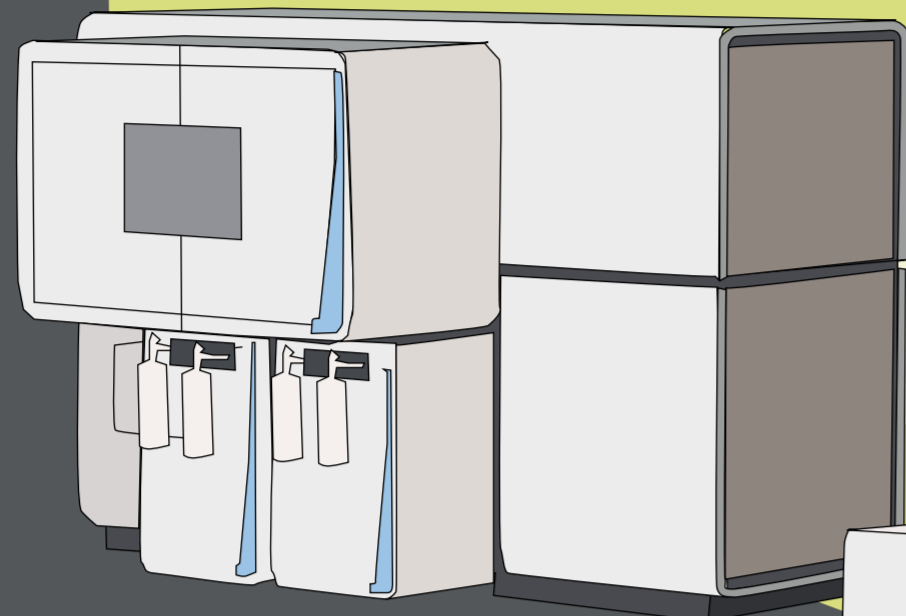


IsoFootprint

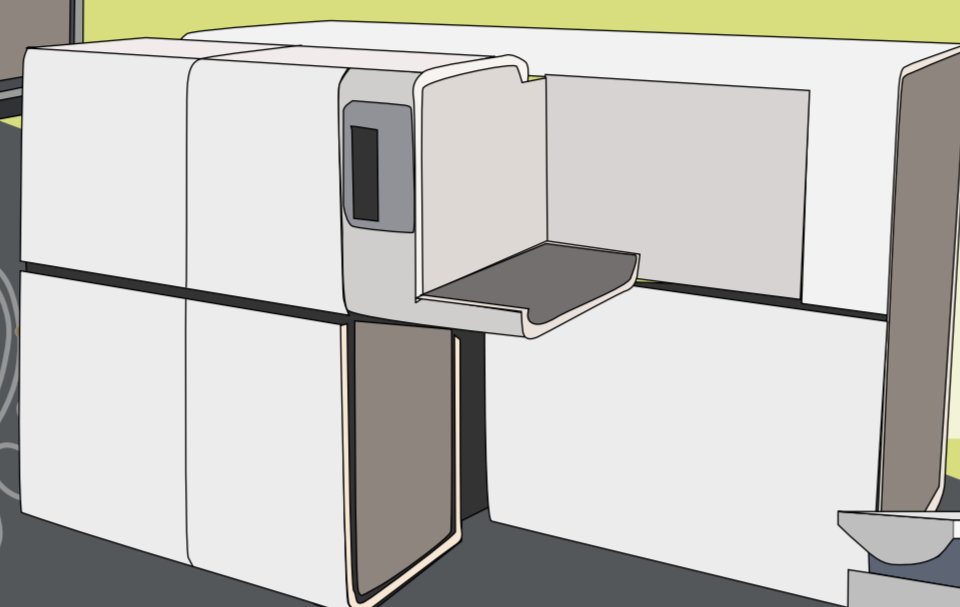
Paving the way to sustainable isotope analysis

thermo
scientific

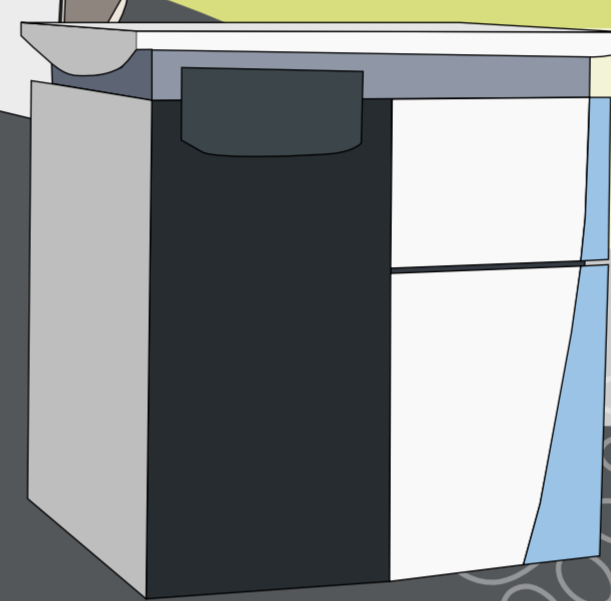
IsoFootprint is a new initiative launched by the Inorganic Mass Spectrometry (IOMS) team to remove CO₂ emissions associated with our products and their supply chain.



Thermo Scientific™ Ultra™ HR-IRMS
Weight 1,800 kg
Embodied CO₂ 28,800 kg



Thermo Scientific™ Neoma™ MC-ICP-MS
Weight 1,250 kg
Embodied CO₂ 19,600 kg



Thermo Scientific™ DELTA Q™ IRMS
Weight 300 kg
Embodied CO₂ 3,800 kg

Embodied carbon in mass spectrometers is proportional to its mass.

78% short-term storage

Timber construction
 Cellulose insulation
Nature-based solutions removing CO₂ from atmosphere for up to 100 years

\$80 / tCO₂ removed

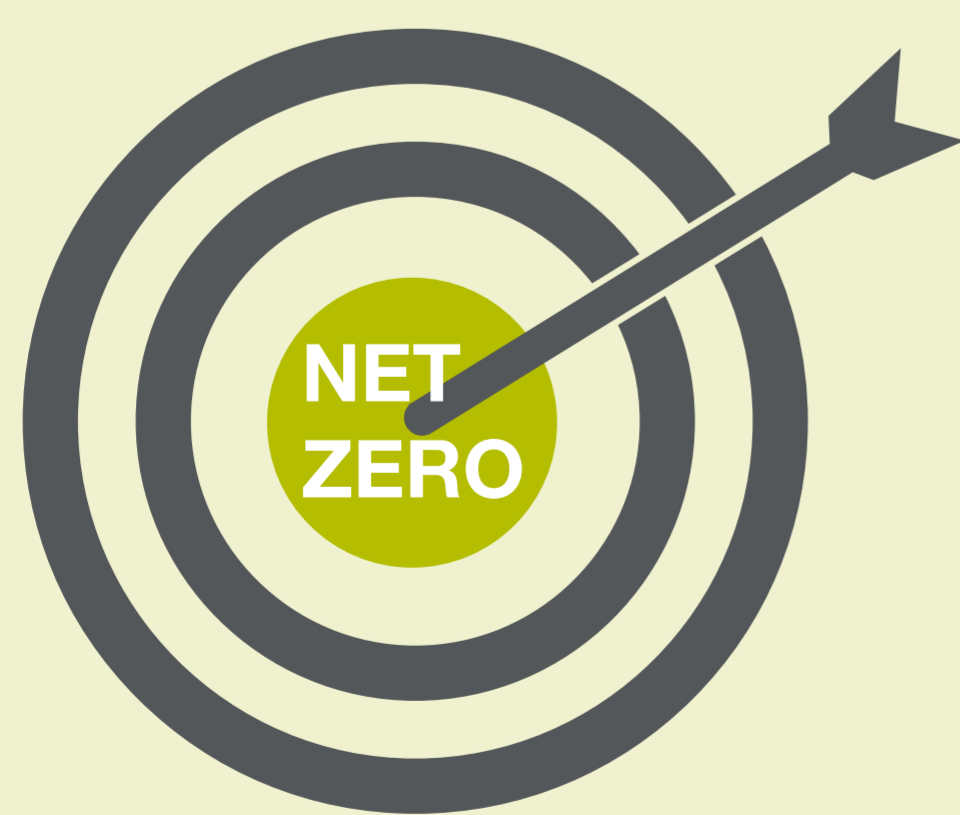
7% long-term storage

Bio-oil
 Direct-air capture
Engineering solutions removing CO₂ from atmosphere for more than 10,000 years

15% medium-term storage

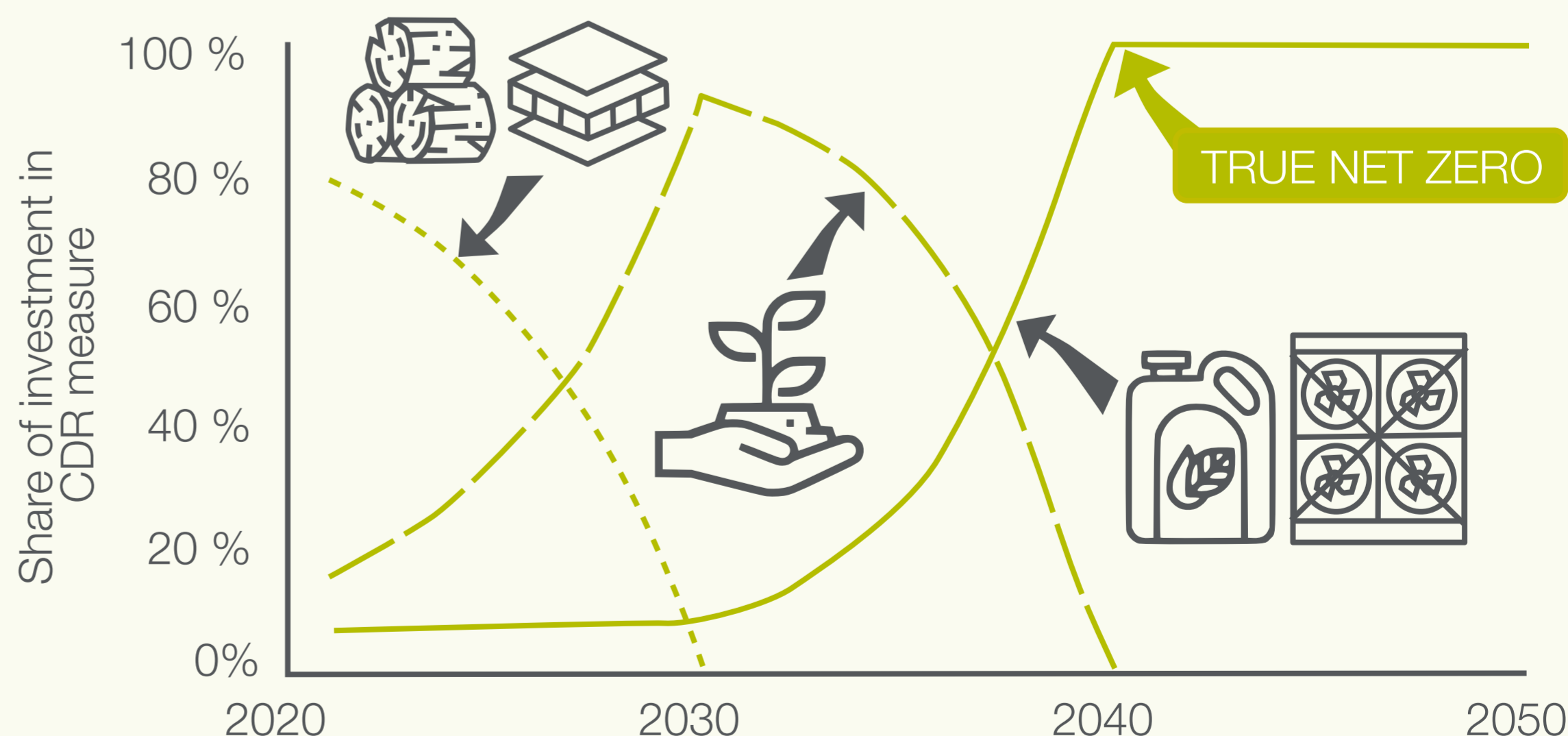
Bio-char
Engineering solutions removing CO₂ from atmosphere for 100-1000 years

We invested in a suite of different carbon dioxide removal projects to counter our emissions in 2021.



We intend to remove the emissions for the complete IOMS product range by 2030.

Our goal: TRUE NET ZERO (100% permanent CO₂ removal) by 2040.



Visit us at thermofisher.com/IsoFootprint to learn more!

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