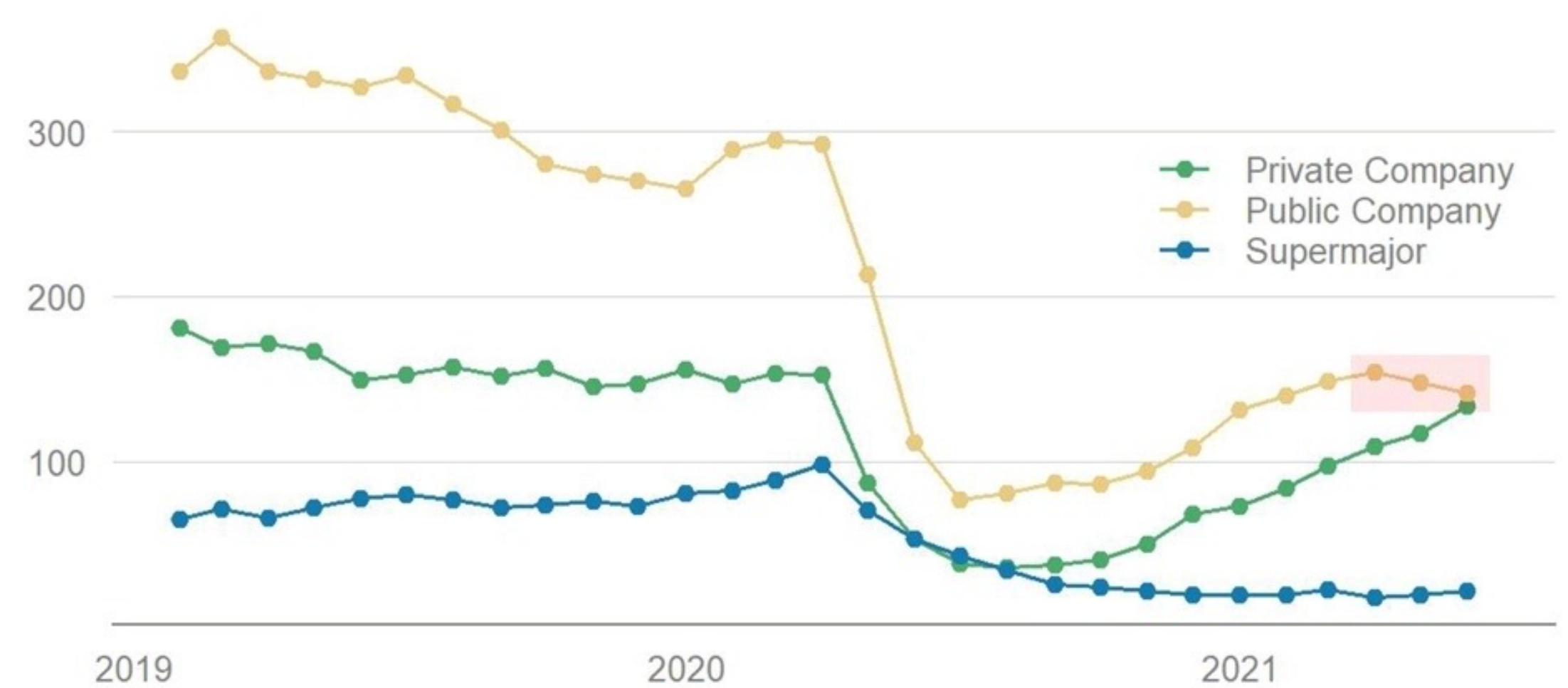


Exhibit 8: Only private operators are still adding rigs

Rig count by operator type

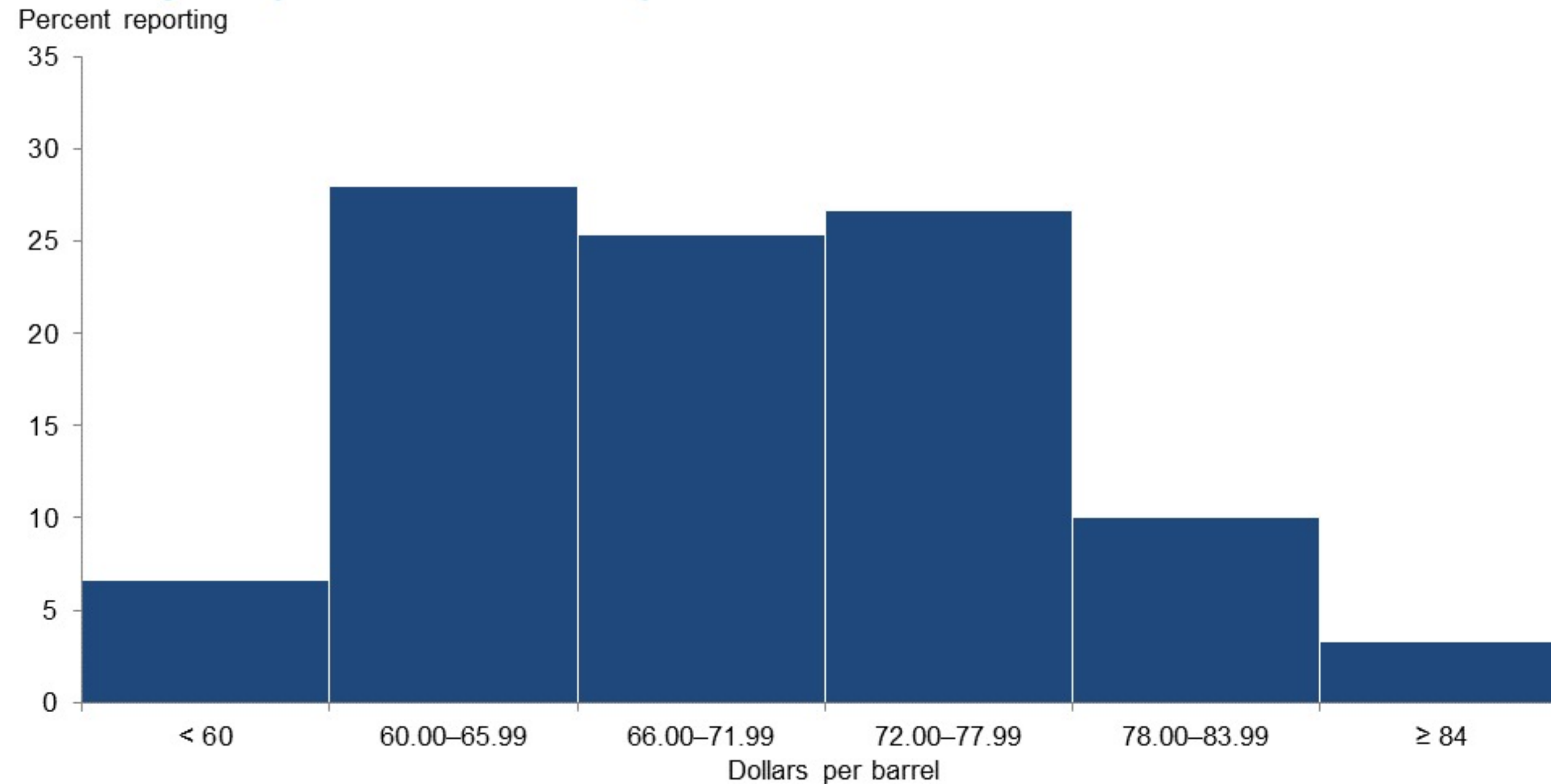
Monthly data to May 2021; average number of horizontal oil-directed rigs per month



Note: Chart shows sum of Permian, Eagle Ford, Bakken, Niobrara, Haynessville, Utica, Anadarko and Marcellus
Source: Rystad Energy, Morgan Stanley Research

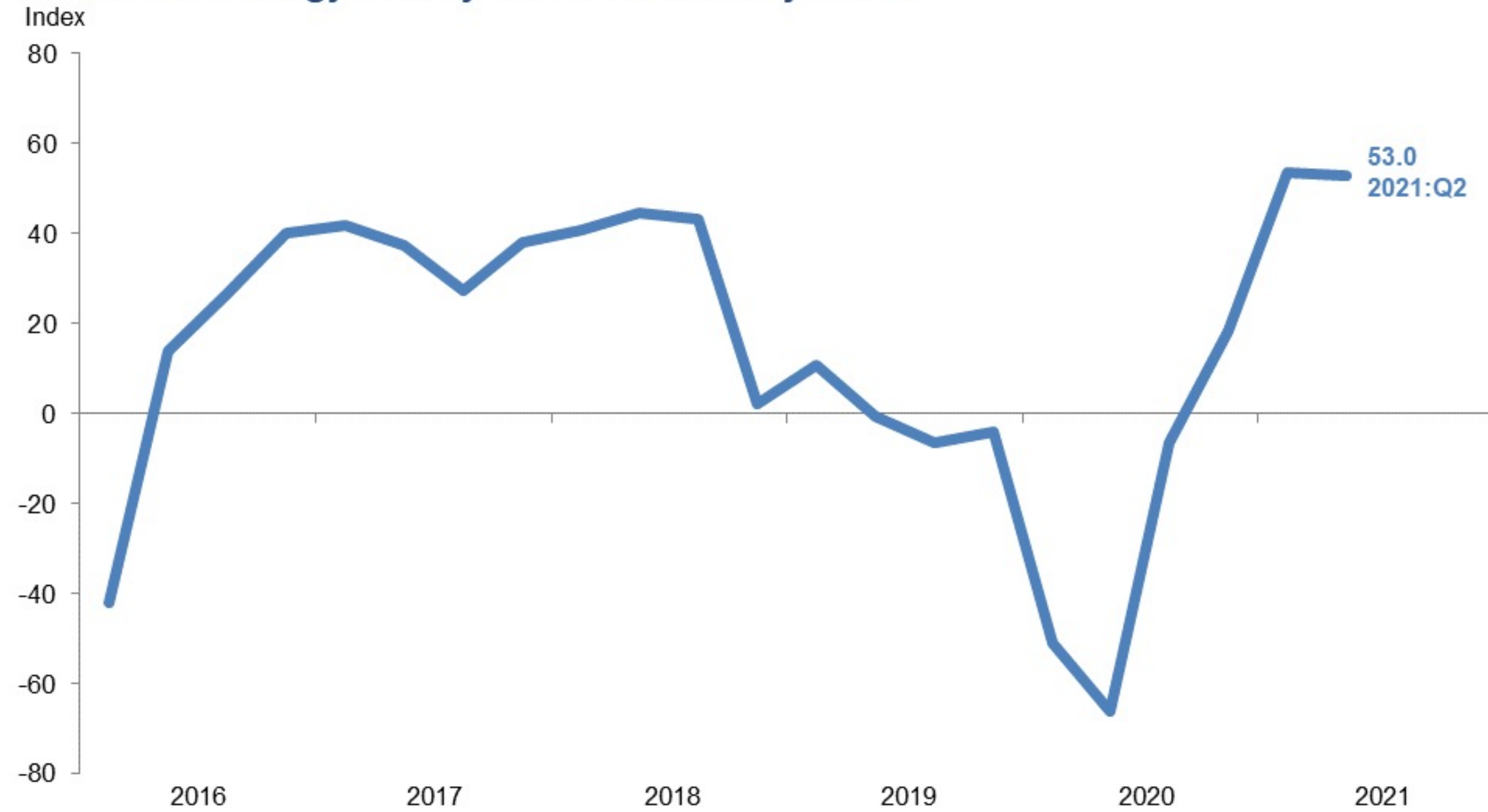
Dallas FED anketi

What do you expect the WTI crude oil price to be at the end of 2021?



NOTES: Executives from 150 oil and gas firms answered this question during the survey collection period, June 9–17, 2021. For reference, WTI (West Texas Intermediate) spot prices averaged \$71.05 per barrel during the period.
SOURCES: Federal Reserve Bank of Dallas; Energy Information Administration (reference price).

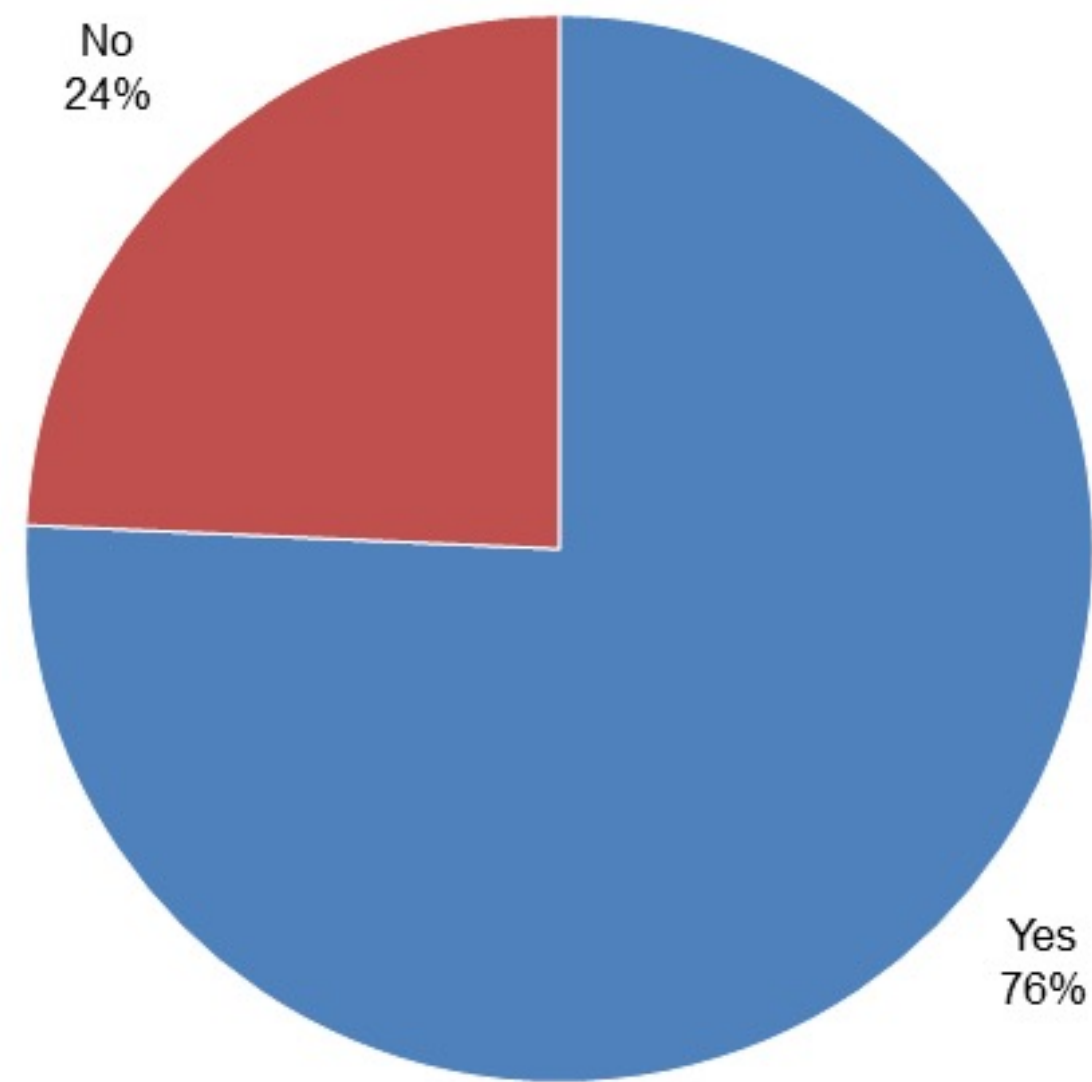
Dallas Fed Energy Survey Business Activity Index



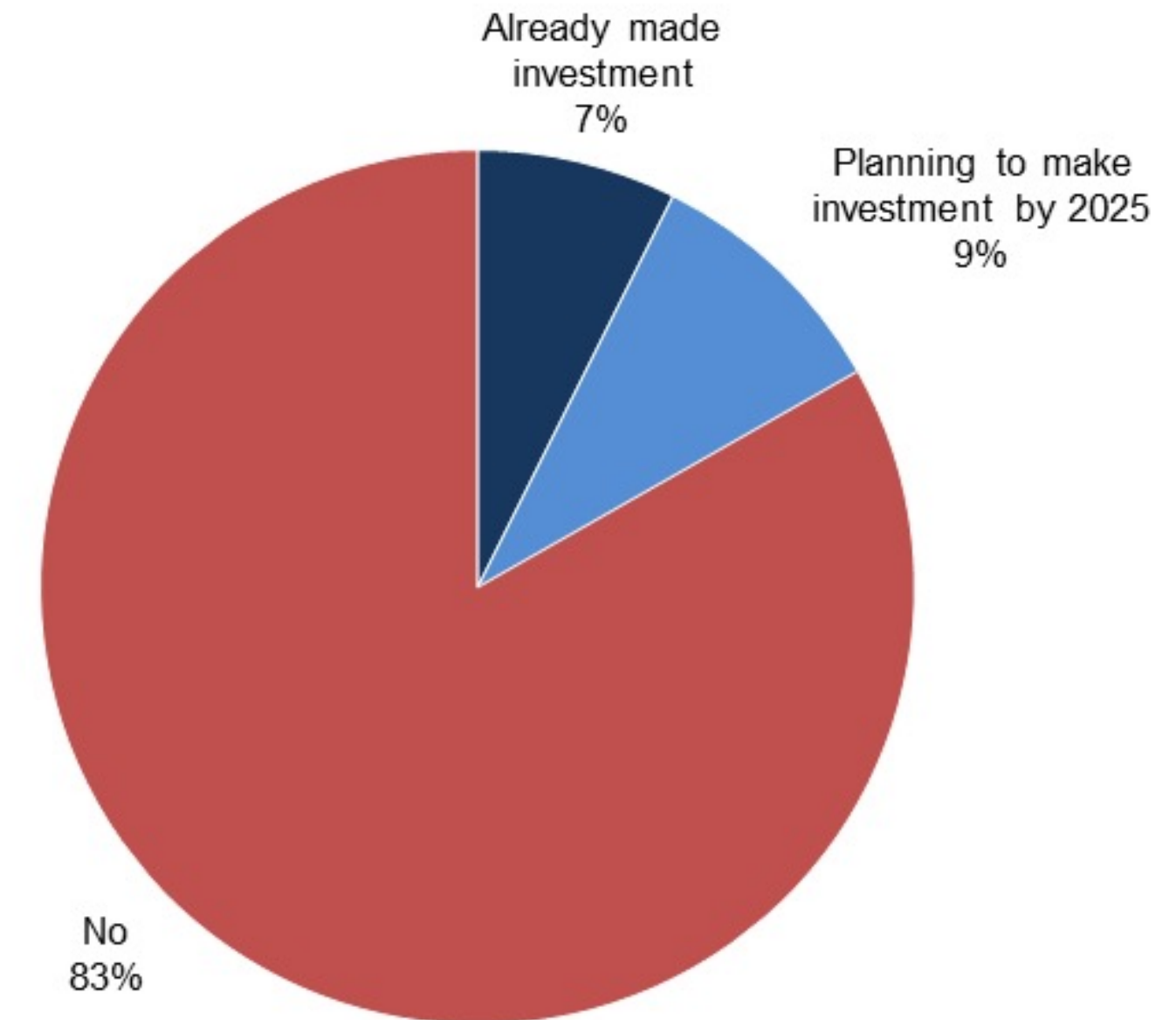
SOURCE: Federal Reserve Bank of Dallas.

Petrol üretim sorunu bekleniyor mu?

Do you believe there will be a global crude oil supply gap in the next two to four years?



Has your firm already made, or is it planning to make, investments in wind and/or solar?

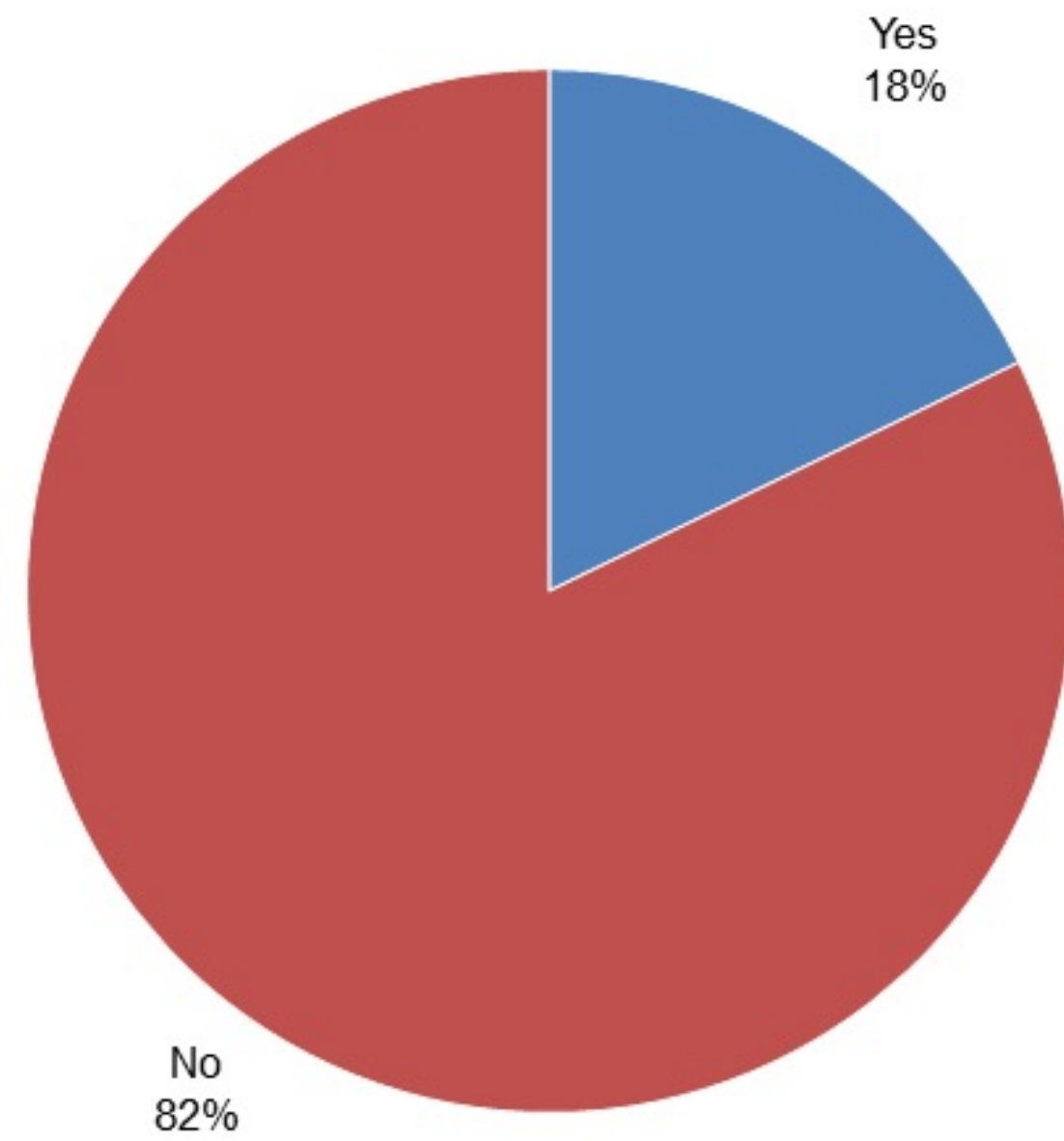


NOTE: Executives from 140 oil and gas firms answered this question during the survey collection period, June 9–17, 2021.
SOURCE: Federal Reserve Bank of Dallas.

NOTES: No executives are planning to invest in wind and/or solar after 2025. Executives from 149 oil and gas firms answered this question during the survey collection period, June 9–17, 2021.
SOURCE: Federal Reserve Bank of Dallas.

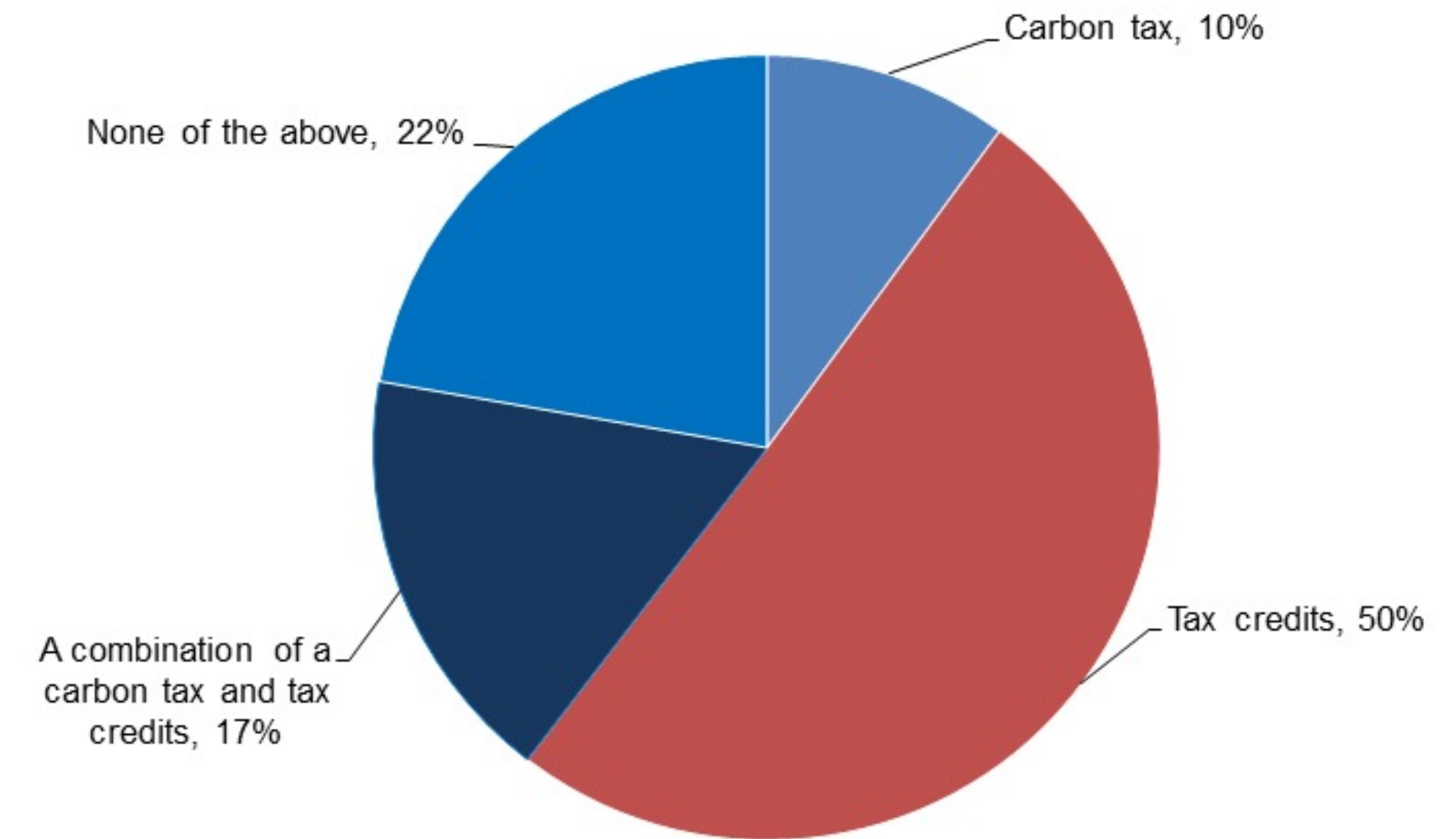
Karbon vergisi

Do you believe a carbon tax should be instituted to reduce carbon emissions?



NOTE: Executives from 135 oil and gas firms answered this question during the survey collection period, June 9–17, 2021.
SOURCE: Federal Reserve Bank of Dallas.

Which do you believe will be more effective in reducing carbon emissions: a carbon tax or tax credits to fund investments in carbon capture?



NOTE: Executives from 139 oil and gas firms answered this question during the survey collection period, June 9–17, 2021.
SOURCE: Federal Reserve Bank of Dallas.

Sibergüvenlik

How would you rate the cybersecurity of your organization's critical business information assets on a scale of 1 (lowest) to 5 (highest)?

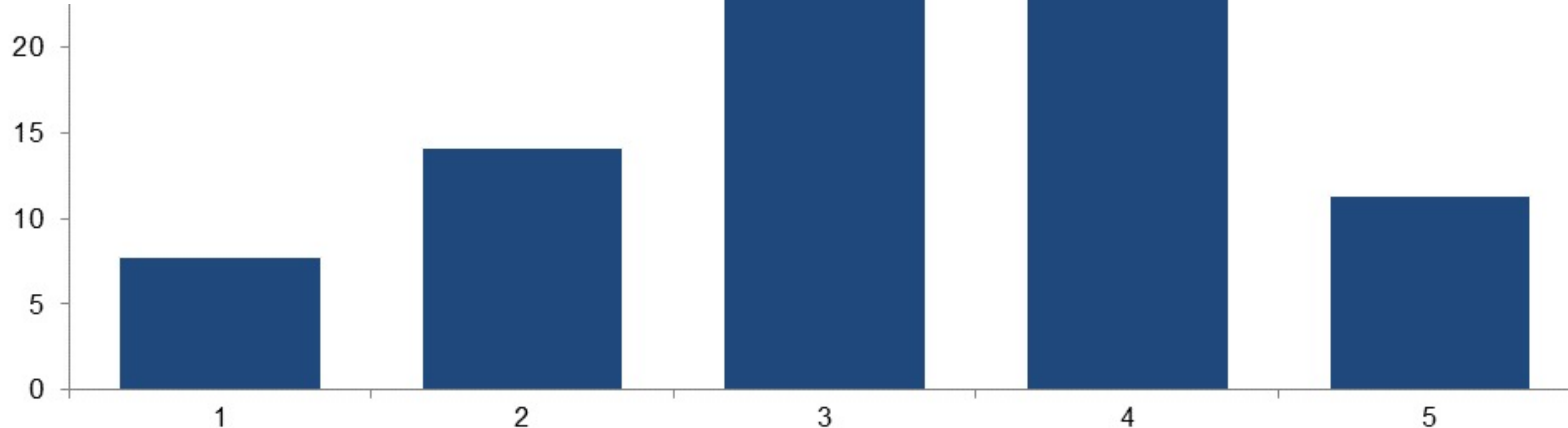
Percent of respondents

40

Biden also said he raised the Colonial Pipeline attack directly with Putin.

“When I talked about the pipeline that was hit with ransomware in the United States, I looked at him and I said, ‘How would you feel if ransomware took the pipelines from your oil fields?’” Biden said.

Putin replied that “it would matter.”

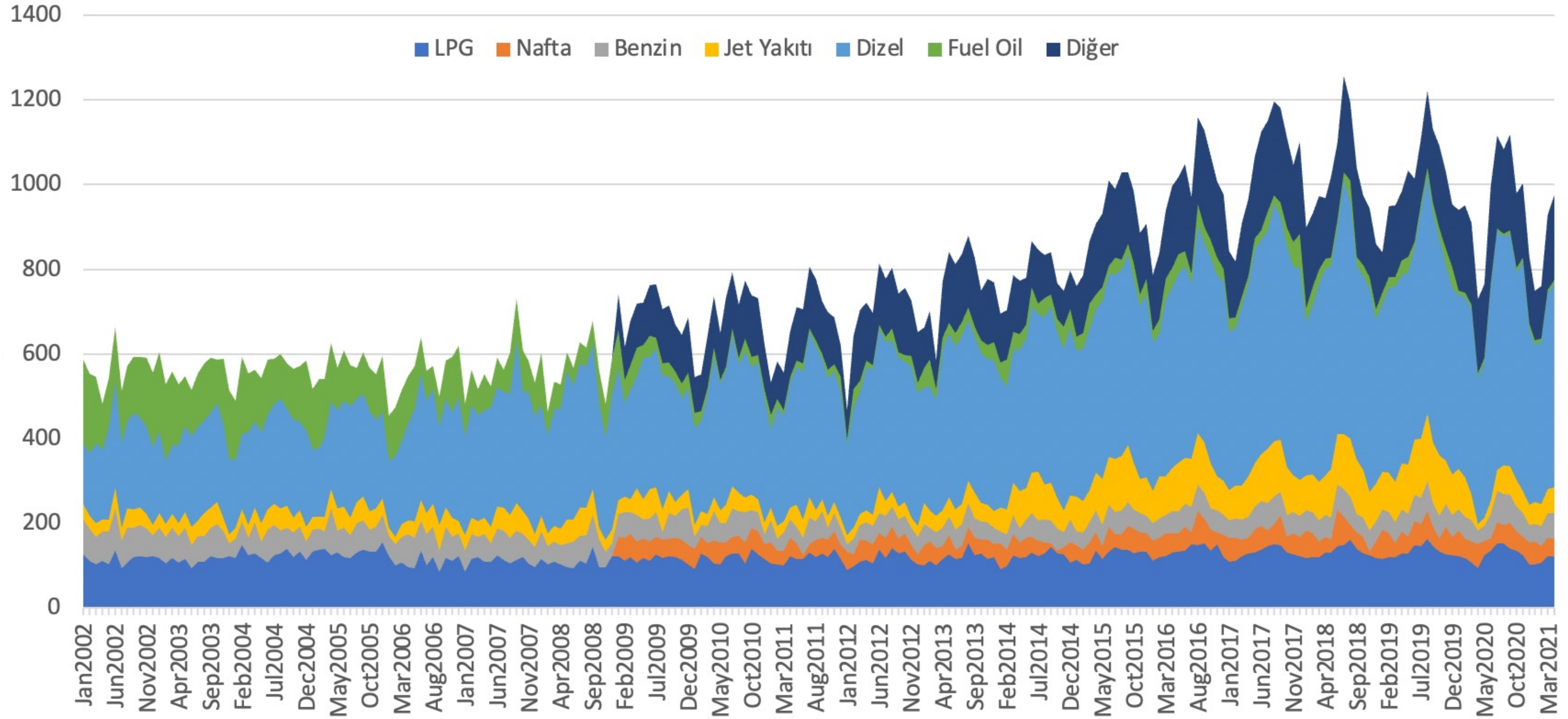


NOTE: Executives from 142 oil and gas firms answered this question during the survey collection period, June 9–17, 2021.

SOURCE: Federal Reserve Bank of Dallas.

Türkiye Petrol Talebi – jodidb.org

Türkiye Petrol Talebi (bin v/g)



teşekkürler

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