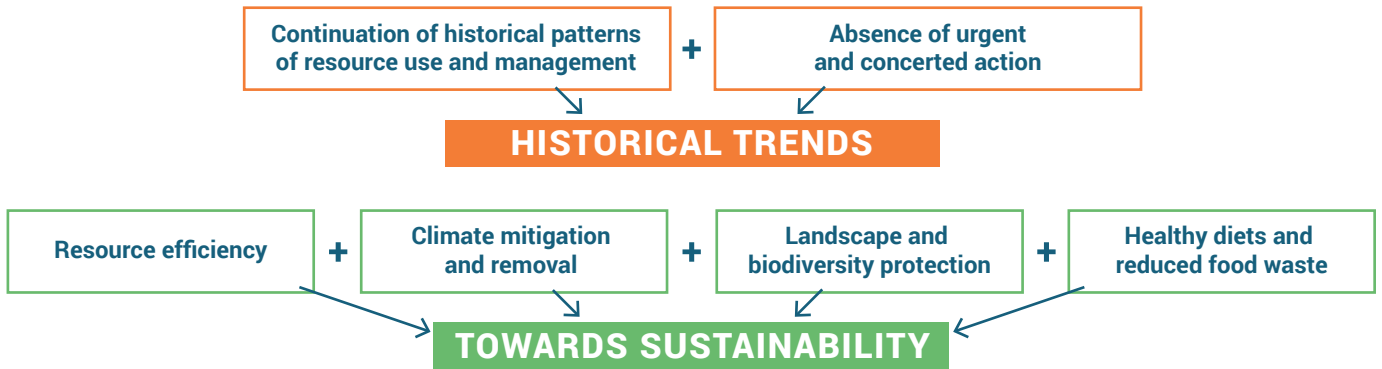
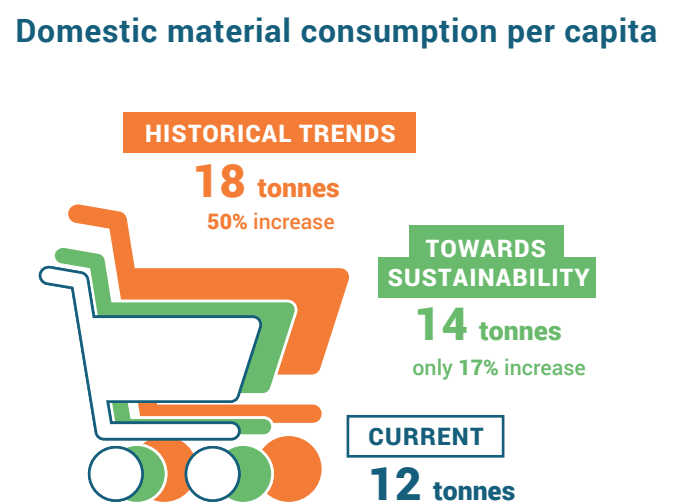
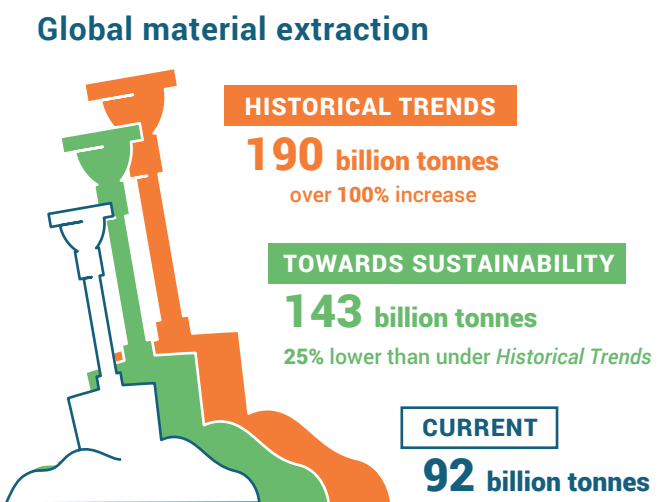
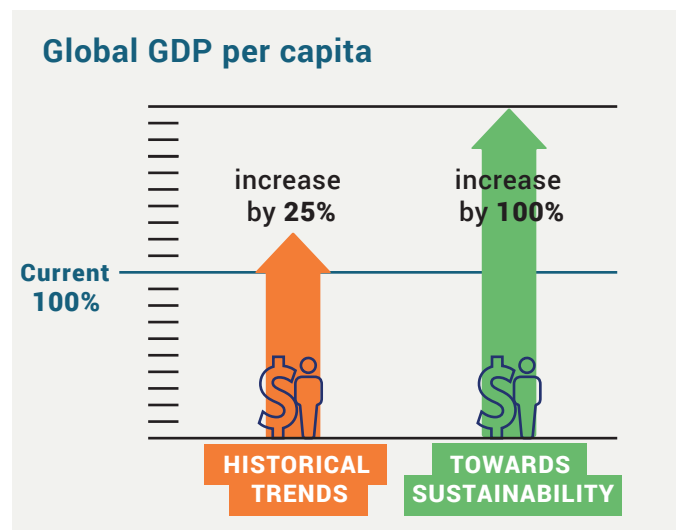
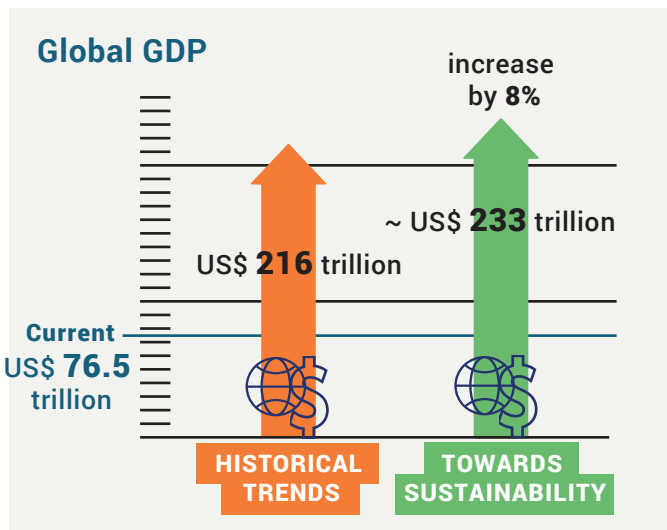


GLOBAL RESOURCES OUTLOOK 2019

Scenarios



The *Towards Sustainability* scenario shows that changes in policies and behaviors can achieve decoupling of natural resource use and environmental impacts from economic growth and human wellbeing.



The projections are based on the understanding that growth rates in emerging and other developing economies must be balanced by absolute reductions in resource use in developed countries.

Material extraction by resource type (2015-2060)

Million tonnes



Biomass



Fossil fuels



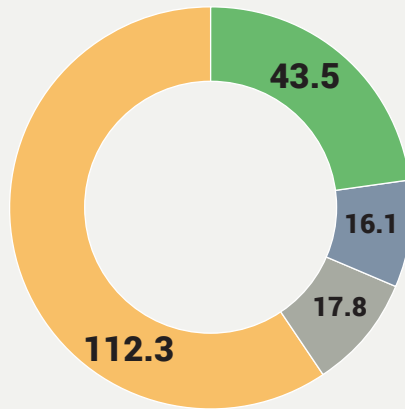
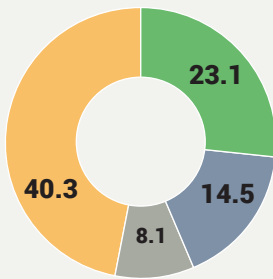
Metal



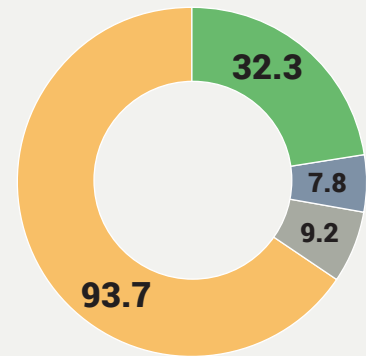
Non-metallic minerals

HISTORICAL TRENDS

CURRENT



TOWARDS SUSTAINABILITY



Global material productivity

HISTORICAL TRENDS 2060

1.14 USD
per kg of material use

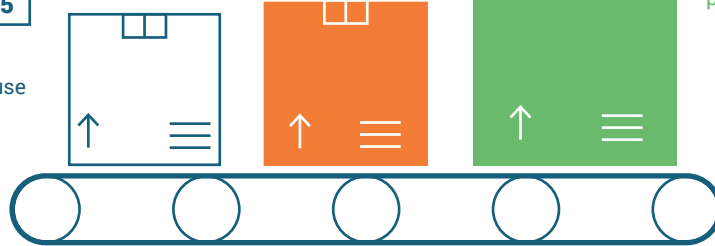
TOWARDS SUSTAINABILITY 2060

1.75 USD
per kg of material use

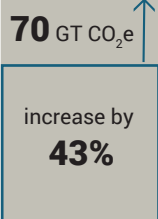
43% higher than
in *Historical Trends*

CURRENT 2015

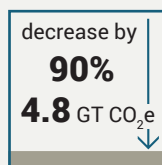
0.93 USD
per kg of material use



Greenhouse gas emissions



HISTORICAL TRENDS 2060



TOWARDS SUSTAINABILITY 2060

Global pasture land



HISTORICAL TRENDS



TOWARDS SUSTAINABILITY

Agricultural land

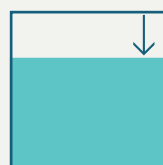


HISTORICAL TRENDS

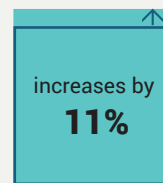


TOWARDS SUSTAINABILITY

Forests and Other habitat



HISTORICAL TRENDS



TOWARDS SUSTAINABILITY

13 million km² of forest loss prevented and 4.5 million km² restored