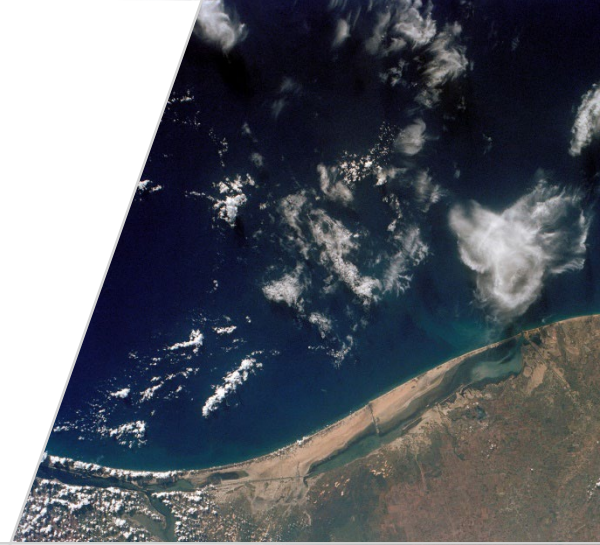


# The Corporate Race to Net-Zero

Major trends

Kyle Harrison

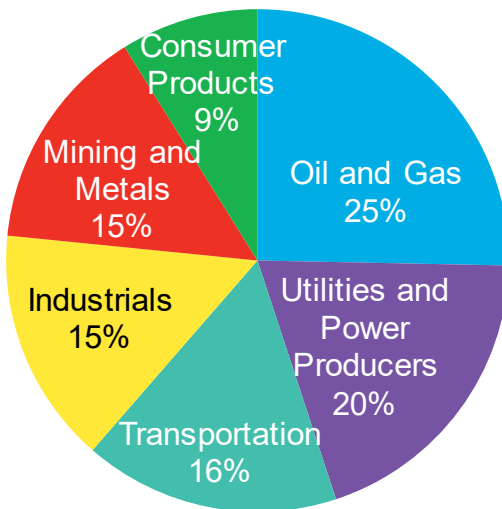
July 7, 2021



# Heavy-emitting companies are facing pressure to decarbonize

Climate Action 100+ 'focus companies', by sector

%

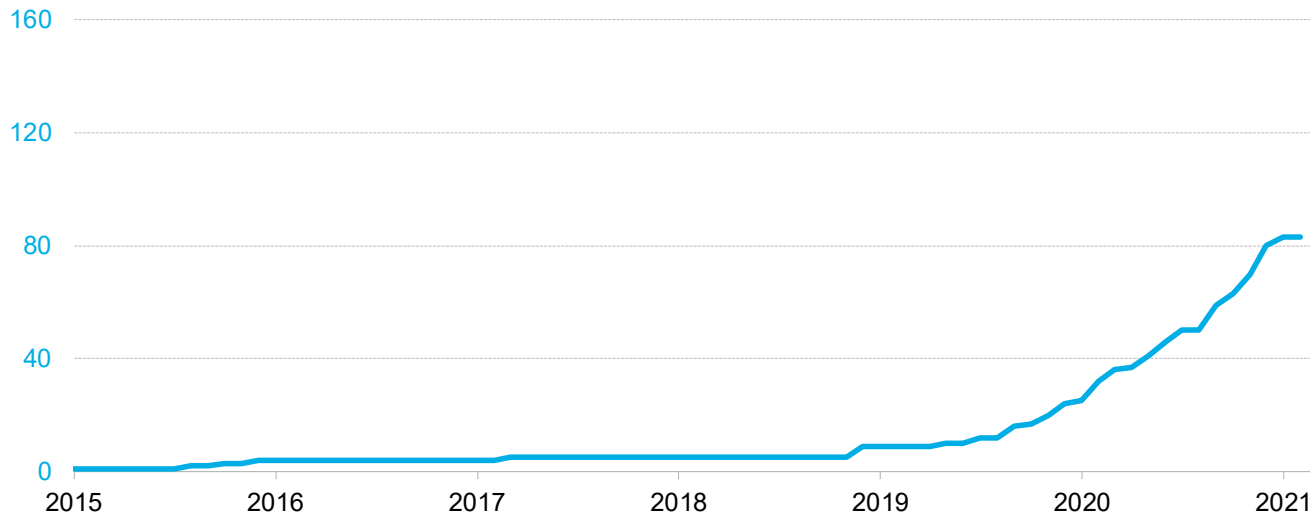


Source: BloombergNEF, Climate Action 100+

# Companies have caught the net-zero bug

## Net-zero targets from Climate Action 100+

Net-zero targets



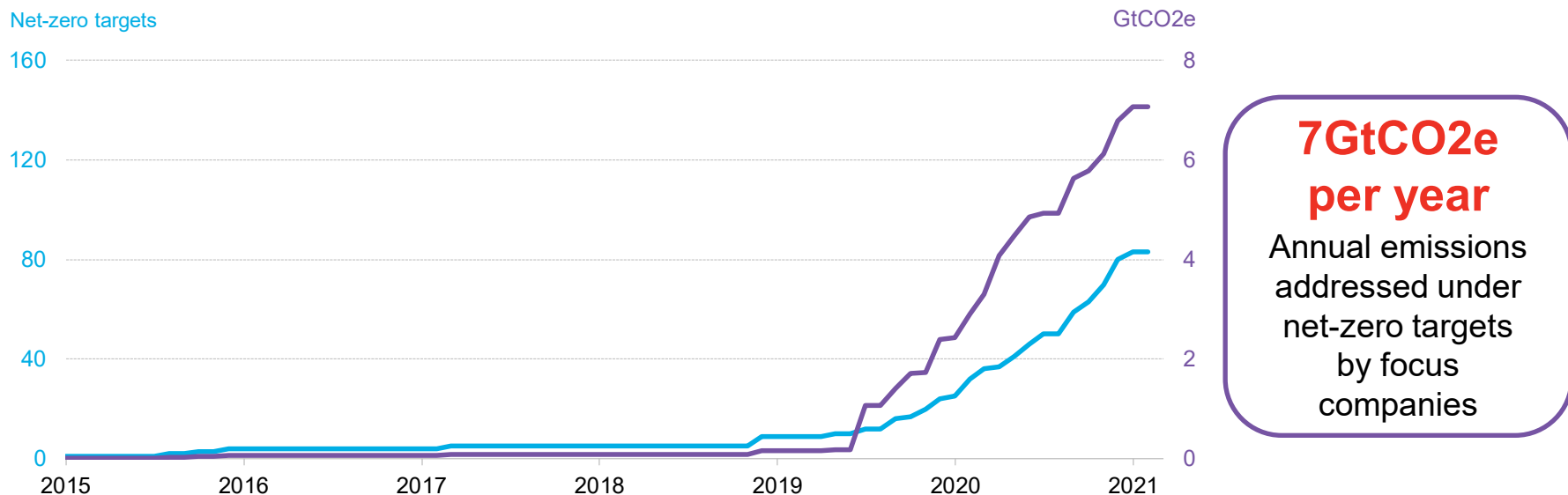
**83 net-zero targets**

Set by Climate Action 100+ focus companies

Source: BloombergNEF, Bloomberg Terminal, CDP, CA100+, company filings

# These targets will drive massive decarbonization

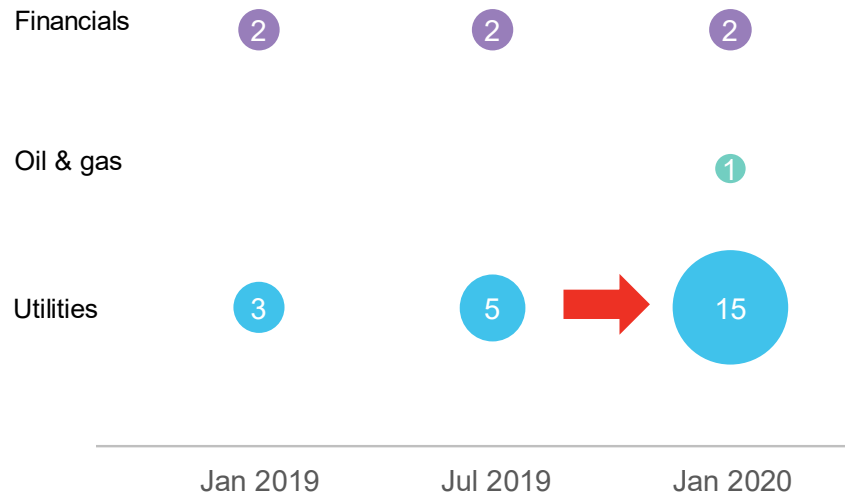
## Net-zero targets from Climate Action 100+ and expected emission reductions



Source: BloombergNEF, Bloomberg Terminal, CDP, CA100+, company filings Note: Some net-zero targets cover Scope 3 emissions, meaning not all emissions in this chart are exclusive to each company. Emissions figure only includes emissions addressed under net-zero goal. If a company's target excludes Scope 3 emissions, these aren't plotted on this slide.

# When one company sets a target, others follow

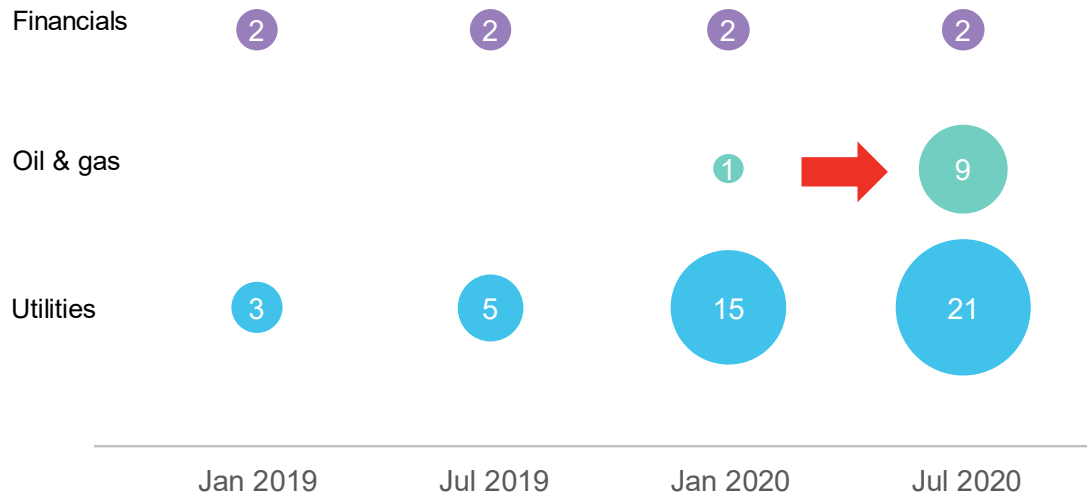
## Net-zero targets from heavy-emitting sectors



Source: BloombergNEF

# When one company sets a target, others follow

## Net-zero targets from heavy-emitting sectors



Source: BloombergNEF

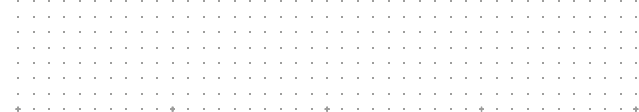
# When one company sets a target, others follow

## Net-zero targets from heavy-emitting sectors



Source: BloombergNEF

# But how can you distinguish one net-zero target from another?



Energy & Science

## Occidental Is First U.S. Oil Major to Target Net Zero Emissions

By [Kevin Crowley](#)  
November 10, 2020, 11:27 AM EST Updated on November 11, 2020, 6:00 AM EST

- Plans to build world's largest plant capturing carbon from air
- Texas explorer joins European peers in targeting all sources

LISTEN TO ARTICLE  
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Occidental Petroleum Corp. became the first major U.S. oil producer to aim for net zero emissions from everything it extracts and sells, accelerating an industry trend that's become commonplace in

Photograph: Metacore

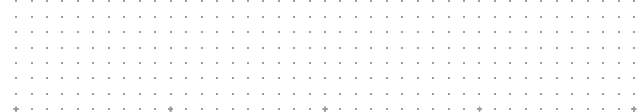
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Source: BloombergNEF, company announcements

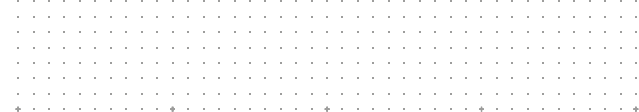


# But how can you distinguish one net-zero target from another?



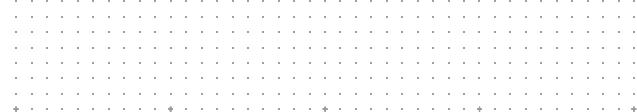
Source: BloombergNEF, company announcements

# But how can you distinguish one net-zero target from another?



Source: BloombergNEF, company announcements

# But how can you distinguish one net-zero target from another?



Energy & Science

## Occidental Is First U.S. Oil & Gas Company to Target Net Zero Emissions

By Kevin Crowley  
November 10, 2020, 11:01 AM

- Plans to build world's first commercial-scale carbon capture plant
- Texas explorer joins

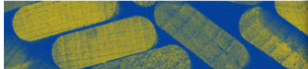
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01-08-20 | WORLD CHANGING

## How Ikea plans to become carbon positive by 2025

A company known for its design, Ikea is getting to a place where it matters: the supply chain creates. But the company



PRESS RELEASE  
July 21, 2020

## Apple plans to become carbon negative by 2030



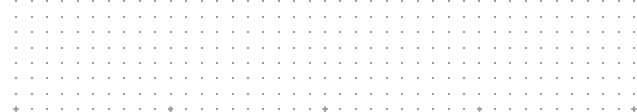
## Microsoft will be carbon negative by 2030

Jan 16, 2020 | [Brad Smith - President](#)



Source: BloombergNEF, company announcements

# But how can you distinguish one net-zero target from another?



Energy & Science  
**Occidental Is First U.S. Oil & Gas Company to Target Net Zero Emissions by 2050**  
By Kevin Cragg  
November 10, 2020  
► Plans to build new oil fields in Texas  
► Texas expansion

**PRESS RELEASE**  
Jan 16, 2020 | Brad Smith - President  
July 21, 2020  
f t in

**Microsoft will be carbon negative by 2030**

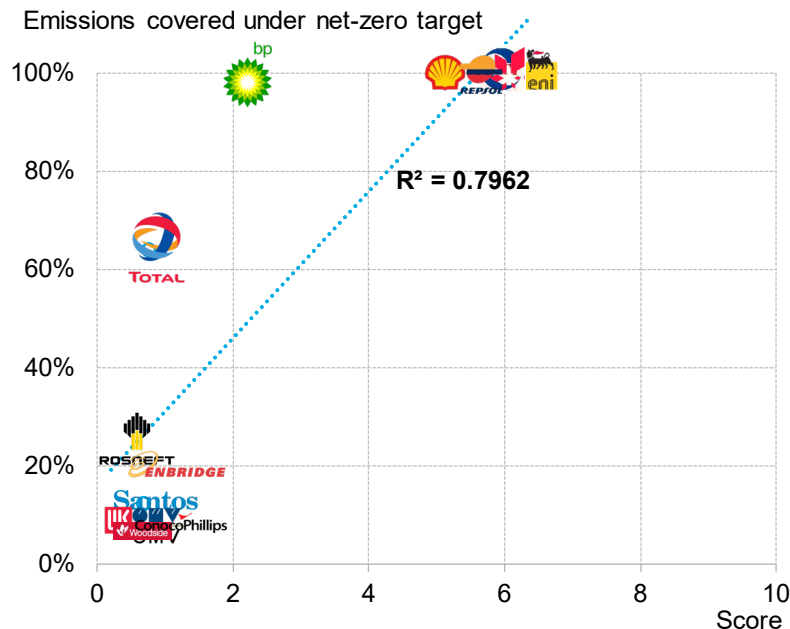
**Unilever to become 'carbon positive' by 2030**  
27/11/2015  
► 3:14  
November 2015: We are furthering and deepening our climate action by eliminating fossil fuels from our operations and directly supporting the generation of more renewable energy than we consume.

climate action fund

Source: BloombergNEF, company announcements

# Credible net-zero goals address emissions across the entire value chain

## Net-zero scores of selected oil majors and emissions covered



**8**

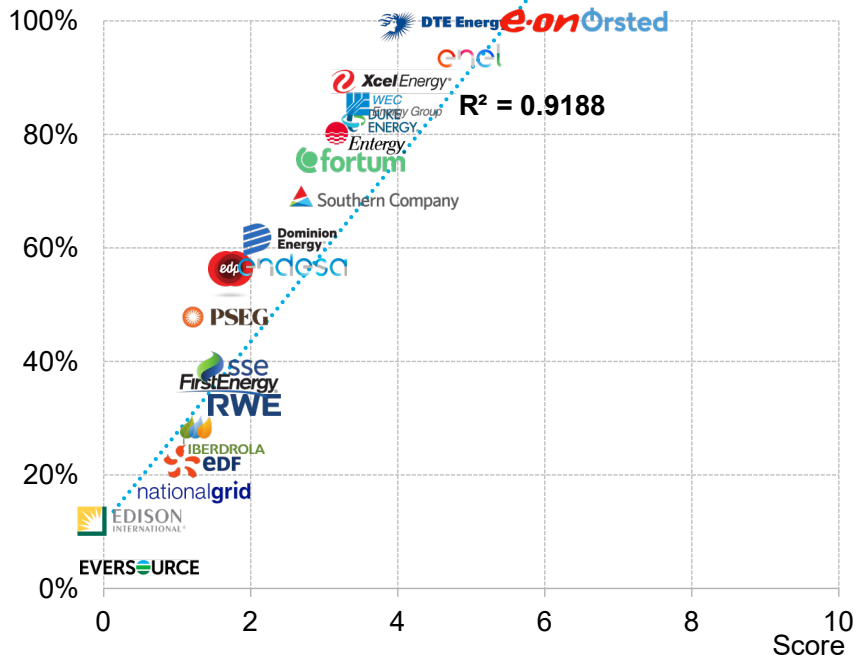
Oil majors globally that have net-zero targets addressing Scope 3 emissions

Source: BloombergNEF, Bloomberg Terminal, company filings Note: Companies that don't include Scope 3 emissions in their net-zero target and don't report Scope 3 emissions, such as Petronas and Sinopec, are excluded from the chart.

# This is critical for all sectors

## Net-zero scores of selected utilities and emissions covered

Emissions covered under net-zero target

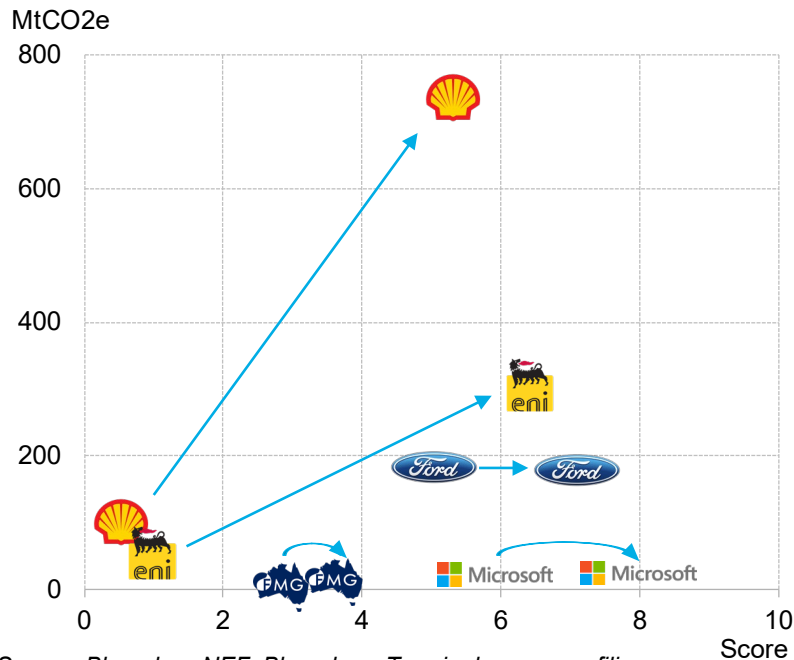


Source: BloombergNEF, Bloomberg Terminal, company filings

**3/10**  
Average score of  
utility net-zero  
targets

# Many companies amend targets to include Scope 3

## Companies bolstering their net-zero ambitions



Source: BloombergNEF, Bloomberg Terminal, company filings

**Eni aims for full decarbonisation by 2050 despite short-term growth in oil and gas volumes**

**Shell accelerates drive for net-zero emissions with customer-first strategy**

**Fortescue fast-tracks zero emissions target to 2030**

Cecilia Jamasmie | March 15, 2021 | 3:53 am Energy News Top Companies Australia Australia NZ South Pacific Iron Ore

**Ford announces new carbon neutral targets**

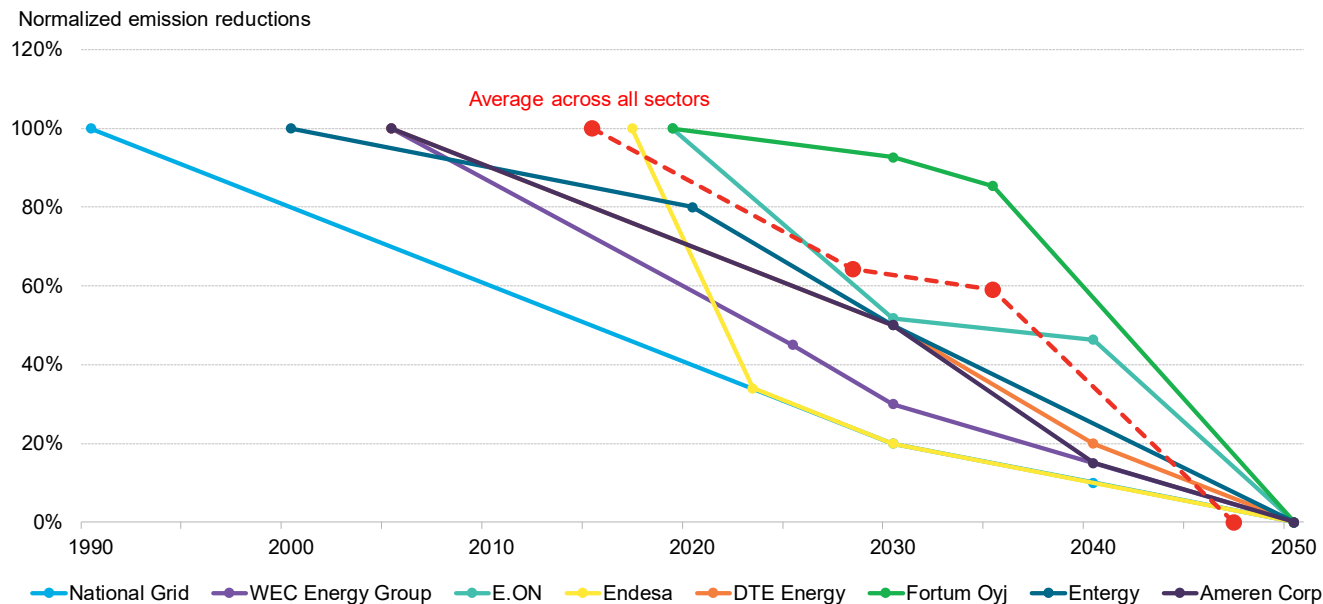
*The carmaker announced its plans to go carbon neutral in June 2020.*

By Leighton Schneider

April 2, 2021, 5:04 AM • 5 min read

# Credible net-zero goals **have ambitious interim targets**

## Normalized net-zero targets set by selected utilities with multiple interim goals

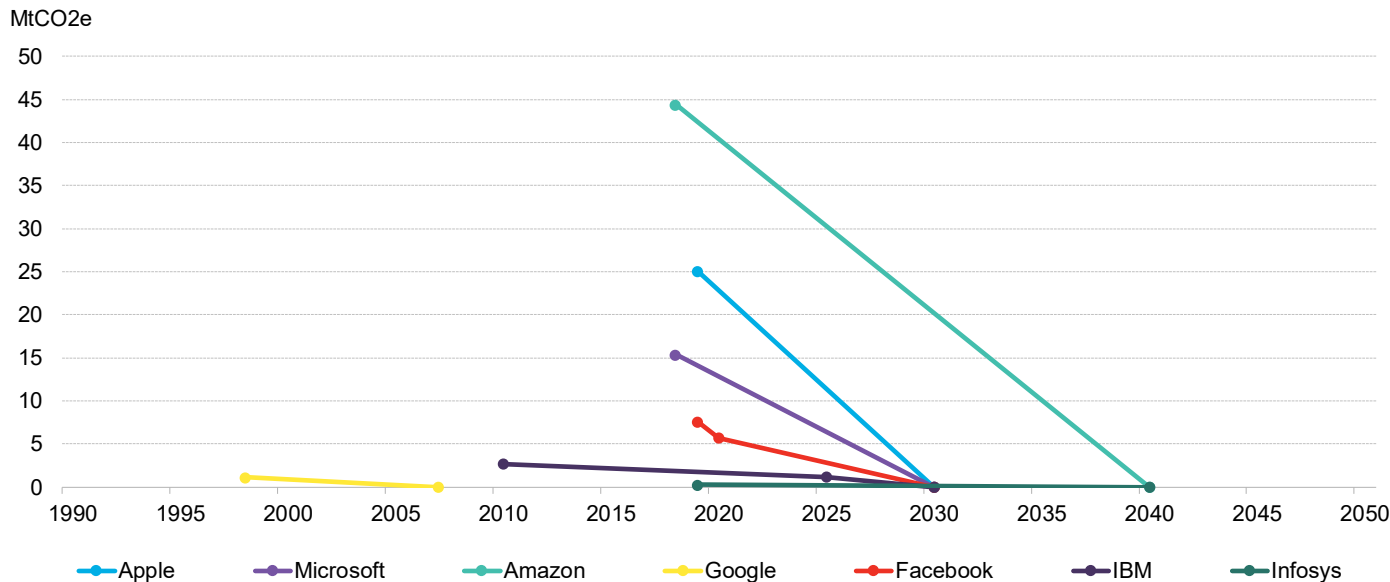


Source: BloombergNEF, Bloomberg Terminal, CDP, company filings



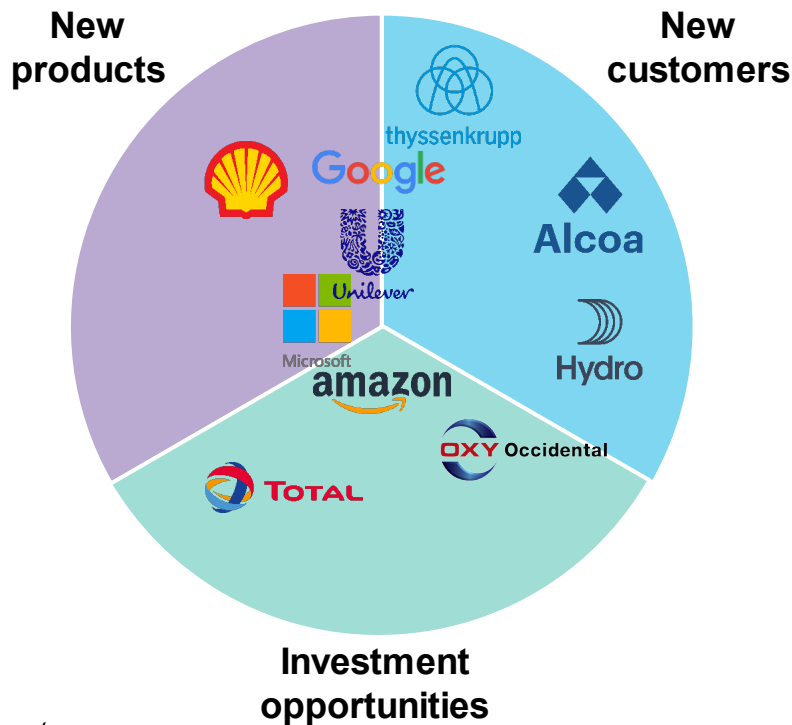
# Credible net-zero goals **are achieved** **before 2050**

## Net-zero targets set by selected technology firms ending earlier than 2050



Source: BloombergNEF, Bloomberg Terminal, CDP, company filings

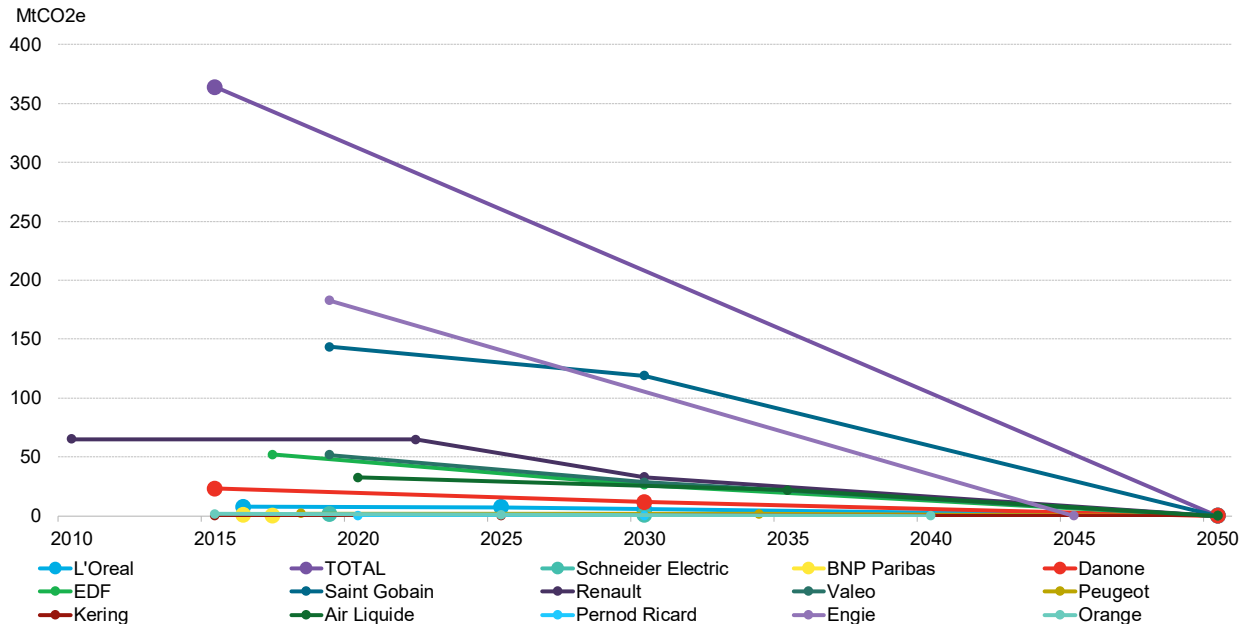
# Credible net-zero goals **uncover new revenue opportunities**



Source: BloombergNEF, company announcements

# French corporations will play a huge role in the low-carbon transition

## Net-zero targets set by selected French companies



**927MtCO<sub>2</sub>e**

Annual emission  
reductions by  
2050 for charted  
French  
companies

Source: BloombergNEF, Bloomberg Terminal, CDP, company filings Note: Chart only visualizes portion of carbon footprint being addressed under net-zero target. Chart is not a comprehensive list of French companies with net-zero goals.

An aerial satellite image of a coastal city, likely San Francisco, showing the city grid, the bay, and the surrounding mountains. The water in the bay is a light teal color, while the ocean to the left is a deep blue. The city is a mix of grey (buildings) and green (parks). The mountains to the right are covered in dense green forest. A large white 'Q&A' text is overlaid on the left side of the image.

# Q&A

*Credit: Contains modified Copernicus Sentinel data (2019),  
processed by ESA, CC BY-SA 3.0 IGO*



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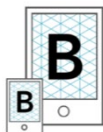
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