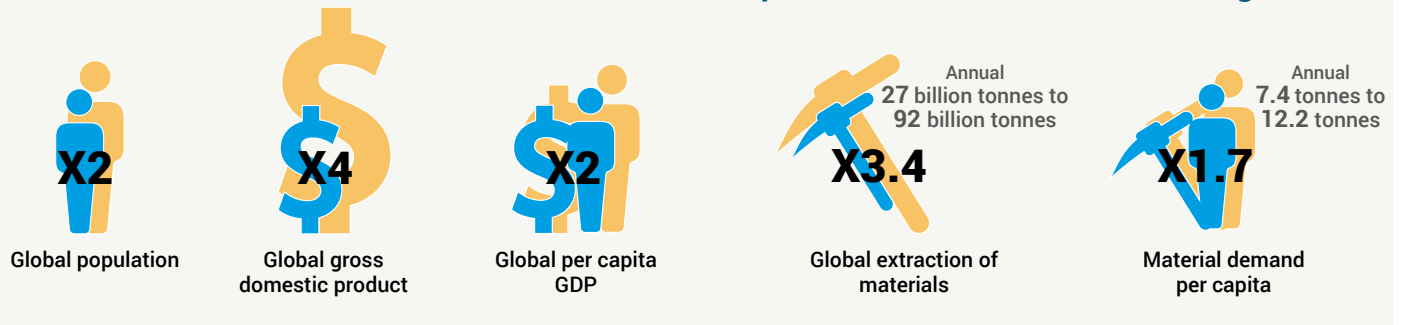


# GLOBAL RESOURCES OUTLOOK 2019

## Key messages

### 01. The use of natural resources has more than tripled from 1970 and continues to grow.

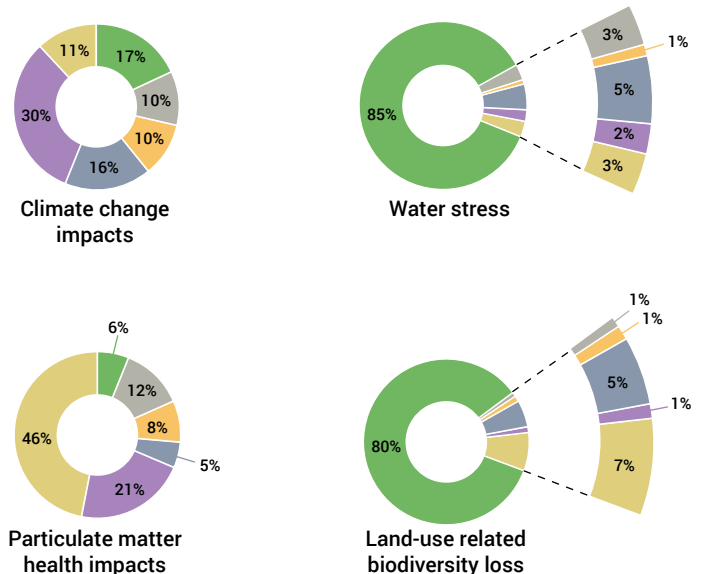


### 02. Historical and current patterns of natural resource use are resulting in increasingly negative impacts on the environment and human health.

The extraction and processing\* of materials, fuels and food make up about **half of total global greenhouse gas emissions** (not including climate impacts related to land use) and **more than 90 % of biodiversity loss and water stress**.

An estimated **11 % of global species were lost by 2010** due to global land use.

\* The focus is on resource extraction and processing up to "ready-to-use" materials and fuels (including waste disposal processes in the extraction and processing phase). This is also termed 'cradle-to-gate'.



### 03. The use of natural resources and the related benefits and environmental impacts are unevenly distributed across countries and regions.

The ratio of high-income countries' per capita GDP to low-income countries' per capita GDP doubled over the period as a whole, signalling rising income and wealth inequality among and within wealthy and poor economies.

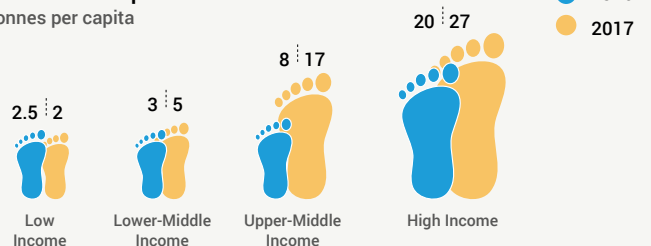
#### Domestic Material Consumption

tonnes per capita



#### Material Footprint

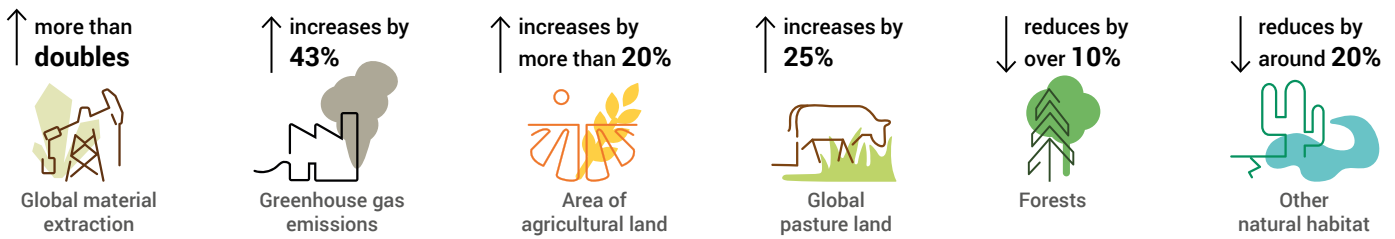
tonnes per capita



**Impacts** ▶ Per capita impacts of consumption in high-income countries are, depending on the impact category, between **three and six times larger** than those of low-income countries.

## 04. In the absence of urgent and concerted action, rapid growth and inefficient use of natural resources will continue to create unsustainable pressures on the environment.

From 2015 to 2060, *Historical Trends*:

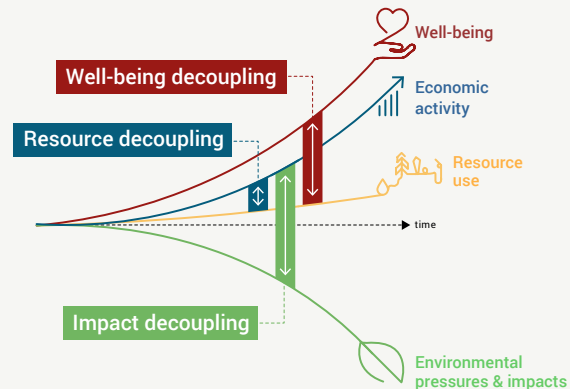


## 05. The decoupling of natural resource use and environmental impacts from economic activity and human well-being is an essential element in the transition to a sustainable future.

Absolute decoupling in high-income countries can lower average resource consumption, distribute prosperity equally and maintain a high quality of life.

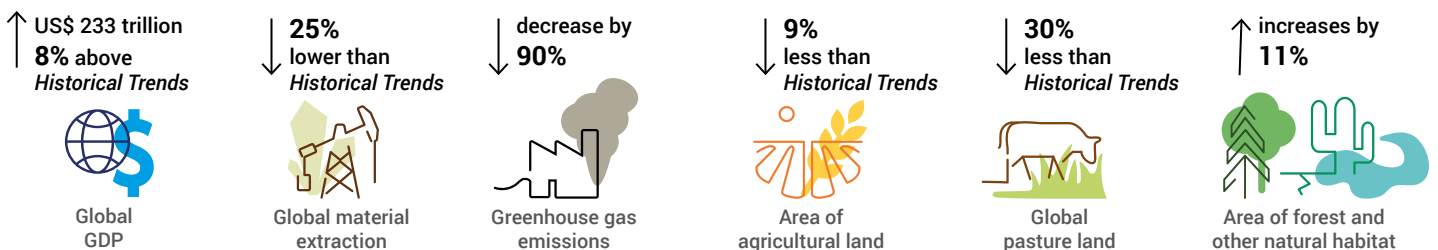
Relative decoupling in developing economies and economies in transition can raise average income levels and eliminate poverty, while still increasing levels of natural resource consumption until a socially acceptable quality of life is achieved.

Decoupling will not happen spontaneously, but will require well-designed and concerted policy packages.

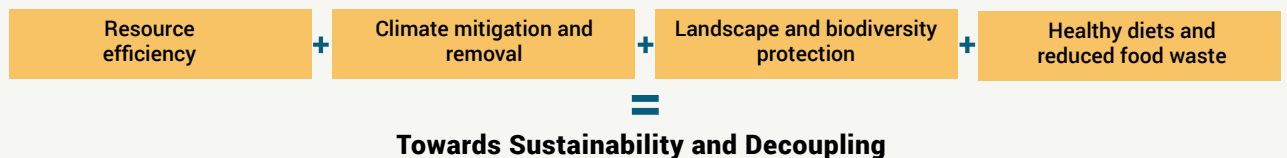


## 06. Achieving decoupling is possible and can deliver substantial social and environmental benefits, including repair of past environmental damage, while also supporting economic growth and human well-being.

Well-designed and concerted policy packages can lead to:



## 07. Policymakers and decision makers have tools at their disposal to advance worthwhile change, including transformational change at local, national and global scales.



## 08. International exchanges and cooperation can make important contributions to achieving systemic change.

International exchanges and cross-country cooperation can accelerate transitions towards sustainable natural resource use, support national decision-making and create a level playing field for goods and services from different countries.

These different aspects call for a global discussion.

