

# Net Zero: Fact and Fiction







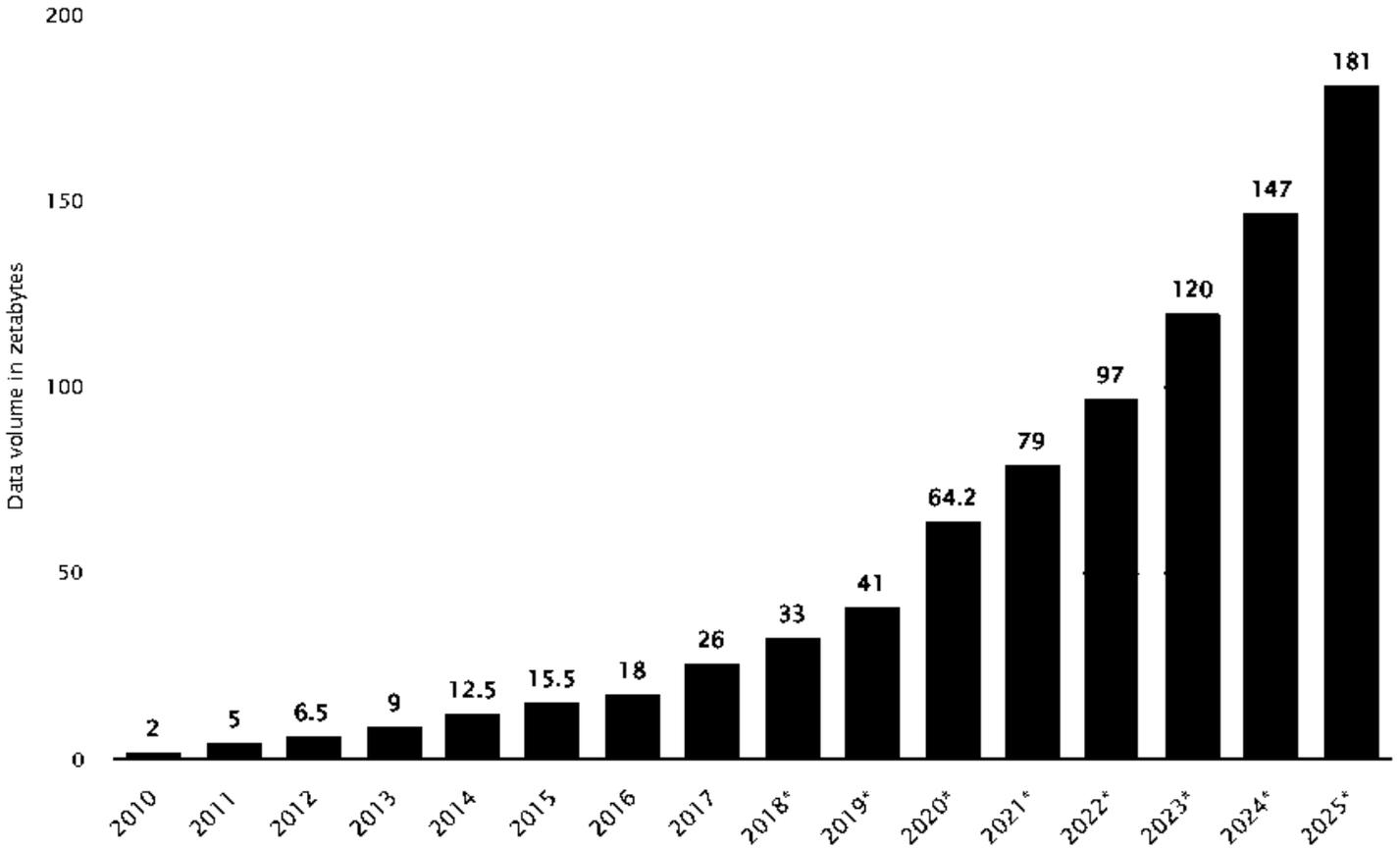
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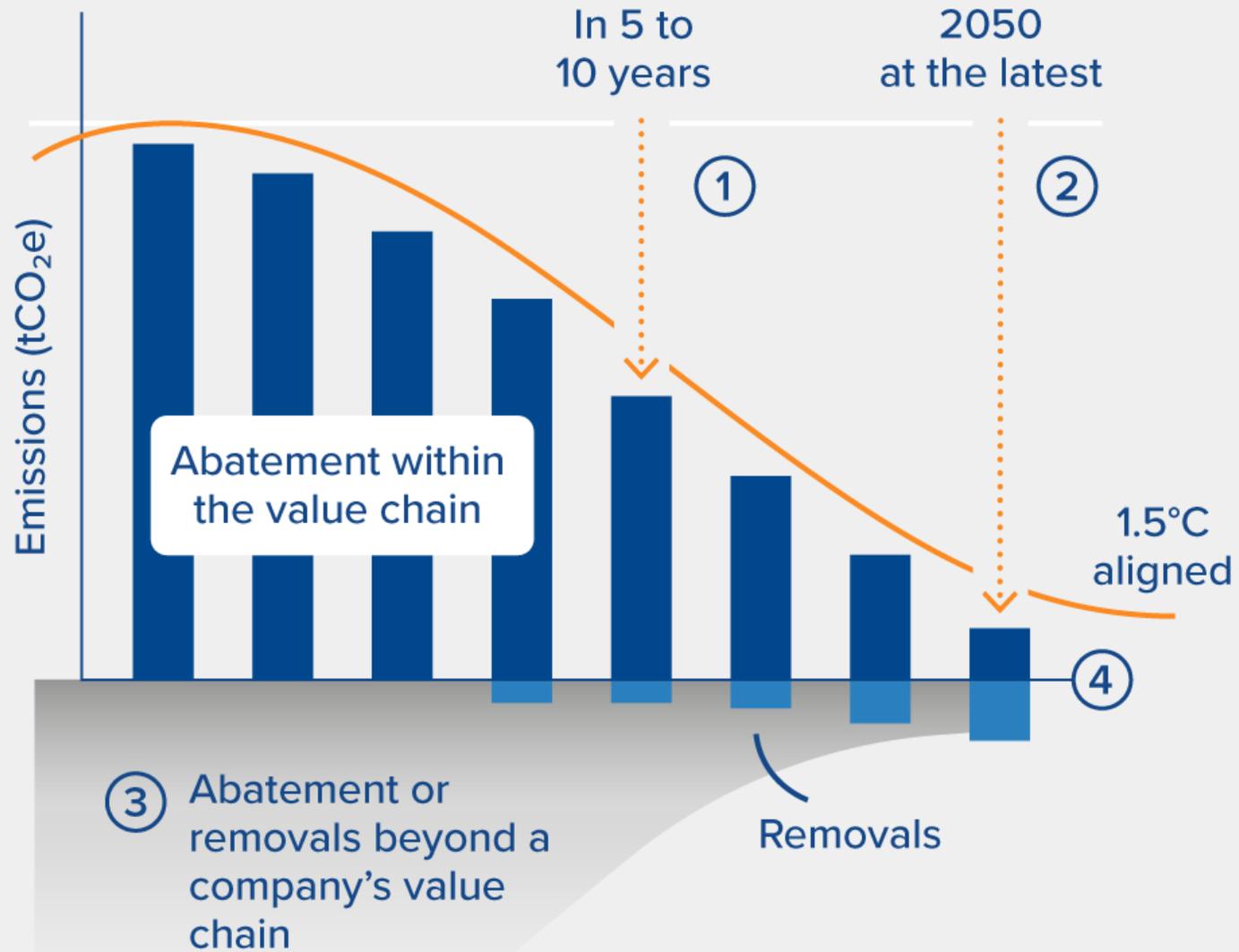


# Data is growing and growing



Source: Statista

# Key Elements of the Net Zero Standard



# Facts

- There is no such thing as Net Zero without carbon removals. Everything comes with embodied carbon.



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*New site to run on 100% green power*

Alibaba's cloud division has opened a data center in Germany designed specifically for AI and machine learning applications.

The new center is based in Frankfurt and will service customers in the automotive, retail and manufacturing space.

Its cooling operations are equipped with dry coolers instead of mechanical refrigeration. According to Alibaba's cloud division, the site will use 100% green electricity to power its operation and will use a cloud-based platform to monitor and optimize its daily carbon footprint.

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**Virtus Data Centres has announced a £2.5 billion (\$3.1 billion) investment in a data centre campus optimised for AI workloads.**

The UK-based digital infrastructure provider's new campus will be in Wustermark, 12km from Berlin's city limits.

The campus will span 350,000sqm, with an expected capacity of 300MW.

"This transformative project sets a new benchmark in mega-scale data centre capacity for cloud and AI in Europe, with an innovative approach to the use of sustainable power, waste heat re-use and technology," said the company in statement.

Virtus has also partnered with a local grid operator. They plan to tap into a key renewable energy grid supply point. Up to 70% will come from nearby onshore wind farms and other renewable sources.

Virtus expects the first phase of the AI data centre campus to come online in 2026.

In May, Virtus [announced](#) plans to expand outside of the UK, with a new 90MVA data centre campus in Berlin.

Established in 2008, Virtus rapidly expanded its footprint in the London area. Currently, it operates four data centre campuses in the UK.

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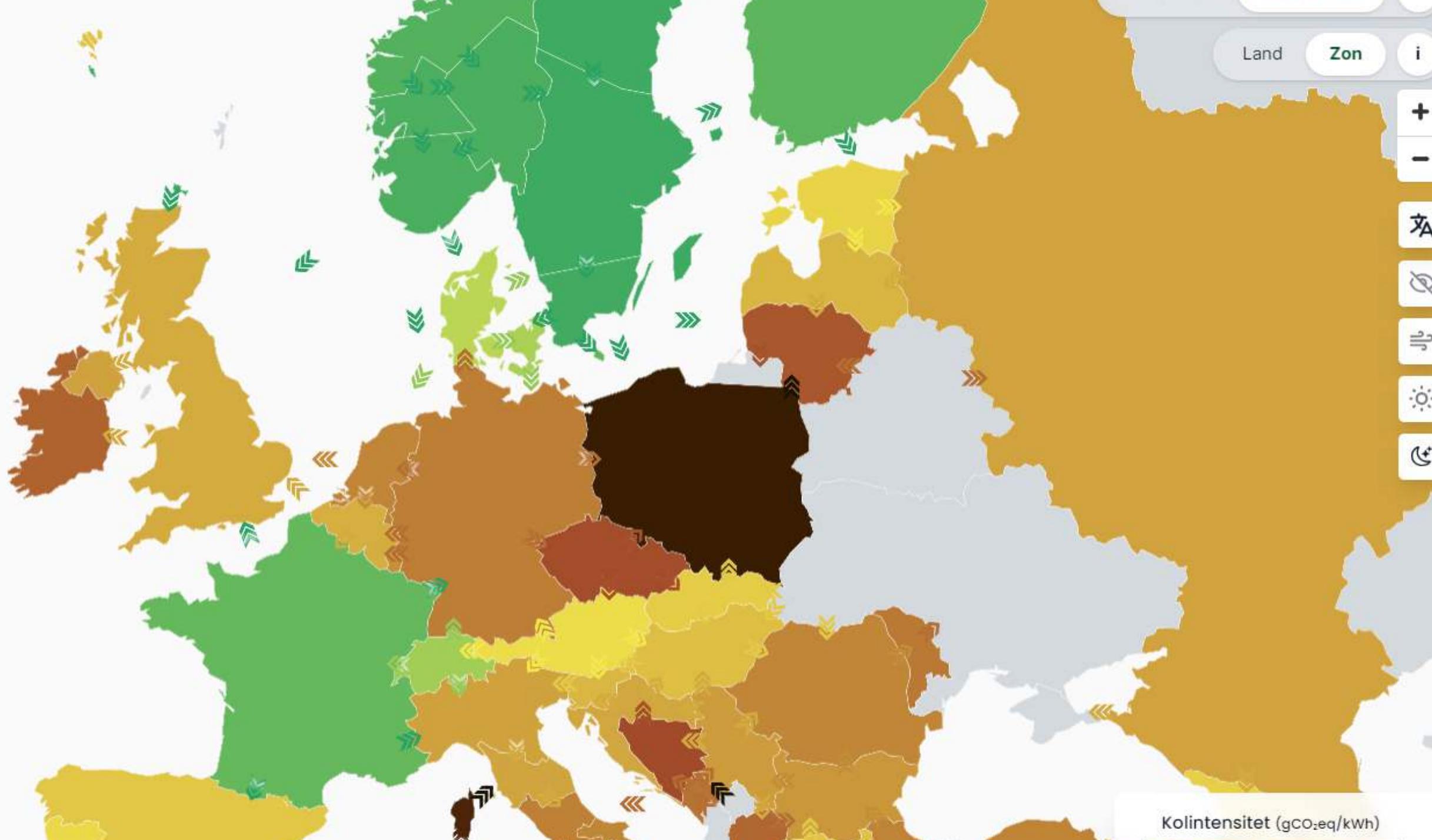
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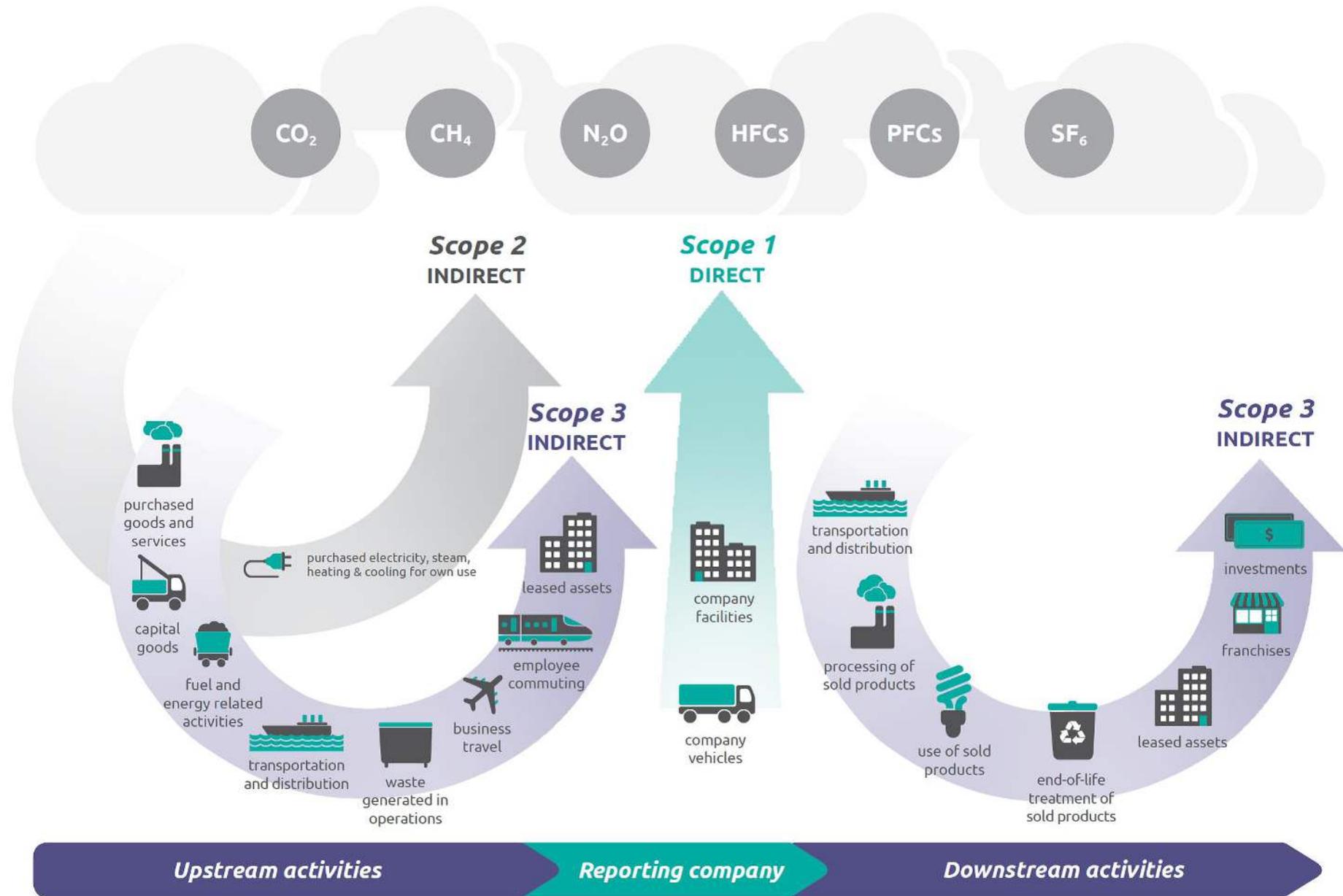
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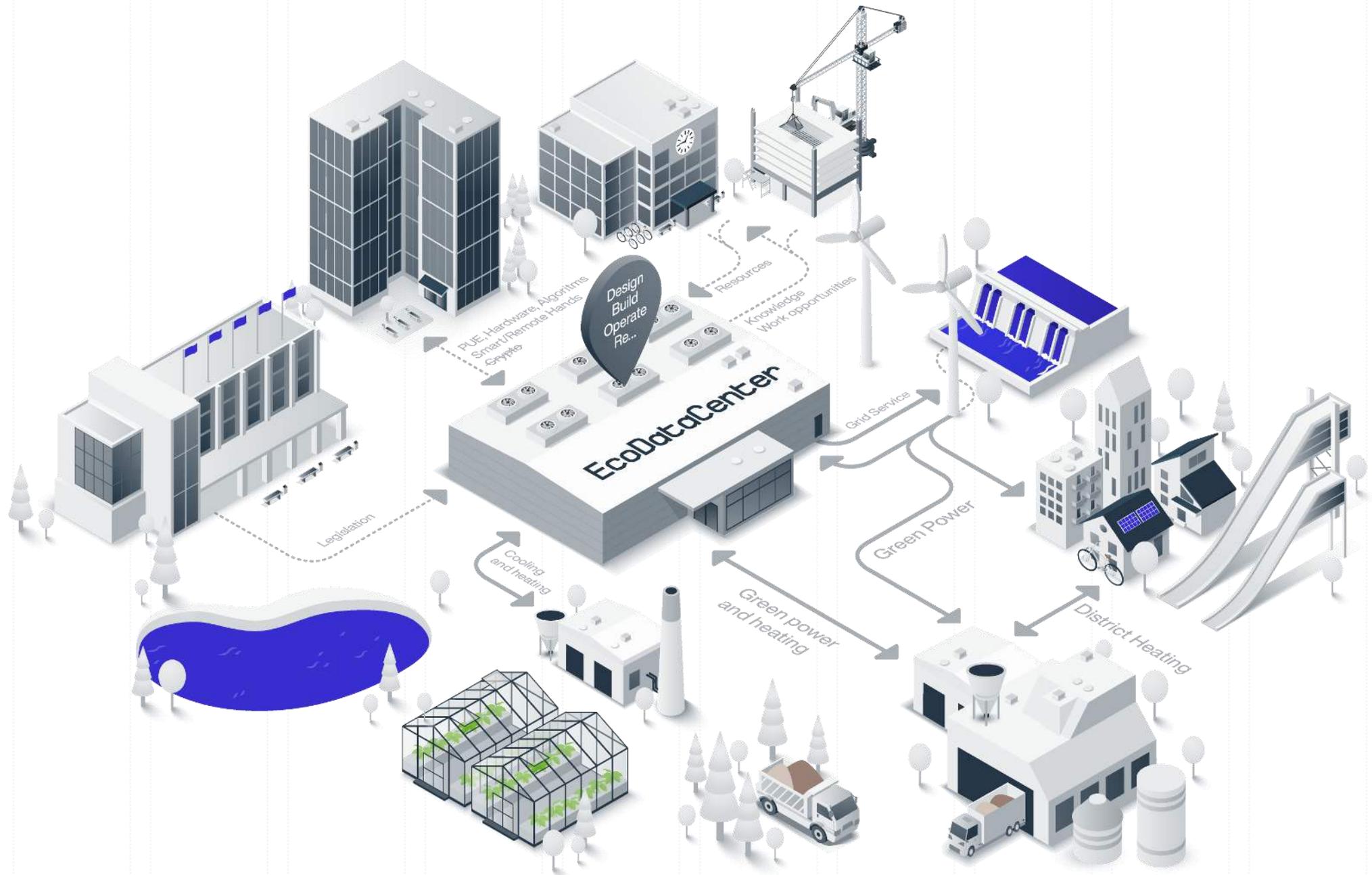
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Kolintensitet (gCO<sub>2</sub>eq/kWh)

# Facts

- There is no such thing as Net Zero without carbon removals.
- When looking at renewable energy, look for additionality.





# Facts

- There is no such thing as Net Zero without carbon removals.
- When looking at renewable energy, look for additionality.
- The only way to reduce carbon is connecting the value chain

A misty forest landscape with evergreen and deciduous trees. The scene is captured from an elevated perspective, showing a dense forest of tall evergreen trees in the foreground and middle ground, with some deciduous trees showing autumn colors. A thick layer of mist or fog hangs over the forest, creating a soft, ethereal atmosphere. The background shows a range of mountains under a pale, overcast sky.

# Let's connect

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