



**7TH PAN-EUROPEAN  
ENVIRONMENTAL  
ASSESSMENT**

**Climate Change**

# Drivers

**Use of fossil fuels**

## **Climate change**

In 2018, 89% of global CO2 emissions came from fossil fuels and industry. *The Intergovernmental Panel on Climate Change*

**Decarbonization**

## **Technology**

Development of climate policy could certainly be seen as a driver of innovation and technology change on the path to decarbonization

## **Climate change**

Climate change has become an independent driver of environmental change and poses a serious challenge to future economic development.

## **Economic development**

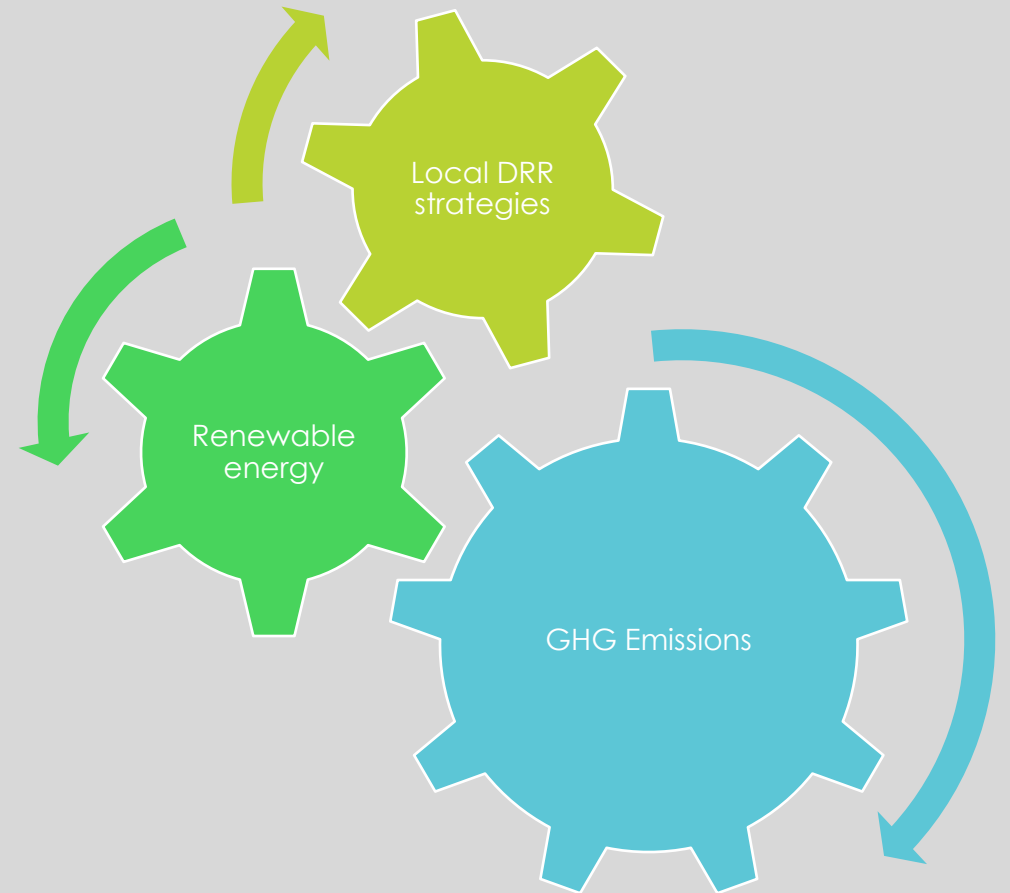
## **Climate hazard**

Increased awareness of the climate-related hazards, as well as the amplified frequency of extreme weather conditions, create greater needs for more sustainable infrastructure patterns.

## **Sustainable infrastructure**

# Indicators

- Net GHG emissions
- Renewable energy share in the total energy consumption (%)
- Proportion of local governments that adopt and implement local disaster risk reduction (DRR) strategies in line with national disaster risk reduction strategies (%)



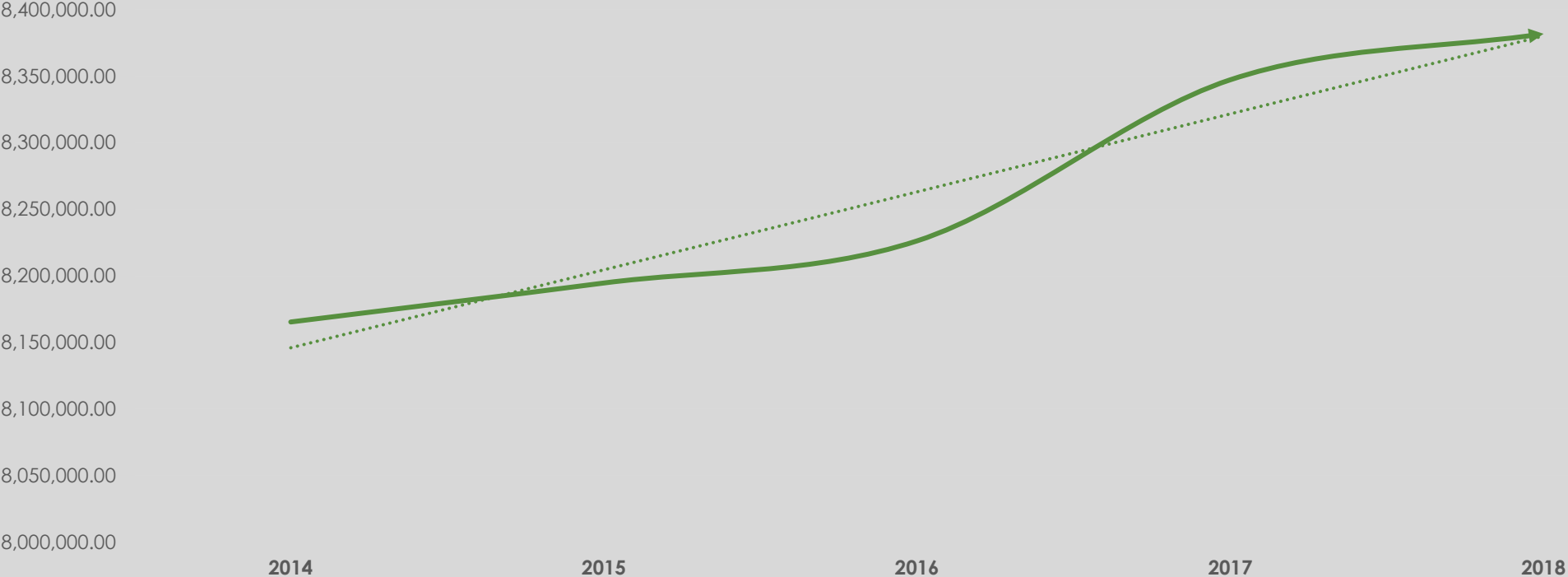
# Key messages



- Net GHG emissions in the region are **still rising**
- Efforts and achievements are unevenly distributed throughout the region
- National commitments under the Paris Agreement were renewed by **35 countries**

# GHG emissions in the pan-European region

GHG emissions 2014-2018



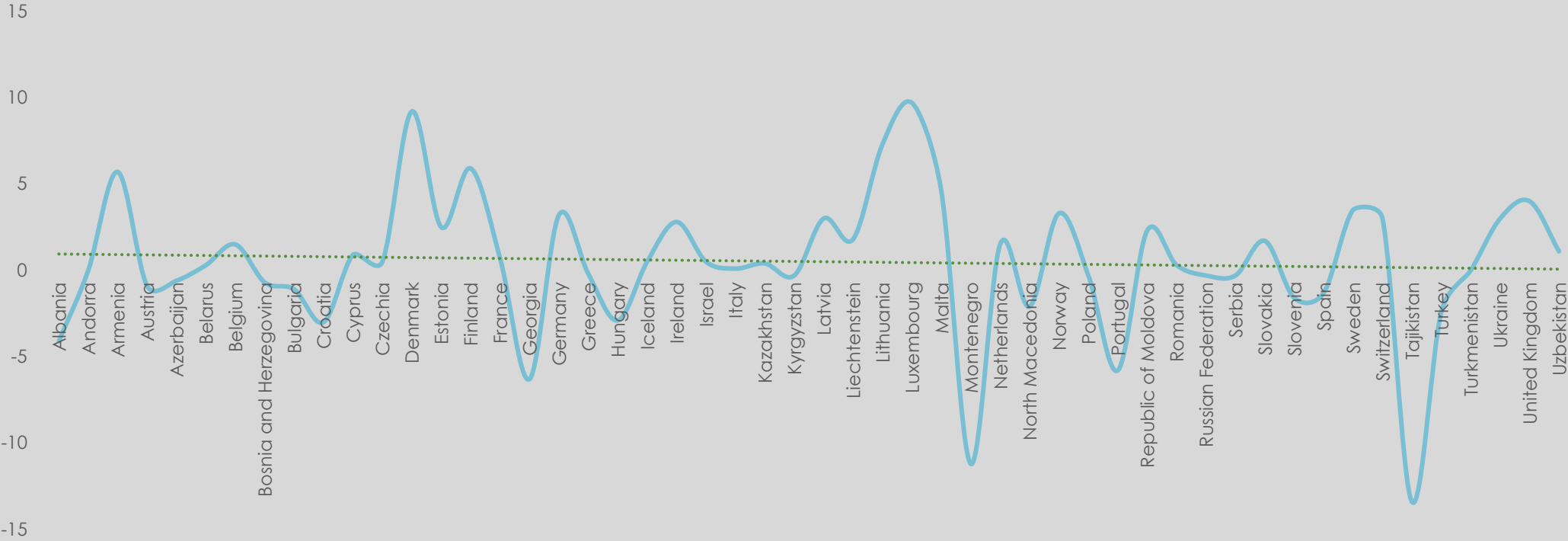
## Key messages (2)

- The use of renewables was increased in **29 countries**
- The region still largely relies on fossil fuels
- **Only 15 countries** in the region reported that all of their local authorities are implementing DRR strategies

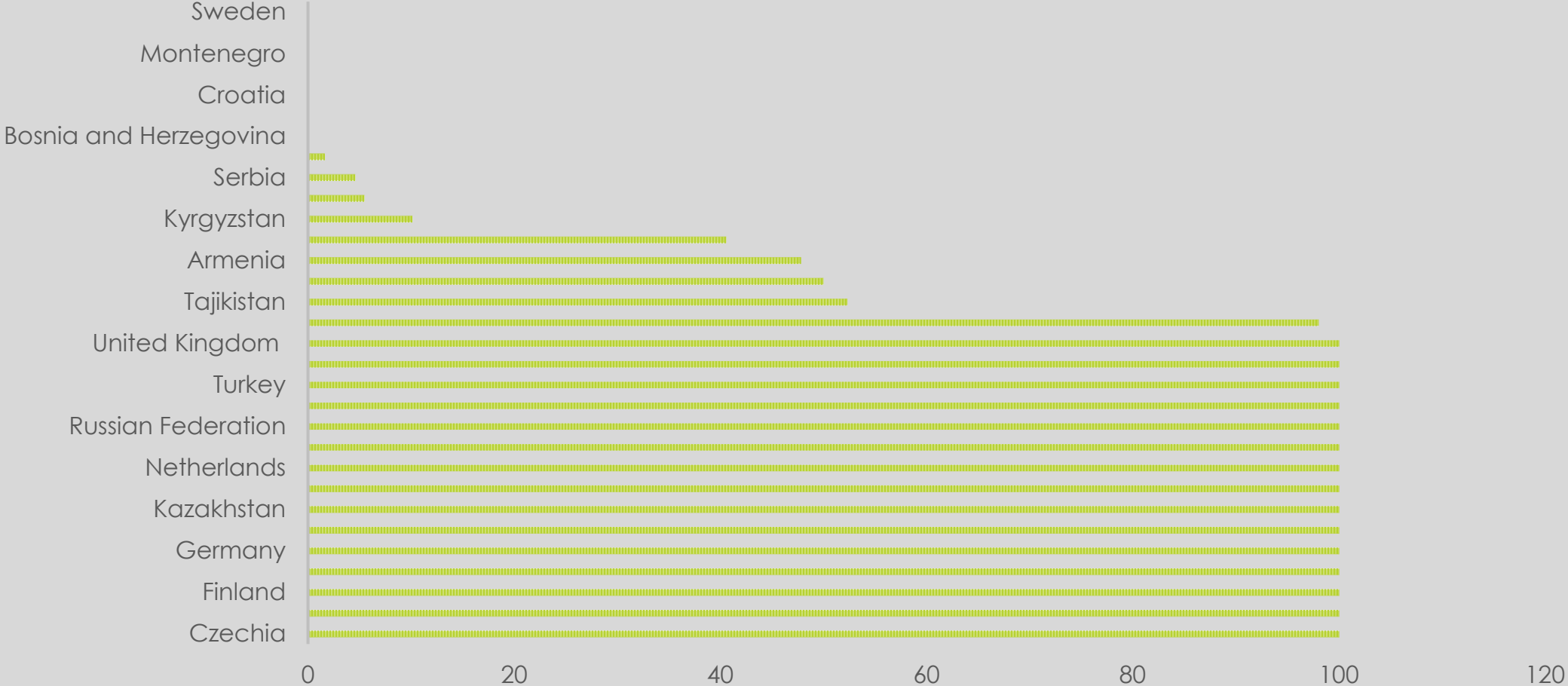


# Renewable energy share in the total energy consumption (trend)

Trends in renewable energy proportion 2013 - 2017



# Proportion of local governments that adopt and implement local DRR strategies





# Data availability



GHG EMISSIONS  
ANNEX I PARTIES  
NON-ANNEX I PARTIES



DIFFERENT SOURCES – DIFFERENT DATA  
UN STATISTICS, EU STATISTICS, NATIONAL  
STATISTICS, SDG DATA



SDG DATA – SENDAI FRAMEWORK



THANK YOU

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