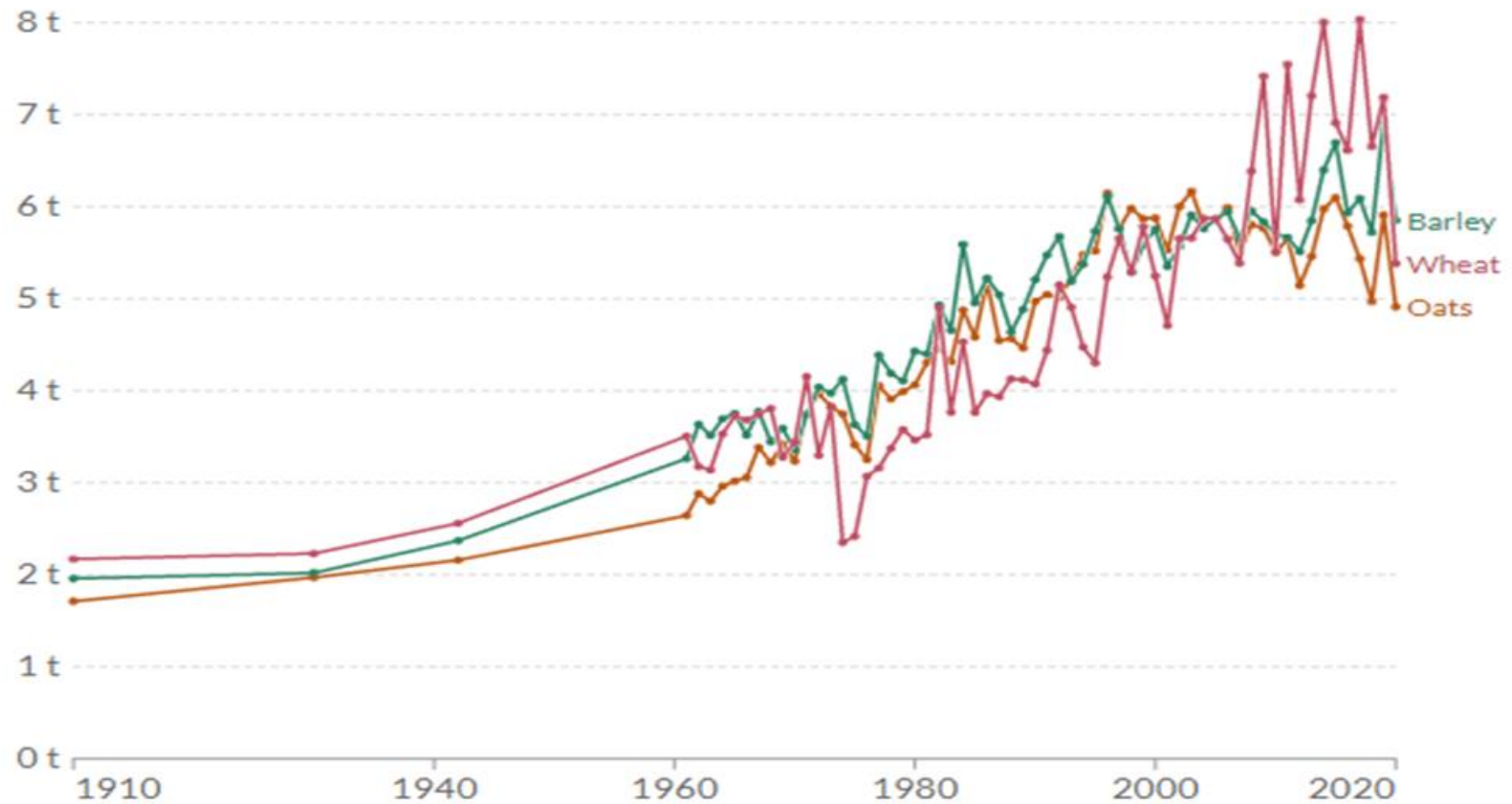


Clean Economy & Biodiversity

Chris Iggo, Stephane Lago & Thomas Atkinson

12 October 2022

Cereal yields in the UK (tonnes/hectar)



Source: Broadberry et al. (2015) and Food and Agriculture Organization of the UN

The global food system has altered our planet more than any other human activity

1/3rd
of the food produced is
wasted

The global food system:



Uses **70%** of freshwater


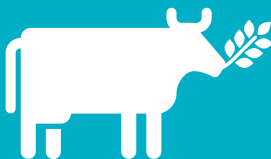
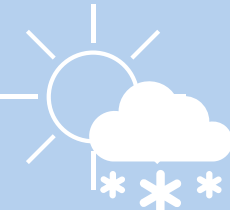



Is responsible for **80%** of
deforestation

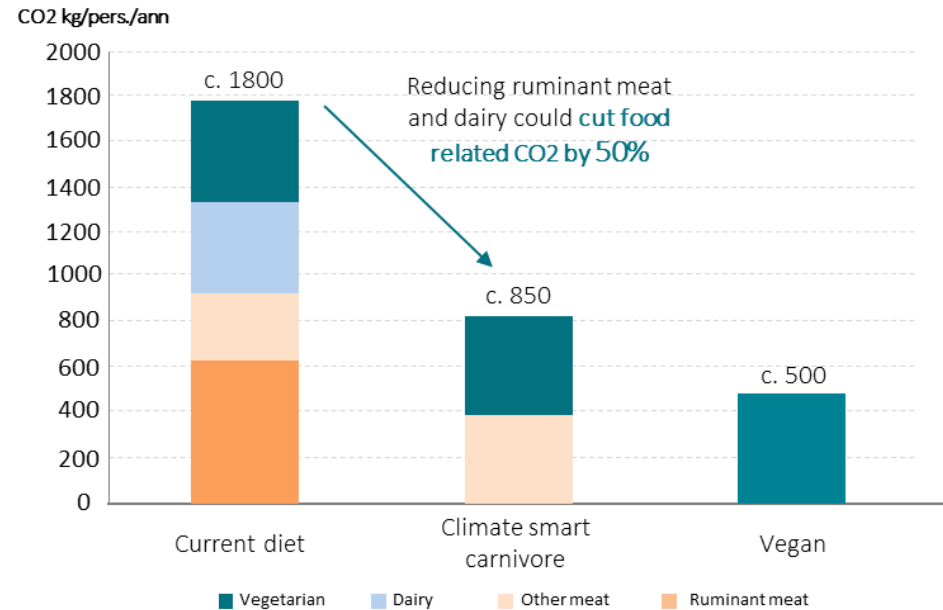
Source: Citi Food and climate change, July 2022.

Adapting our food consumption

What are the 4 main reasons to reduce meat consumption?

Improving Human health 	Improving Animal welfare 
Addressing climate change 	Addressing resource constraints 

Food related CO2 emission by type of dairy



How does it work in practice?

US recycling food products company



Intentionality

Recycling waste products into useful fuel



Materiality

Create biofuel with used cooking oil



Additionality

The process is eligible to sustainable aviation fuel



Negative Externalities

High Water Intensity



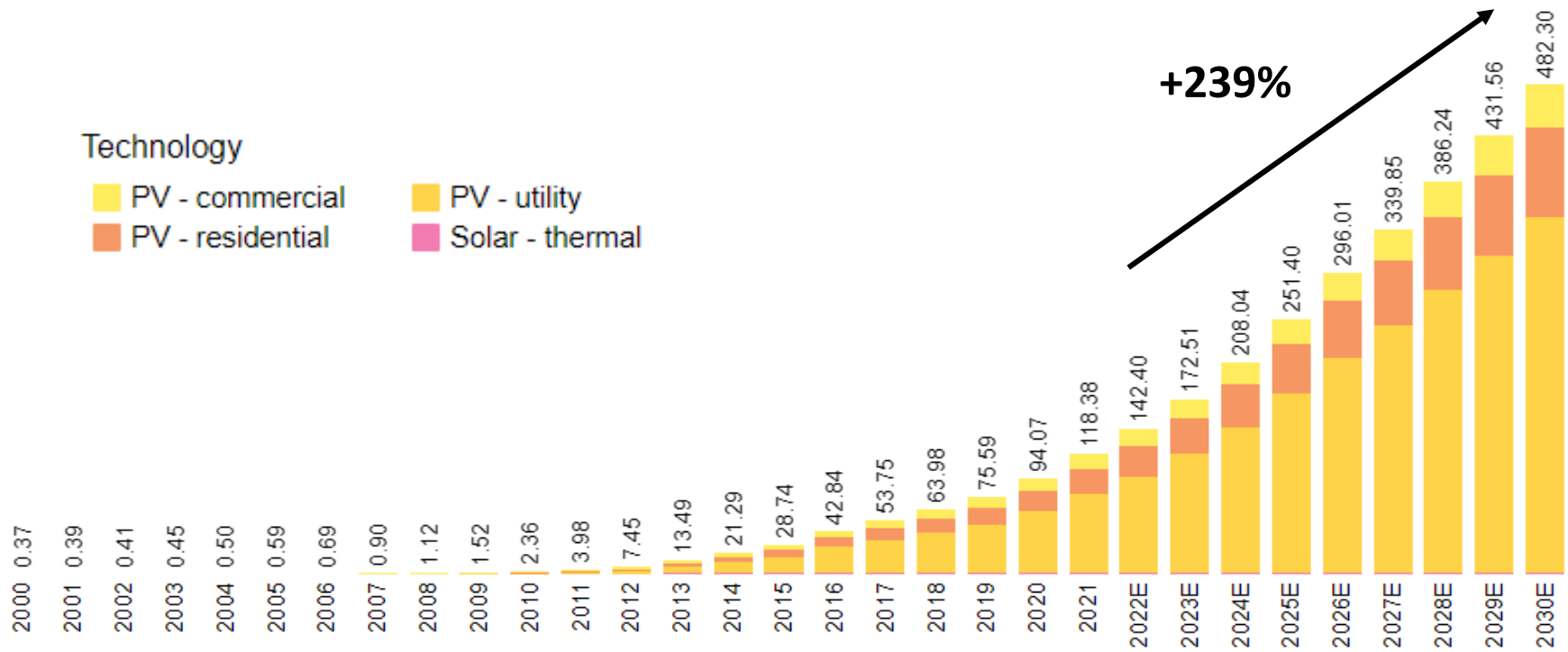
Measurability

Company seeks to explain SDG alignment and has set targets for KPIs

KPIs monitored

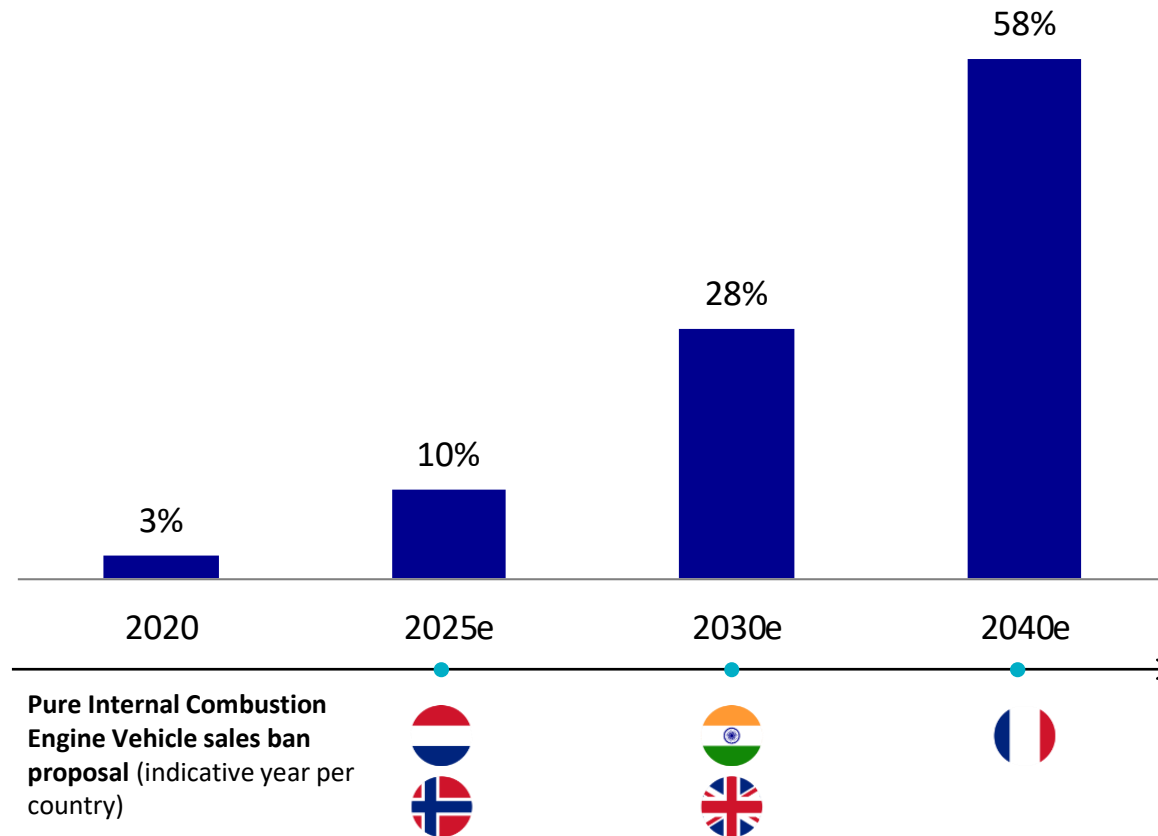
	2019	2020
Renewable Diesel produced by Diamond Green Diesel (Joint Venture) (Million gallons)	275	289
Global water intensity (Gallon / lb raw material)	0.38	0.35

US Solar Cumulative Capacity (GW)

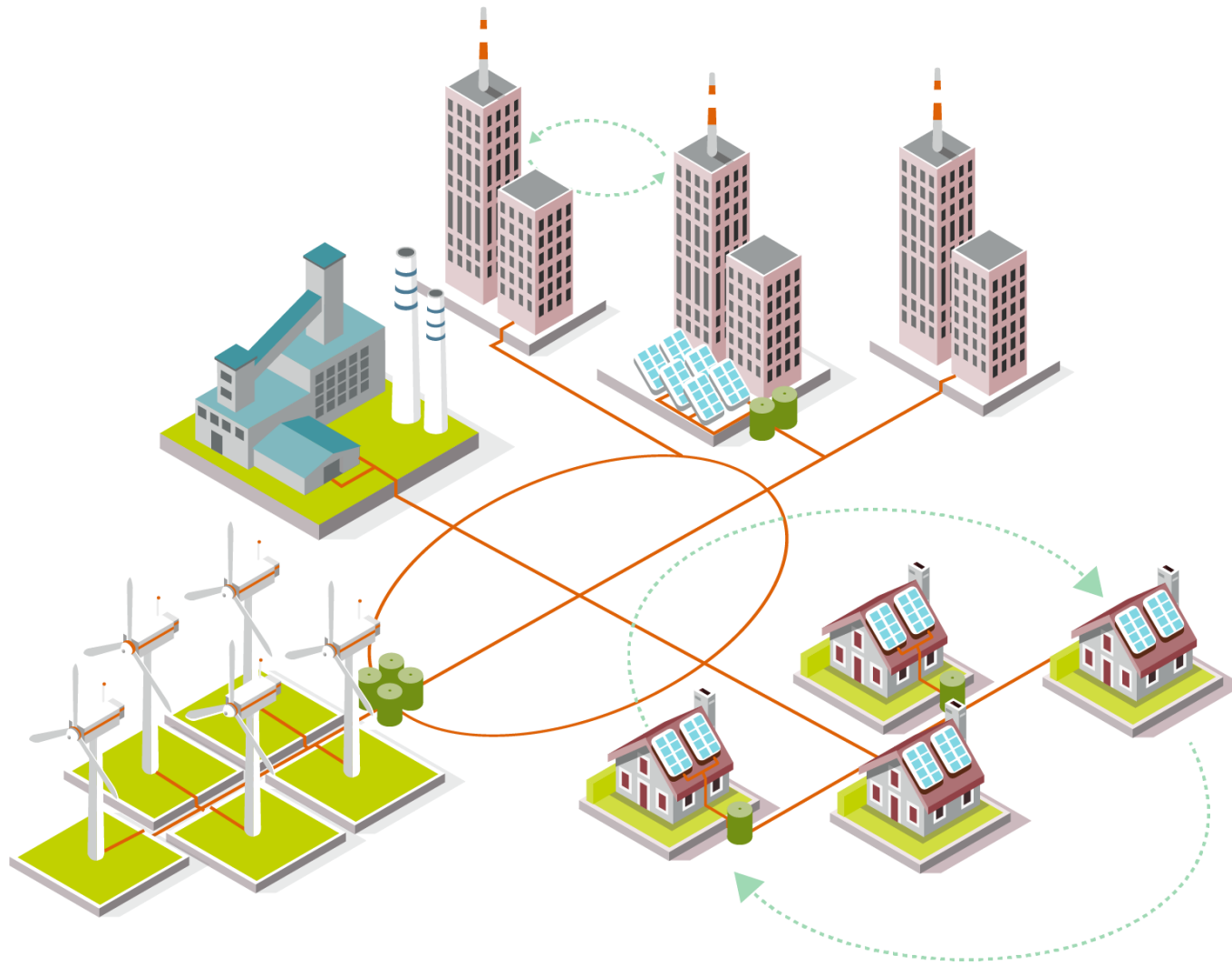


EVs¹ sales are surging due to policy support, improvements in battery and infrastructure

EVs as a % of Global Car Sales²



Smart grid – efficient distribution of energy in cities



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