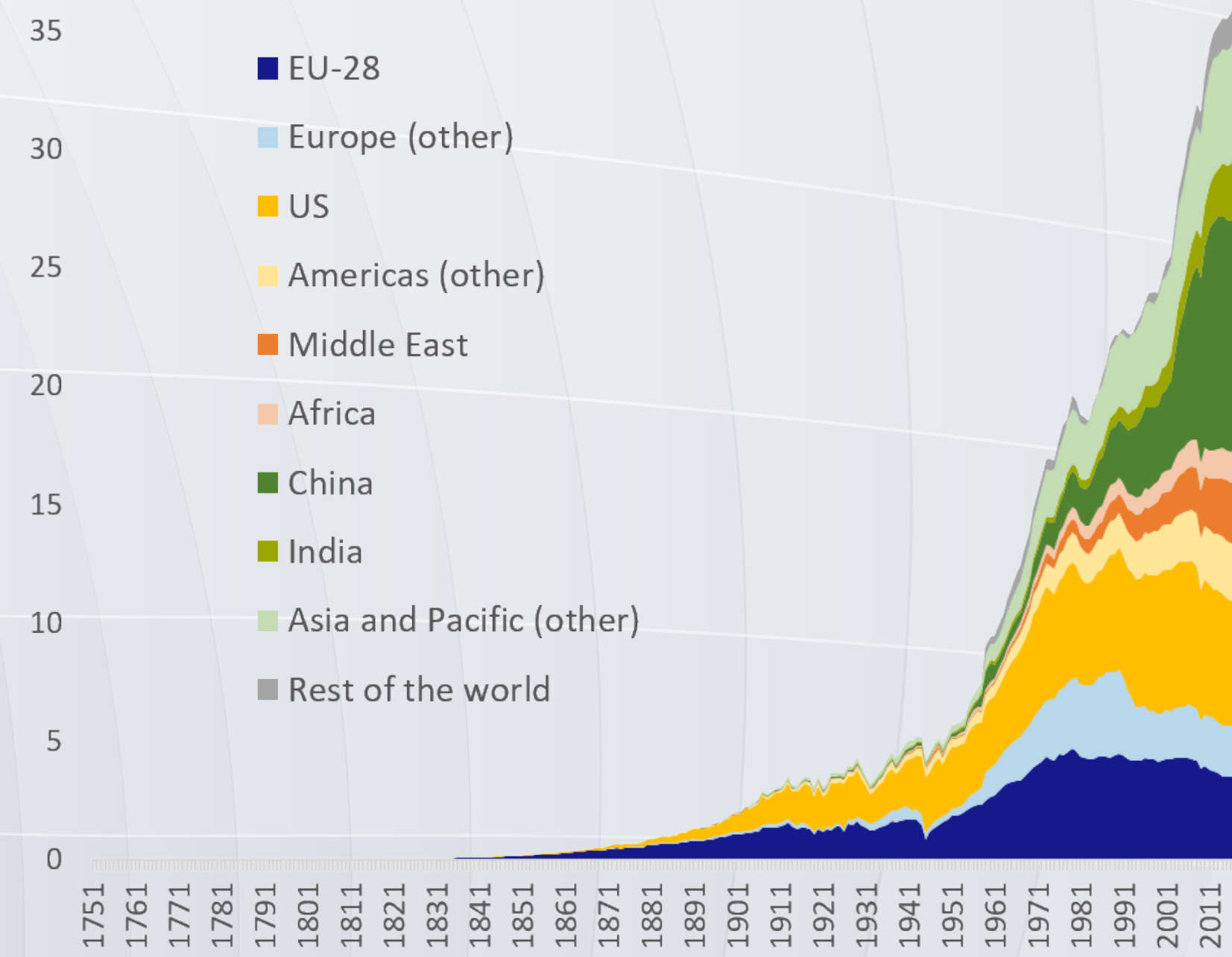


# THE GLOBAL RISKS REPORT 2020 (WEF)

Even though present society is going through an extraordinary process of transformation and economic growth, it is of the utmost importance to tackle climate change to ensure that such growth is sustainable

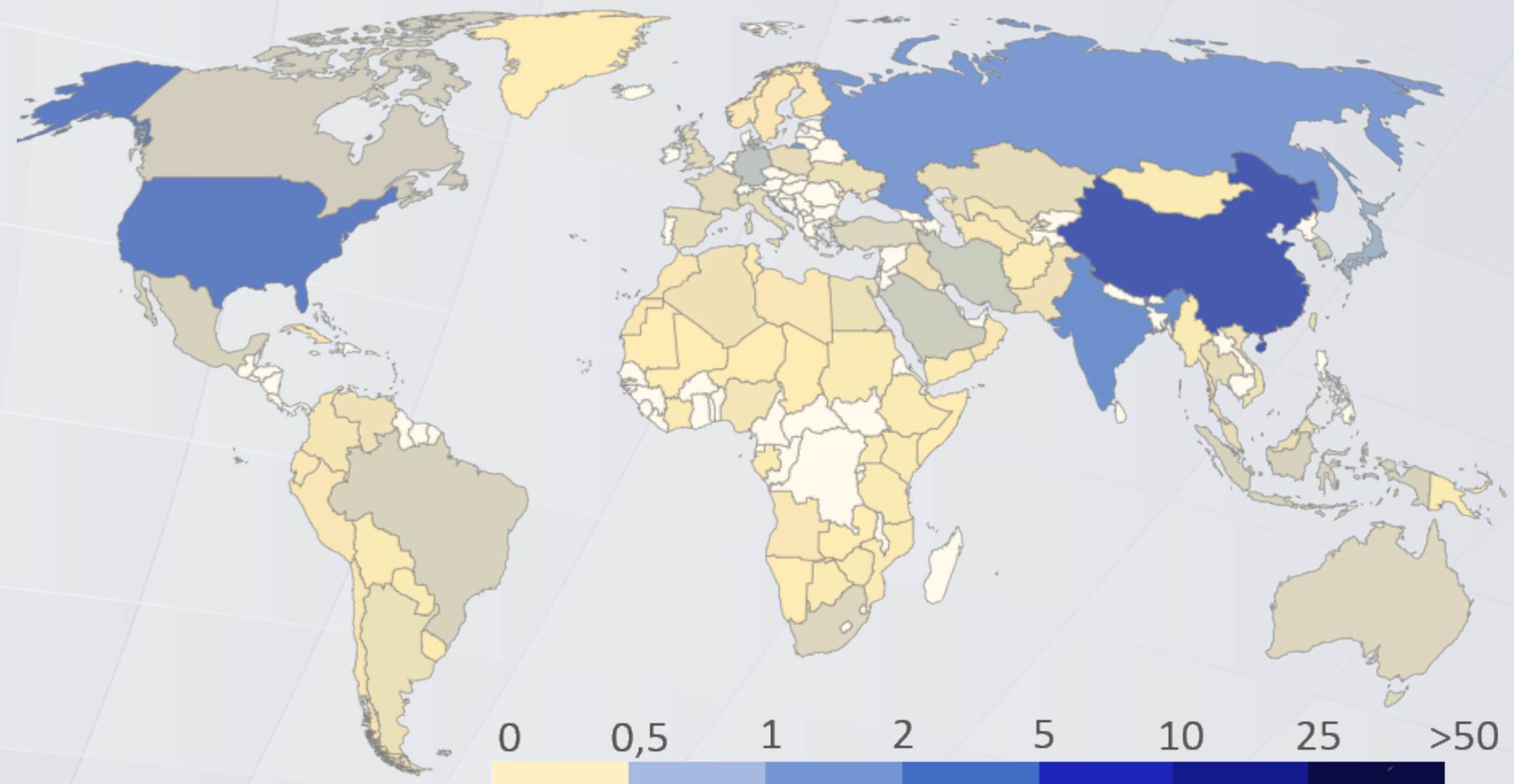
## Evolution of total CO2 emissions

Billions of metric tons



## Total annual CO2 emissions by country, 2017

% of the total

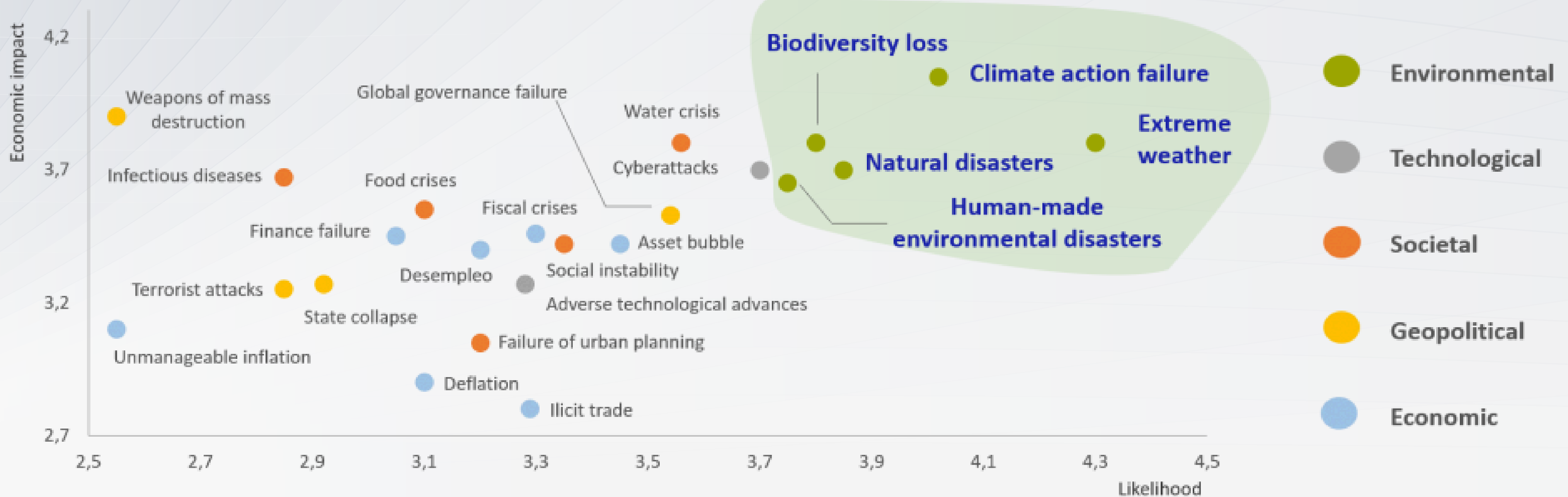


In the last 100 years, worldwide CO<sub>2</sub> emissions<sup>1</sup> have increased tenfold, with China and the US emitting the most

According to the *Global Risks Report 2020* (WEF), the major global risks over the course of the next ten years are mainly environmental, such as the progressive increase in temperatures and increased occurrence of natural disasters resulting from the impact of climate change

## Major global risks over the next 10 years (WEF)

On a scale of 1 to 5



These risks entail a significant social and economic cost and determine the future of our sustainable development

### Climate change

More than 200 companies estimate that over the next five years, climate change will account for a worldwide cost of more than

**1 trillion \$**

### Advanced economies

The annual cost for advanced economies to adopt measures to tackle climate change is to the tune of

**140 to 300 billion \$ annually**

### Natural disasters

In 2018, the cost of natural disasters amounted to

**165 billion \$**

**50%**  
of the costs were not insured

### Decline in productivity

Forecasts estimate a loss of 2.2% of total working hours worldwide due to rising temperatures

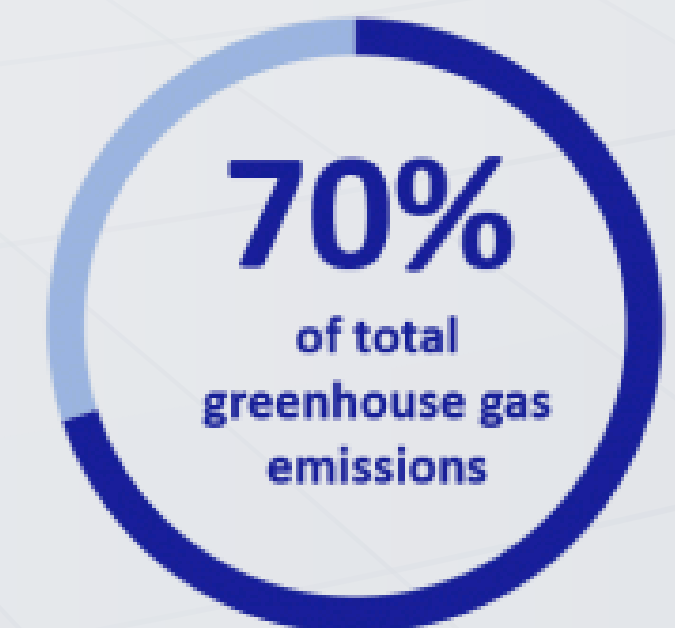
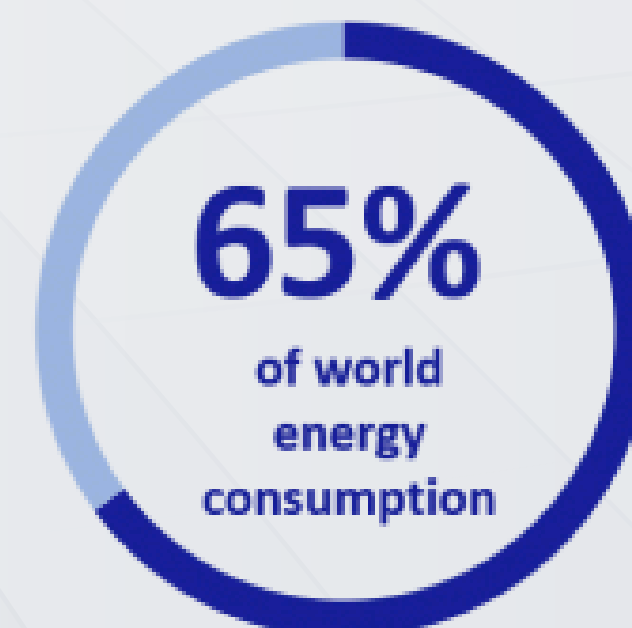


### Increase in urbanisation

In 2030, the land occupied by cities shall triple compared to the year 2000



Currently, cities account for...



Given the gravity of this issue, the European Union has in place an advanced regulatory and legislative framework that addresses decarbonisation and the increasing presence of renewable energy

## The 2030 climate & energy framework

- Reduce greenhouse gas emissions by **40%**
- Increase the share of renewables to **32%**
- Improve energy efficiency by **32.5%**

Green Deal → more ambitious goals for 2050

## Integrated National Energy and Climate Plan 2021-2030<sup>2</sup>

- Reduce greenhouse gas emissions by **21%**
- Increase the share of renewables to **42%**
- Improve energy efficiency by **39.6%**
- Achieve **74%** of electricity generation from renewables

+ Climate and environmental emergency declaration

Note: In December 2019, the European Commission presented the European Green Pact (*Green Deal*) that seeks to achieve a climate-neutral continent by 2050

<sup>1</sup> Currently, CO<sub>2</sub> represents about 80% of the total greenhouse gas emissions

<sup>2</sup> Draft submitted in February 2019 pending final approval

Source: *Círculo de Empresarios* based on CDIAC, ONU and World Economic Forum, 2020



CÍRCULO DE EMPRESARIOS  
ideas for growth