

Climate Change in Belgium



Belgium as a Country

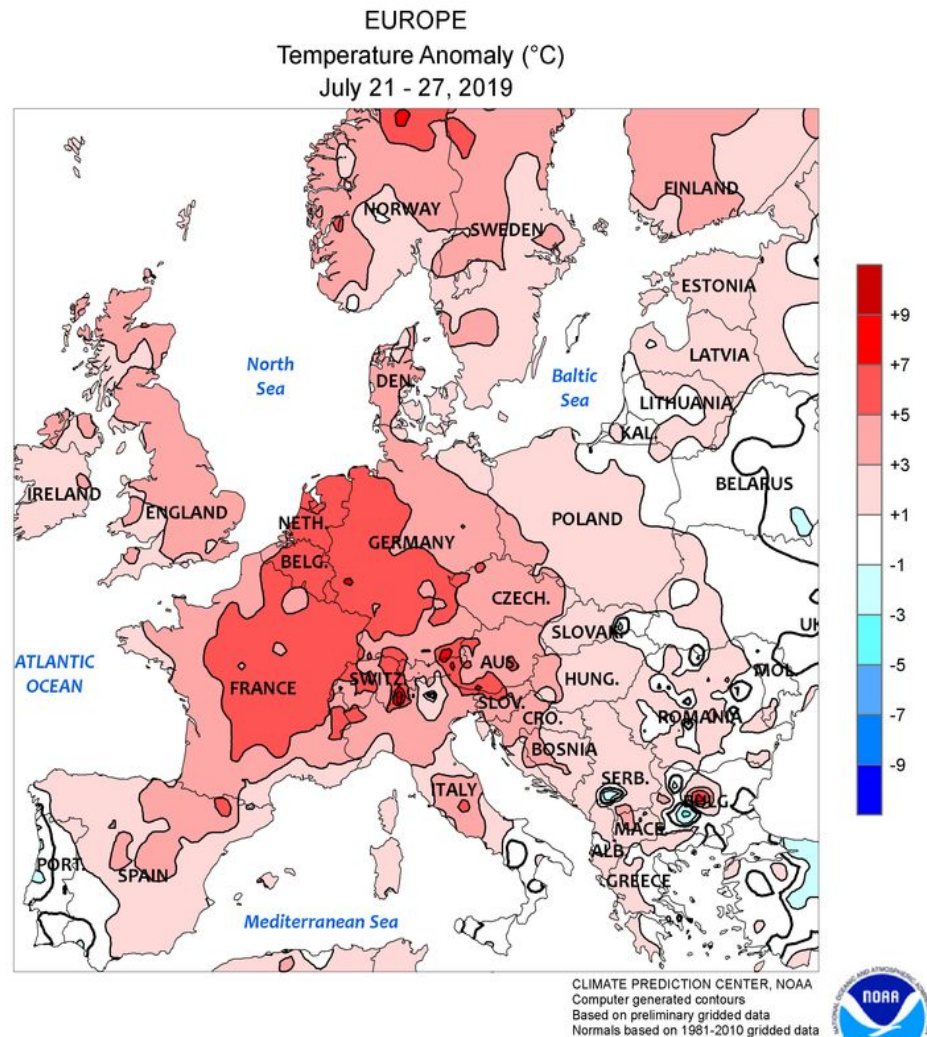
The small but beautiful country of Belgium is located in Western Europe. The three main spoken languages in Belgium are **Dutch, German and French.**



2019 Heat Wave

The 2019 European heat wave affected Belgium heavily, and set all time high temperatures in Belgium with temperatures **over 40 degrees Celsius**.

In the anomaly to the right you can see how many degrees the temperature in Belgium increased from its standard, normal temperature during the heatwave.



2021 Flash Floods

Recent flooding in Belgium fueled by **climate change** has left the country **devastated**. Many **homes and cars** were swept down the streets of **Dinant**.

This is an **extreme change** from the recent drought.

<https://www.youtube.com/watch?v=RLpPA71c3FA>



Belgium Weather Monthly Temperature

The chart shows that the temperature during day time (red line), rises to 24C in day 25 then it goes down to 8C by day 10. This could show the extreme change in weather over only a few days.



How is Belgium contributing to climate change?

In recent reports, Belgium has been seen to have the **7th largest co2** emission **per capita in the EU**. This might be because of the large number of cars used in Belgium, having seen **5.88million on the roads in 2019**. There are also high amounts of pollution seen in the air, water and land due to industrial facilities.

<https://www.euronews.com/2021/10/02/belgian-coast-guard-plane-sniffs-out-high-levels-of-pollution-emitted-from-ships>

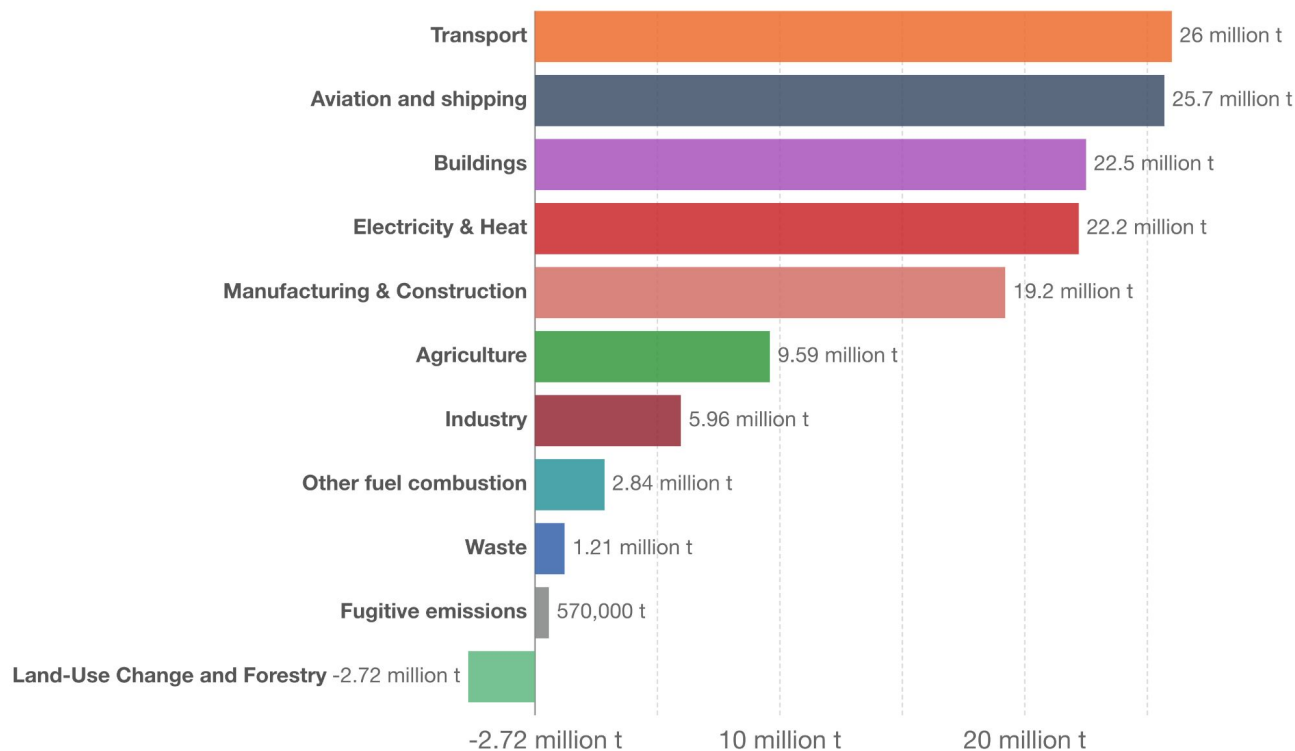


Greenhouse gas emissions by sector, Belgium

Greenhouse gas emissions are measured in tonnes of carbon dioxide-equivalents (CO₂e).

Our World
in Data

<https://ourworldindata.org/co2/country/belgium>



Source: CAIT Climate Data Explorer via. Climate Watch

OurWorldInData.org/co2-and-other-greenhouse-gas-emissions • CC BY

How does climate change affect Belgium?

Climate change could mean a lot of damage to **coastal towns in Belgium and even the big cities**. The main effects include

- **Flooding during storms**
- **Loss of wetlands**
- **Erosion**
- **Drought**

Climate change also increases **water salinisation** which has a **big effect on crops and land**.

