

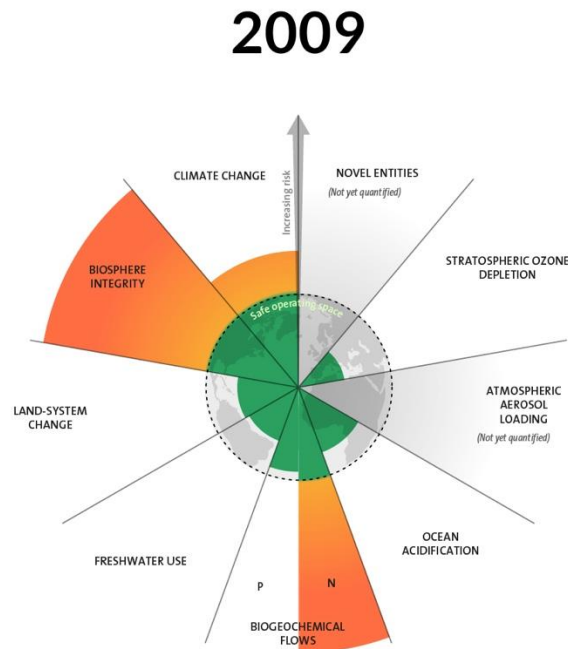


Engineering a Sustainable World

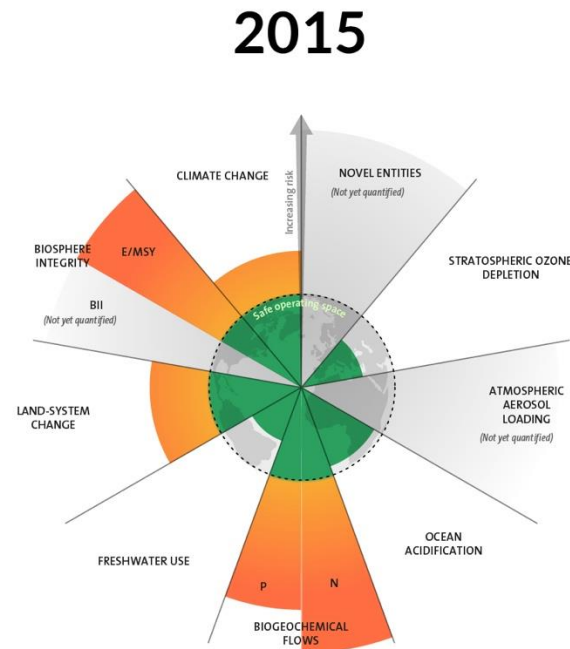


Mark Apsey MBE
President, IChemE

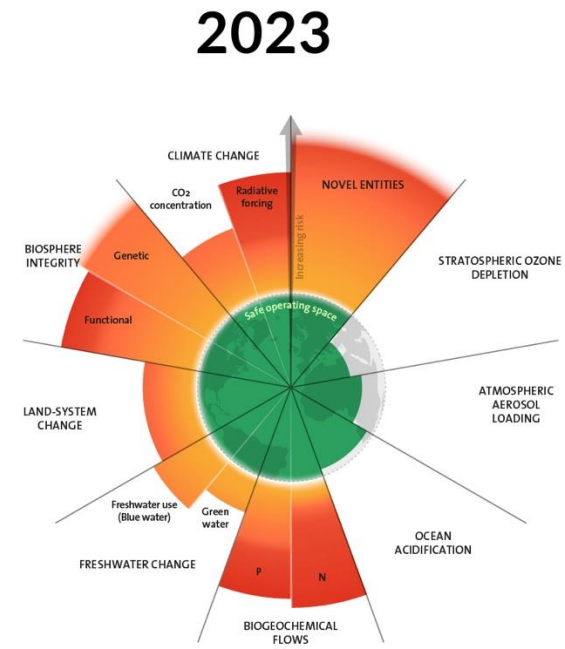
Why does sustainability matter?



7 boundaries assessed,
3 crossed



7 boundaries assessed,
4 crossed



9 boundaries assessed,
6 crossed

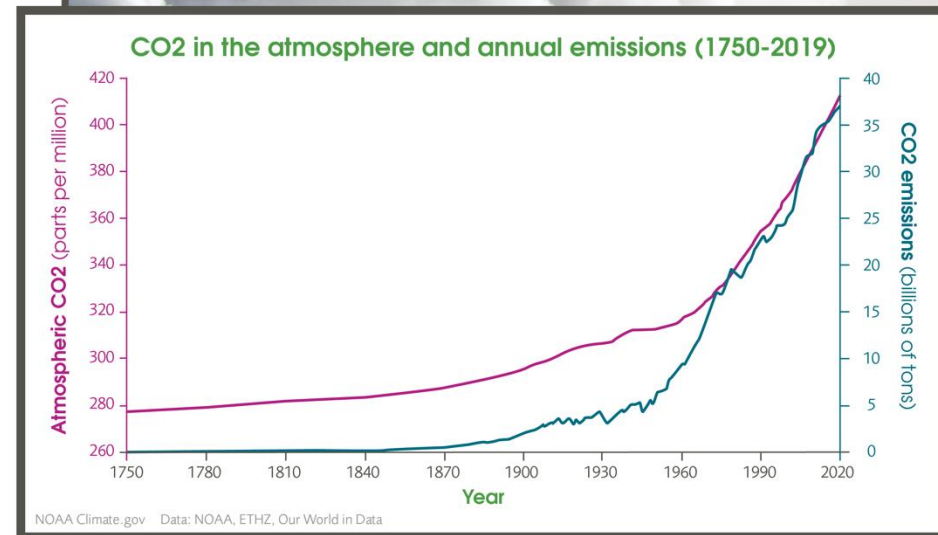
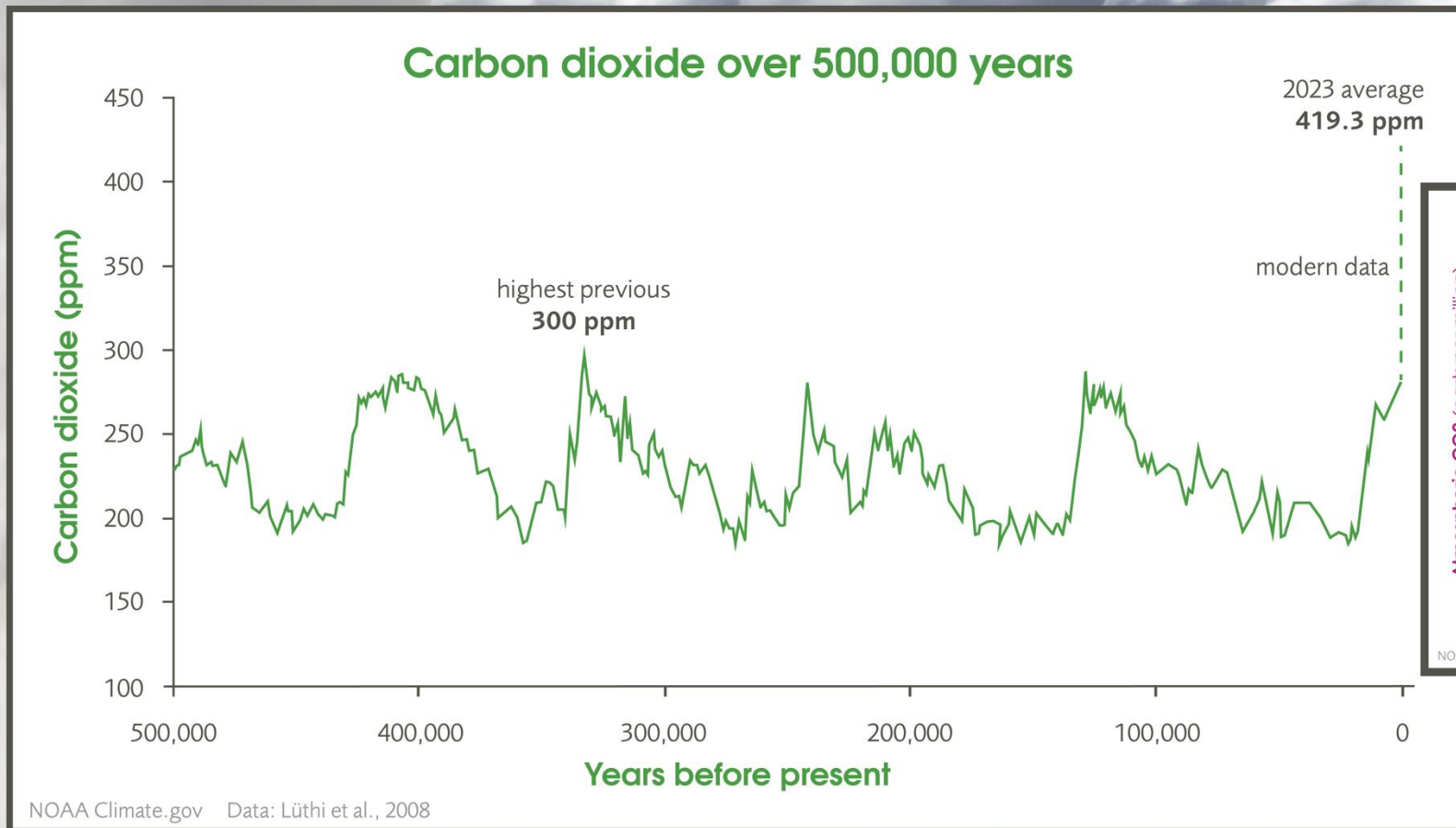
Credit: "Azote for Stockholm Resilience Centre, based on analysis in Richardson et al 2023"

IChemE

Global Temperature Change (1850-2023)

#showyourstripes

Credit: Professor Ed Hawkins,
University of Reading

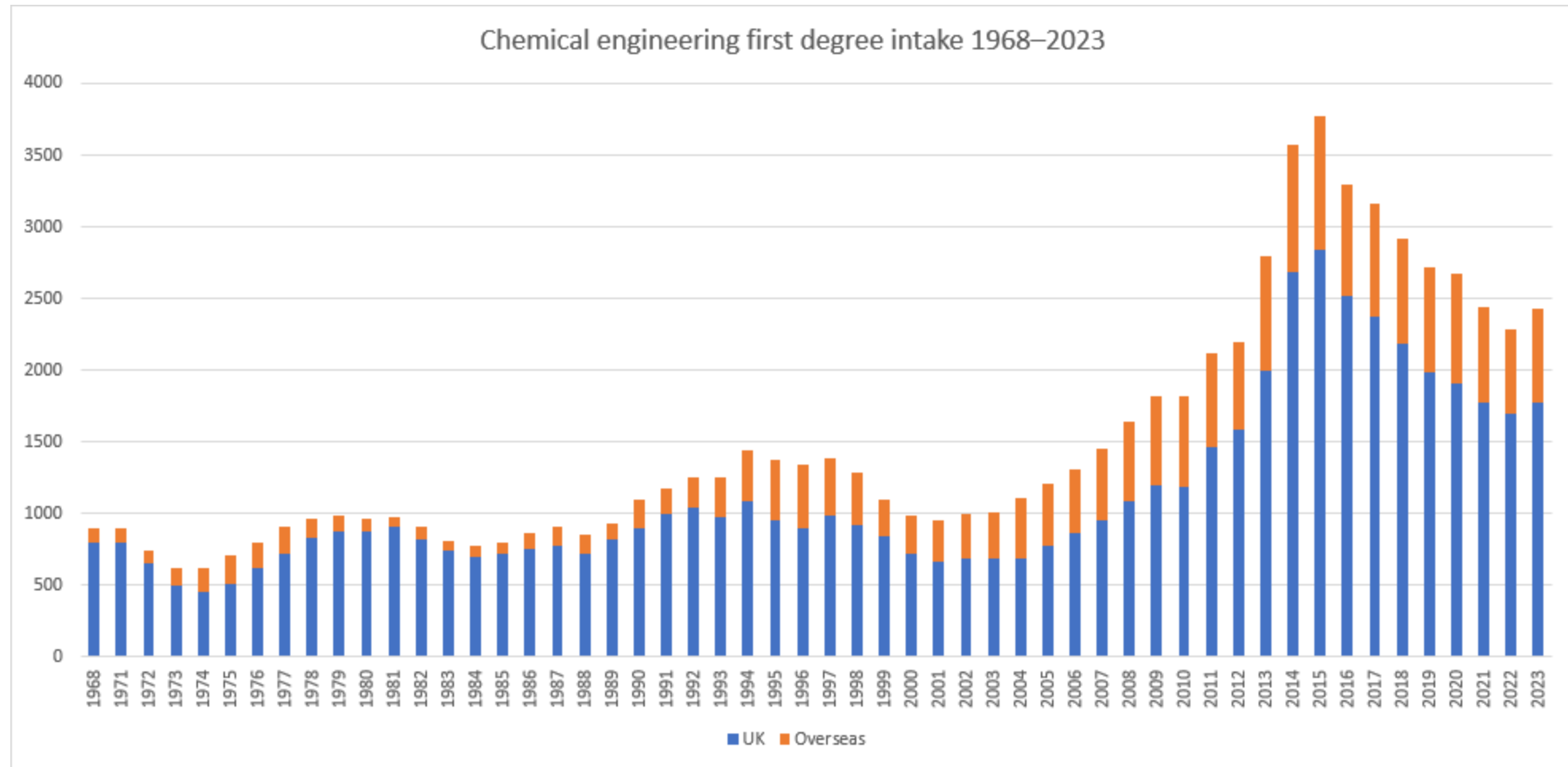


What can chemical engineers do to help?

- sustainable systems thinking
- water and sanitation
- food, health and wellbeing
- energy



What do we need to unlock this contribution?



Key Asks

- recognize the pivotal role of chemical and process engineers in achieving a sustainable world
- designate chemical and process engineering as subjects of national strategic importance
- explicit references to chemical and process engineering in relevant discussions, documents, and legislation;
- prioritise funding for research into chemical and process engineering-related topics
- prioritise chemical and process engineering education and training at all levels



Our vision

Engineering a sustainable world

Our mission

Putting chemical and process engineering at the heart of a sustainable future – benefitting members, society and the environment.

Strategic goal 1

Supporting a vibrant and thriving profession.

Strategic goal 2

Serving society by collaborating with others.

Underpinned by a responsive, adaptable, sustainable and high performing organisation, driven by purpose and impact.

Our values



Trusted



Collaborative



Agile



Innovative



Impactful



Engineering a Sustainable World



THANK YOU!