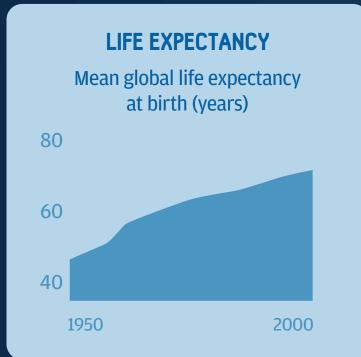
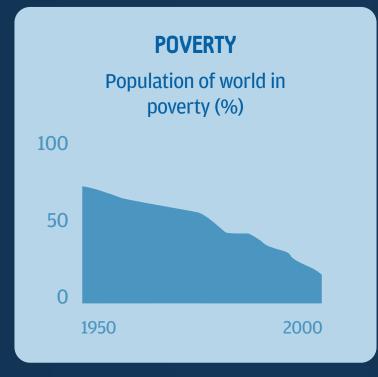
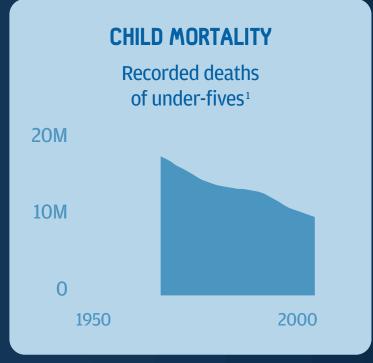
PLANETARY HEALTH

THE HEALTH OF HUMAN CIVILISATION AND THE NATURAL SYSTEMS ON WHICH IT DEPENDS

THE HUMAN POPULATION IS HEALTHIER **THAN EVER BEFORE**

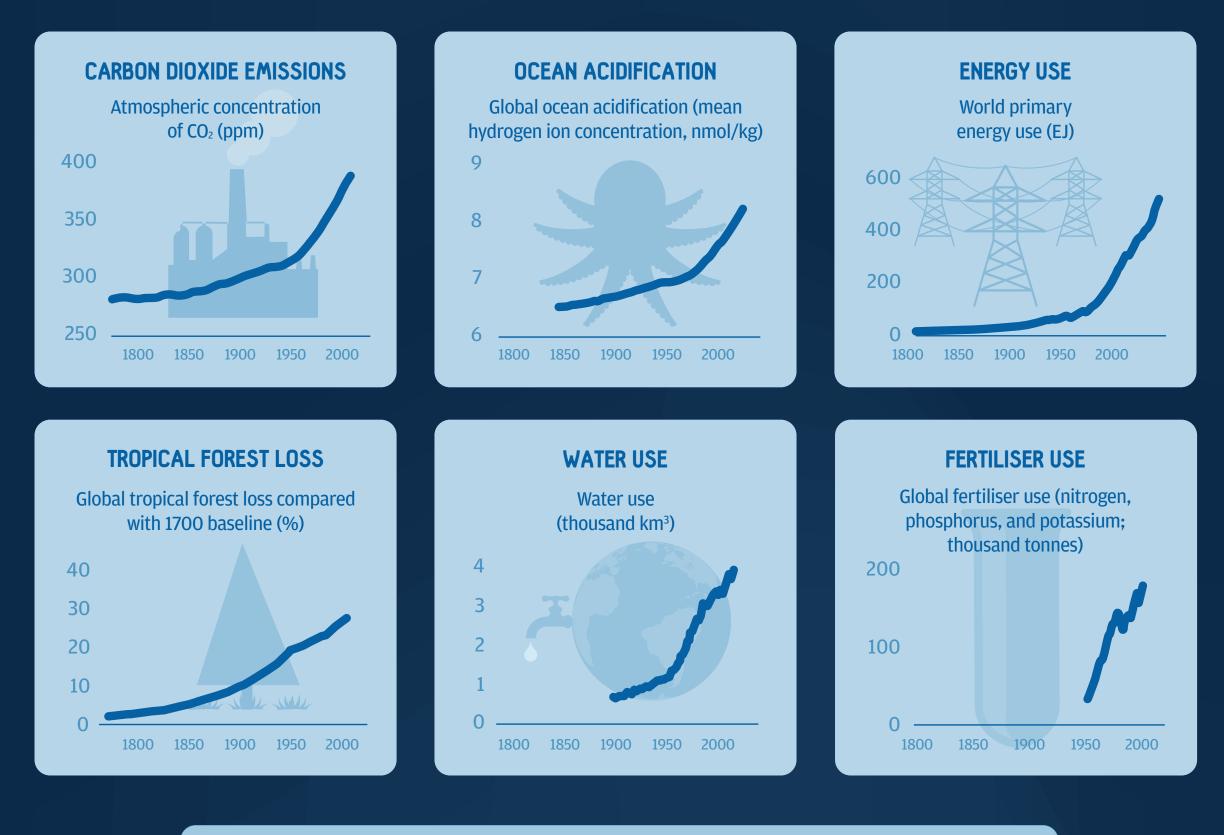








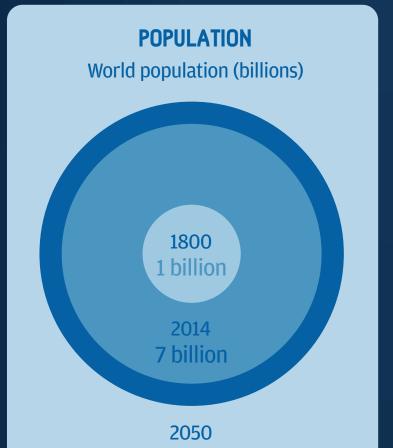
BUT TO ACHIEVE THIS WE'VE EXPLOITED THE PLANET AT AN UNPRECEDENTED RATE

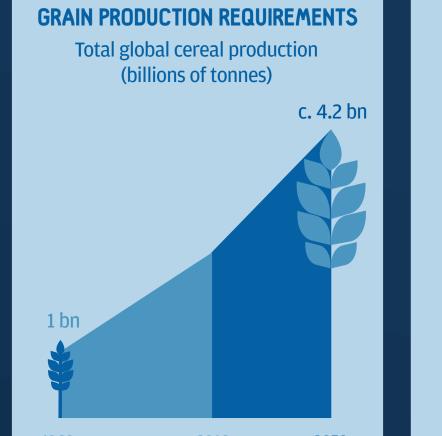


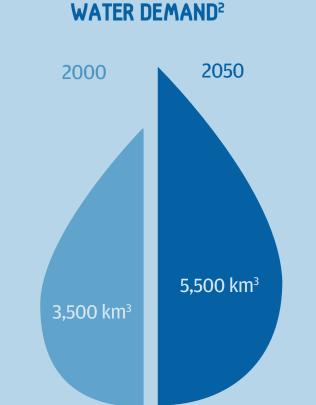
The period of environmental changes induced by human exploitation of the planet defines a new geological era: the Anthropocene epoch



ON OUR CURRENT TRAJECTORY WE WILL PUT EVEN MORE PRESSURE ON THE PLANET







9.6 billion

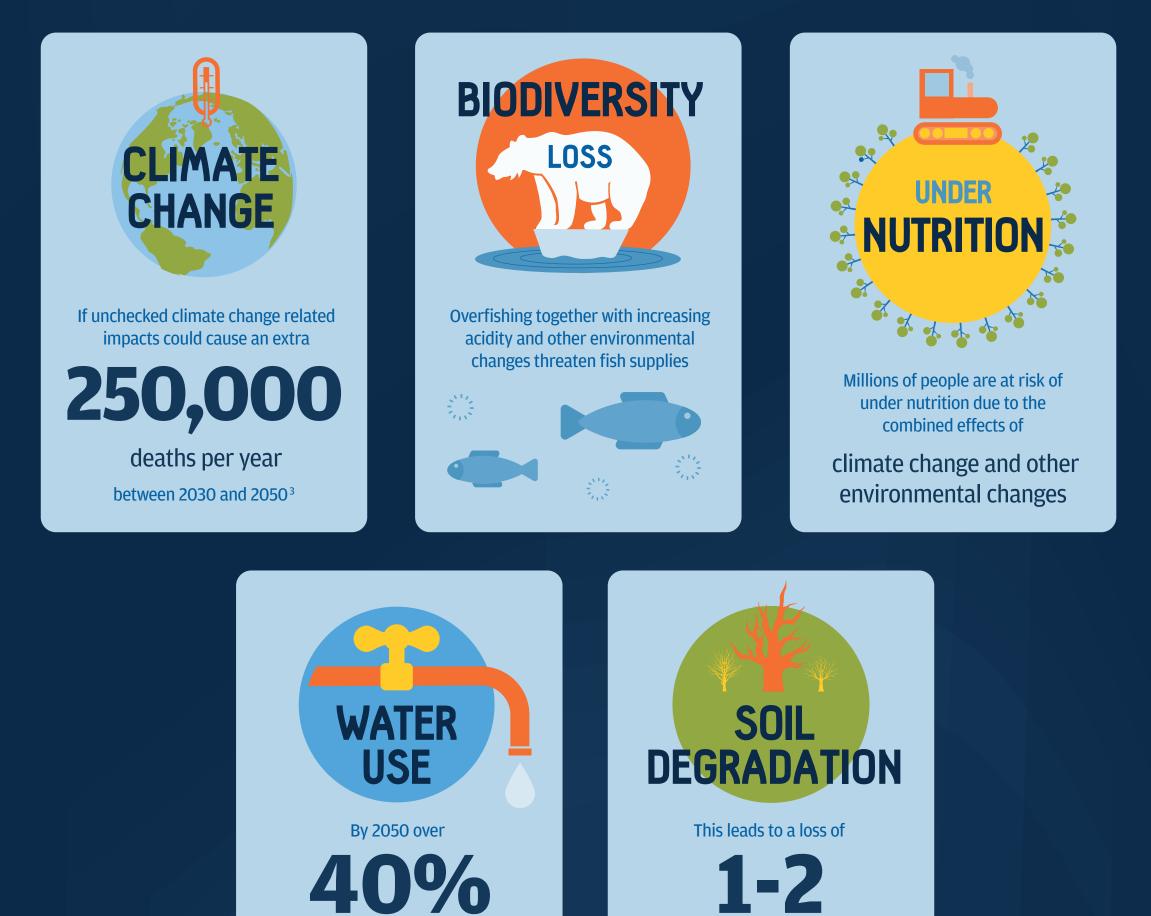
1960

2014

2050



DAMAGING THE PLANET DAMAGES HUMAN HEALTH



million hectares of agricultural land per annum

These environmental threats could also exacerbate each other



TO SAFEGUARD HUMAN HEALTH WE

NEED TO MAINTAIN THE HEALTH OF THE PLANET ON WHICH WE DEPEND

LEARN ABOUT PLANETARY HEALTH



Planetary health is the highest standard of health, wellbeing and equity worldwide. Human systems are responsible for shaping the future of human civilisation and the Earth's natural systems

REDUCE FOOD **WASTE**

of the world's population could

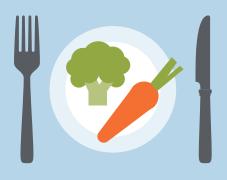
be living in areas under severe

water stress



30-50% of all food produced is never consumed. Reducing food waste means less land is needed for agriculture; saving energy, water, helping to protect biodiversity and improving food security

HEALTHY DIETS WITH A LOW **ENVIRONMENTAL IMPACT**



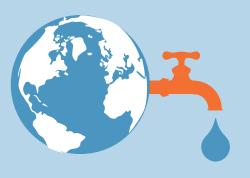
Diets low in red meat with plenty of fruit and vegetables reduce the risk of heart disease. Dietary changes could reduce greenhouse gas emissions and land use requirements by up to 50%

BETTER GOVERNANCE



Coordinated global, national and local policies that reduce environmental damage and improve health need to be implemented

USE WATER MORE EFFICIENTLY



Although drip or trickle irrigation methods are more expensive to install, they can be 33% more efficient in water use

END DEFORESTATION



Since 2000 we have cut down over 2.3 million km² of primary forest. The REDD+ mechanism aims to reduce greenhouse gas emissions and improve local livelihoods

FAMILY **PLANNING**



Around 225 million women who want to avoid pregnancy are not using effective contraception. Access to family planning could cut maternal deaths by almost 30% and improve food security

CITY **PLANNING**



Planning healthy and sustainable cities can increase resilience to environmental change, reduce environmental impacts and improve people's health

Read the full series at http://www.thelancet.com/commissions/planetary-health

SOURCES

- 1. http://data.unicef.org/child-survival/under-five
- 2. OECD, http://www.oecd.org/env/indicators-modelling-outlooks/49844953.pdf
- 3. Original source reference in: Watts N, Adger WN, Agnolucci P, et al. Health and climate change: policy responses to protect public health. Lancet 2015; published online June 23. http://dx.doi.org/10.1016/S0140-6736(15)60854-6

All other data is in: Whitmee S, Haines A, Beyrer C, et al. Safeguarding human health in the Anthropocene epoch: report of The Rockefeller Foundation-Lancet Commission on planetary health. Lancet 2015; published online July 16. http://dx.doi.org/10.1016/S0140-6736(15)60901-1



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