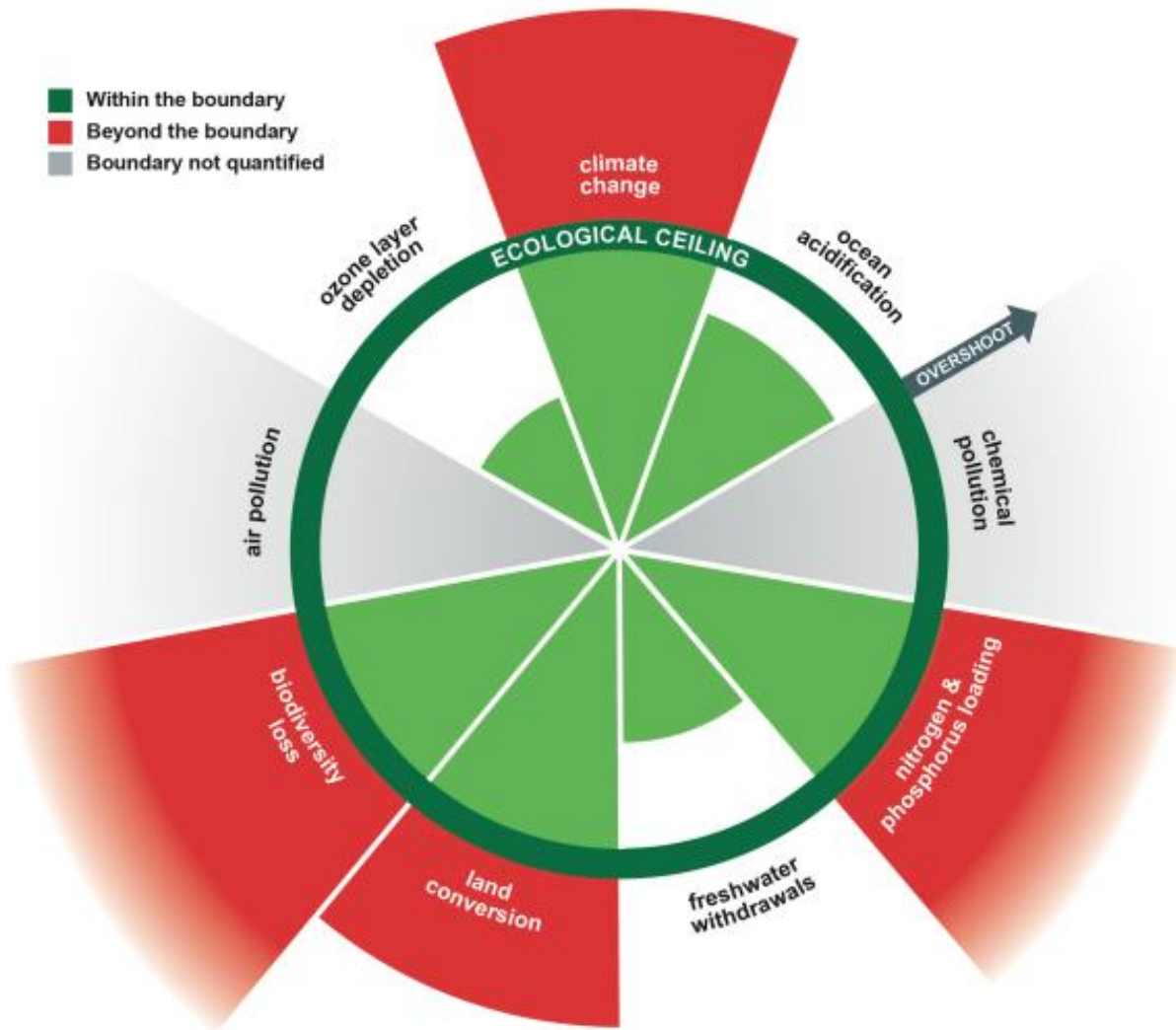


Food waste and climate change- the international perspective

Dr Richard Swannell
Interim CEO
WRAP
December 2022



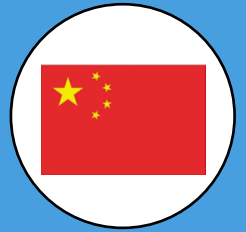
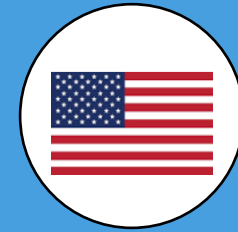


Planetary boundaries are being exceeded

Source:
 Rockstrom et al
 Stockholm Resilience
 Centre

Impact of food loss and waste alone

- Financial - >\$1 trillion
- Environmental - 8-10% of GHGs
- Social – 1 in 9 go hungry





Impact

- **Reducing food waste**
- Potential 91–102 GtCO₂ (eq) (2020-2050) reduced

- **Eating plant- rich diets**
- Potential 65-92 Gt CO₂ (eq) (2020-2050) reduced

- **1st and 3rd most impactful strategies**

Sources: Project Drawdown (www.drawdown.org) and WRAP (www.wrap.org.uk)

EU & Global Objectives



THE GLOBAL GOALS
For Sustainable Development

Food waste globally:

- 570 Mt in homes
- 240 Mt in food service
- 120 Mt in retail

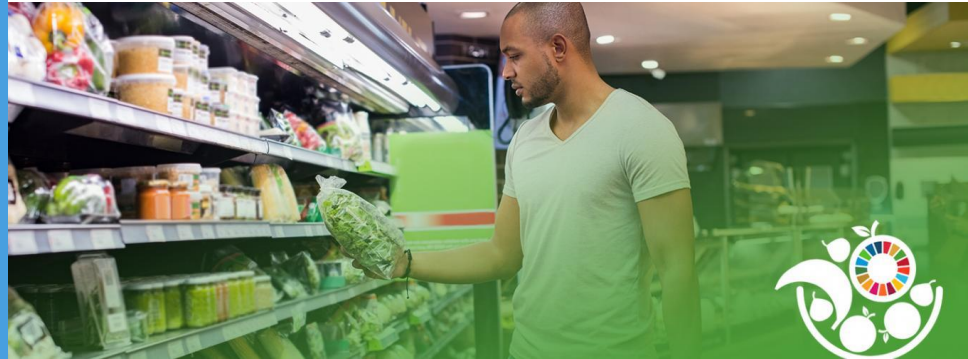


Household food waste across the world 2019

Income group	Average, kg / capita / year
High-income	79
Upper middle-income	76
Lower middle-income	91
Low-income	Insufficient data

Progress on the SDG 12.3

- First business to have halved food waste: Ingka Group-the operator of IKEA
- Another 50 major global companies are close to delivering SDG 12.3
- UNEP & WRAP working with 25 countries on measurement and food waste reduction policy
- VERRA- WRAP methodology for converting food waste savings in carbon credits for the voluntary market published this month.



Progress on NDCs

- Analysis up to the end of August by UNEP and WRAP
- 38 countries have included FLW & better food waste management in their NDCs
- Excluded those that have included FLW in supplementary documents

A stylized globe of the Earth with green continents and blue oceans, serving as a background for the COP 27 text.

COP 27
SHARM EL-SHEIKH
7-18 NOVEMBER 2022

Pledge on FLW to be launched at COP 27

- The pledge is a multi-stakeholder cooperation and action movement with the goal of reducing FLW and its consequential GHG emissions
- It involves governments, businesses, civil society, and international governmental & NGO's
- Co-ordinating partners of this pledge are WRI, UNEP & FAO.
- Supporters include: Rabobank, WRAP, WWF,

A circular graphic of a globe with green continents and blue oceans, serving as a background for the COP 27 text.

COP 27
SHARM EL-SHEIKH
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Conclusions

- Food waste is going up the agenda globally
- Link to Climate Change is key & increasingly recognized
- Leading businesses are acting
- Still not enough countries committed
- We need to make it as easy as possible for Governments and businesses to act





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UNITE IN THE
#FOODWASTEFIGHT