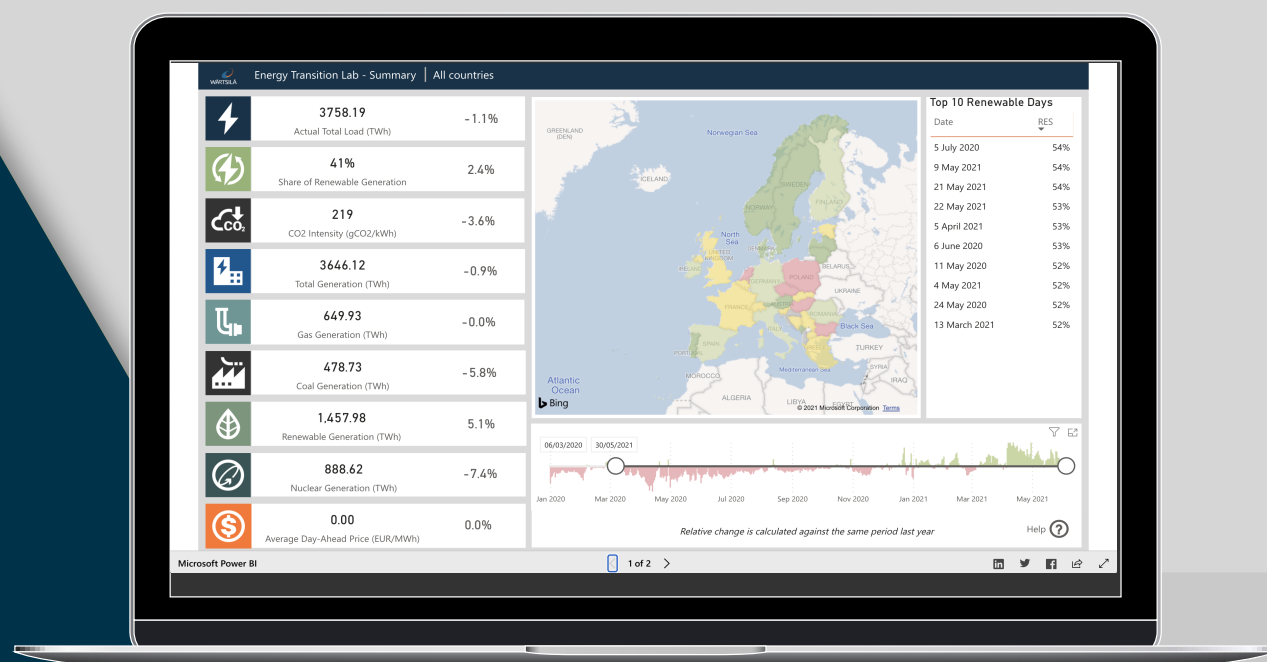


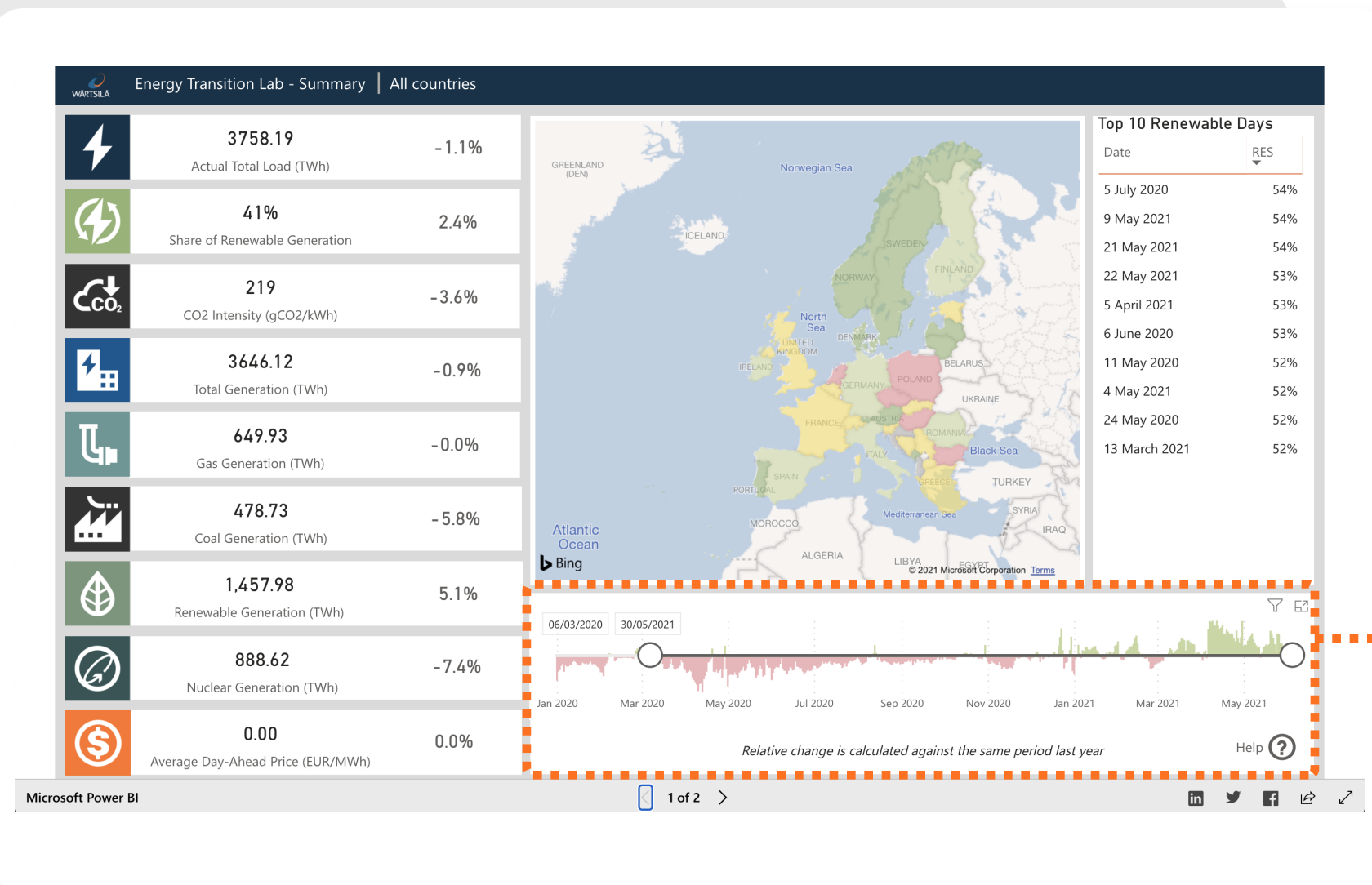
ENERGY TRANSITION LAB TOOL

USER GUIDELINES



ENERGY TRANSITION IN EUROPE

1.



Choose the time period you're interested in

Colours indicate whether the overall energy demand has

- Increased (green) or
- Decreased (red)

when compared to the same time period in the previous year.

Each country is coloured to indicate where the nation stands on its energy transition:

- 2223.46

-5.3%

Actual Total Load (TWh)

41%

4.8%

Share of Renewable Generation

220

-8.7%

CO2 Intensity (gCO2/kWh)

2168.58

-4.3%

Total Generation (TWh)

398.61

-7.2%

Gas Generation (TWh)

281.06

-16.2%

Coal Generation (TWh)

866.24

8.3%

Renewable Generation (TWh)

519.33

-13.0%

Nuclear Generation (TWh)

0.00

0.0%

Average Day-Ahead Price (EUR/MWh)

Top 10 Renewable Days

Date	RES
5 July 2020	54%
6 June 2020	53%
11 May 2020	52%
24 May 2020	52%
5 April 2020	52%
4 October 2020	52%
21 April 2020	51%
23 May 2020	51%
1 May 2020	51%
13 April 2020	51%

06/03/2020

10/12/2020

Jan 2020

Mar 2020

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

Mar 2021

May 2021

Relative change is calculated against the same period last year

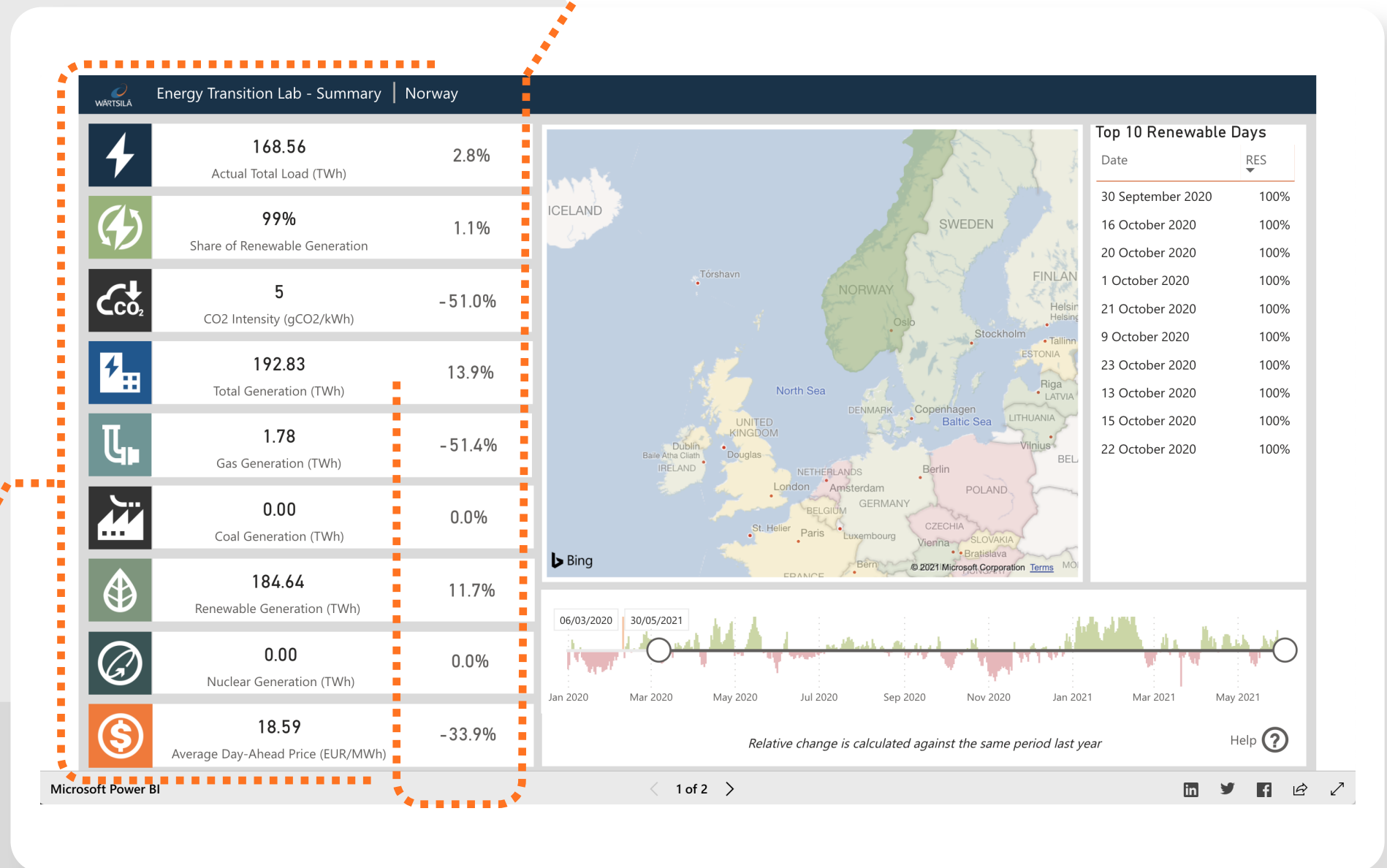
Help ?

ENERGY TRANSITION IN EUROPE

% Percentages indicate a yearly basis comparison.

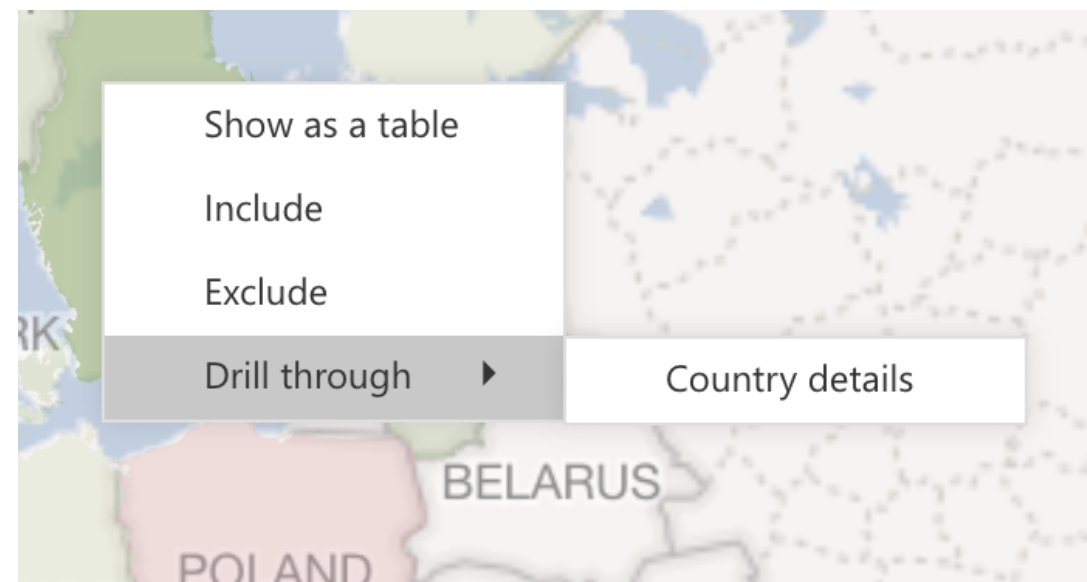
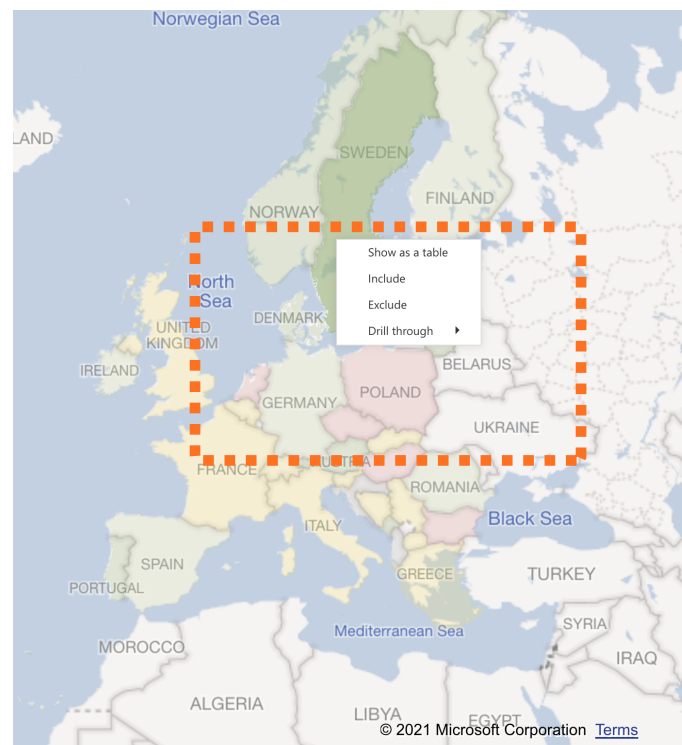
2.

Here you see the total energy demand, the total energy generation in Europe as well as the shares of different energy sources.



ENERGY TRANSITION ON A COUNTRY LEVEL

To analyse data on a country level, right-click the country, then select Drillthrough and Country details from the pop-up menu.

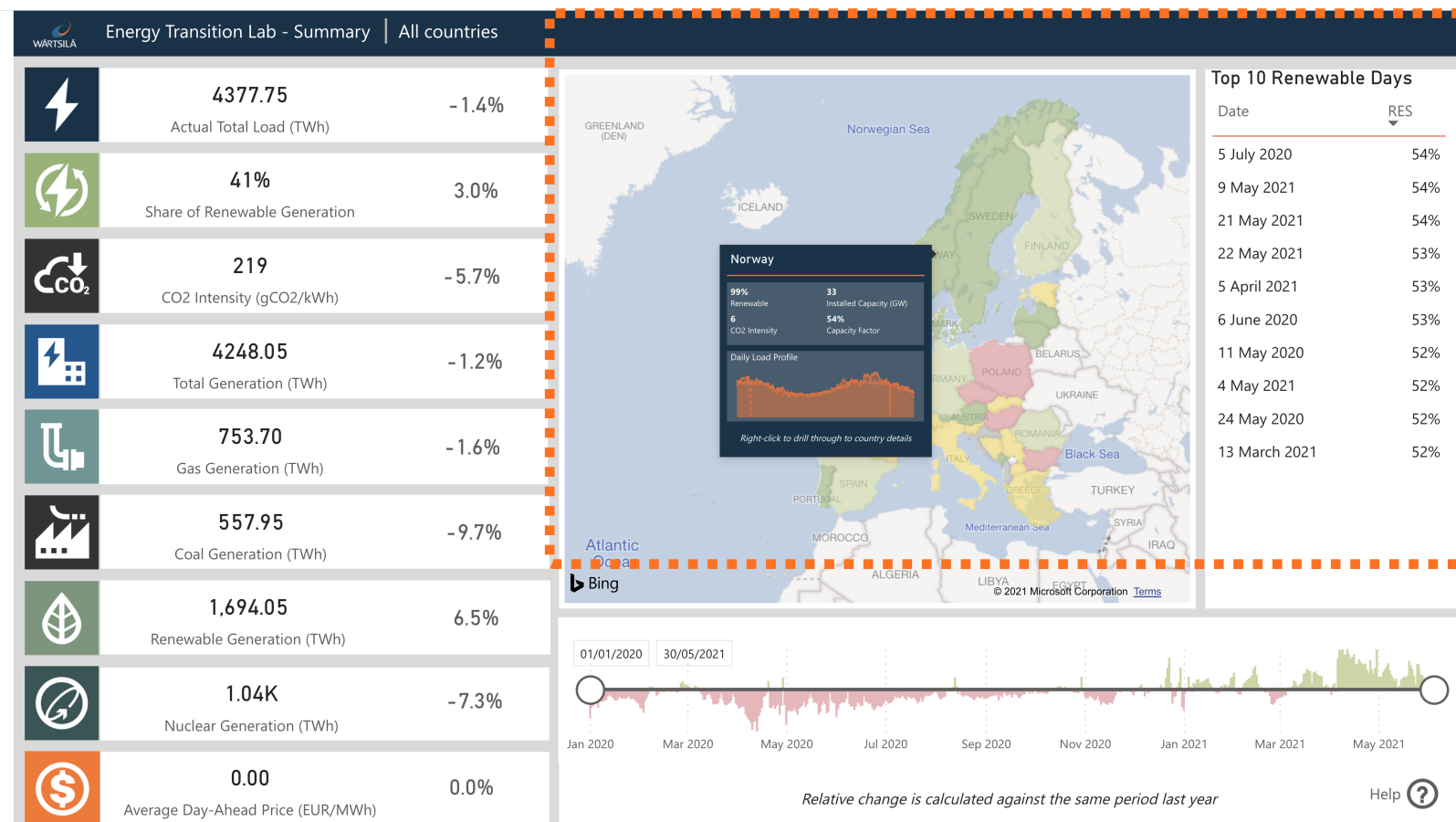


Note: if you instead left-click a country, you can also see country-level data but in much simpler format.

ENERGY TRANSITION ON A COUNTRY LEVEL



With left click on the countries you see the total energy demand, the total energy generation in Europe as well as the shares of different energy sources.

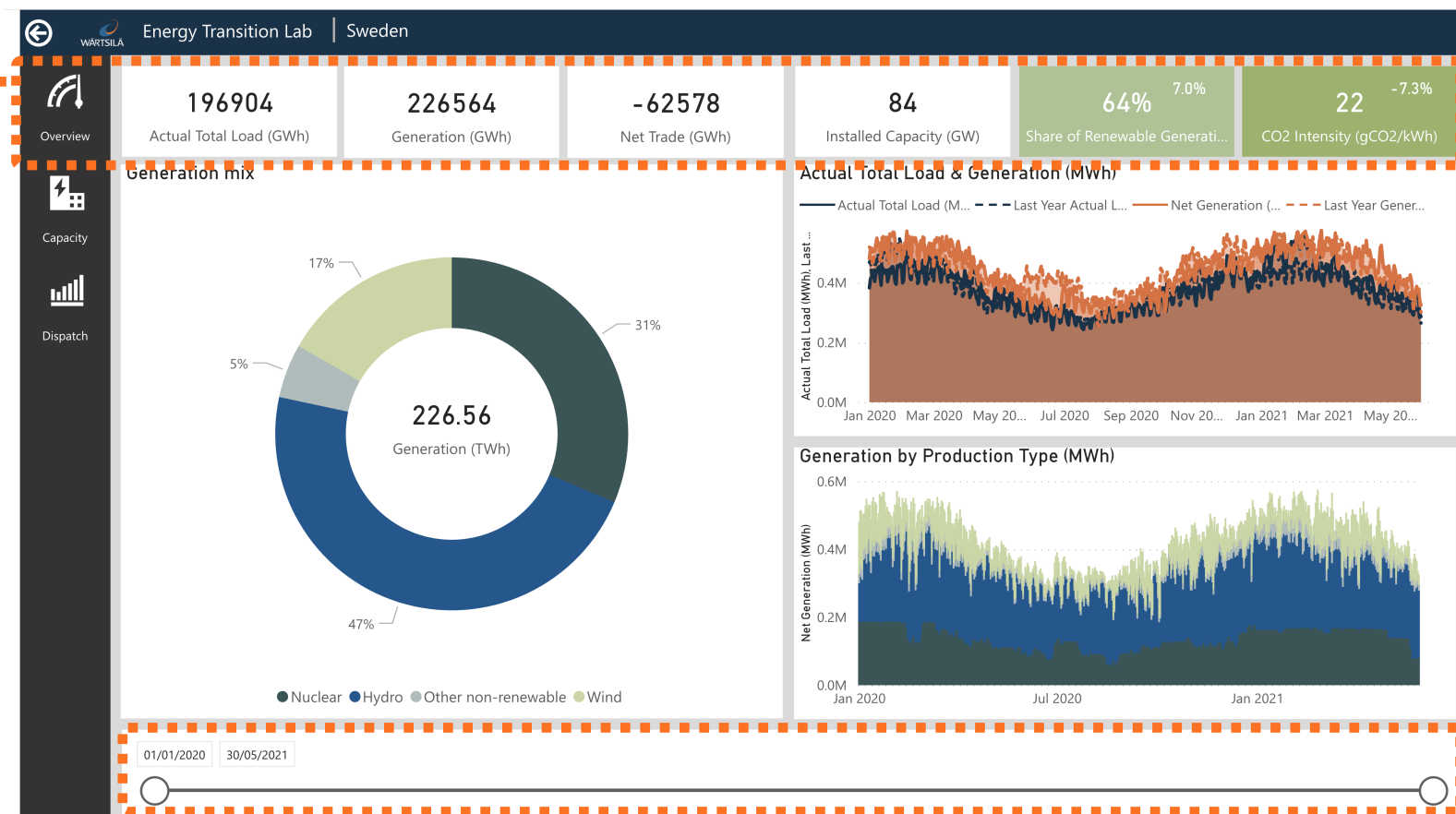


ENERGY TRANSITION ON A COUNTRY LEVEL

1.

In the **overview tab**, you see how a country's energy mix build up; what is the share of each energy source in the chosen time period.

Note: In the other tabs, you may dig deeper into a country's capacity and dispatch data.



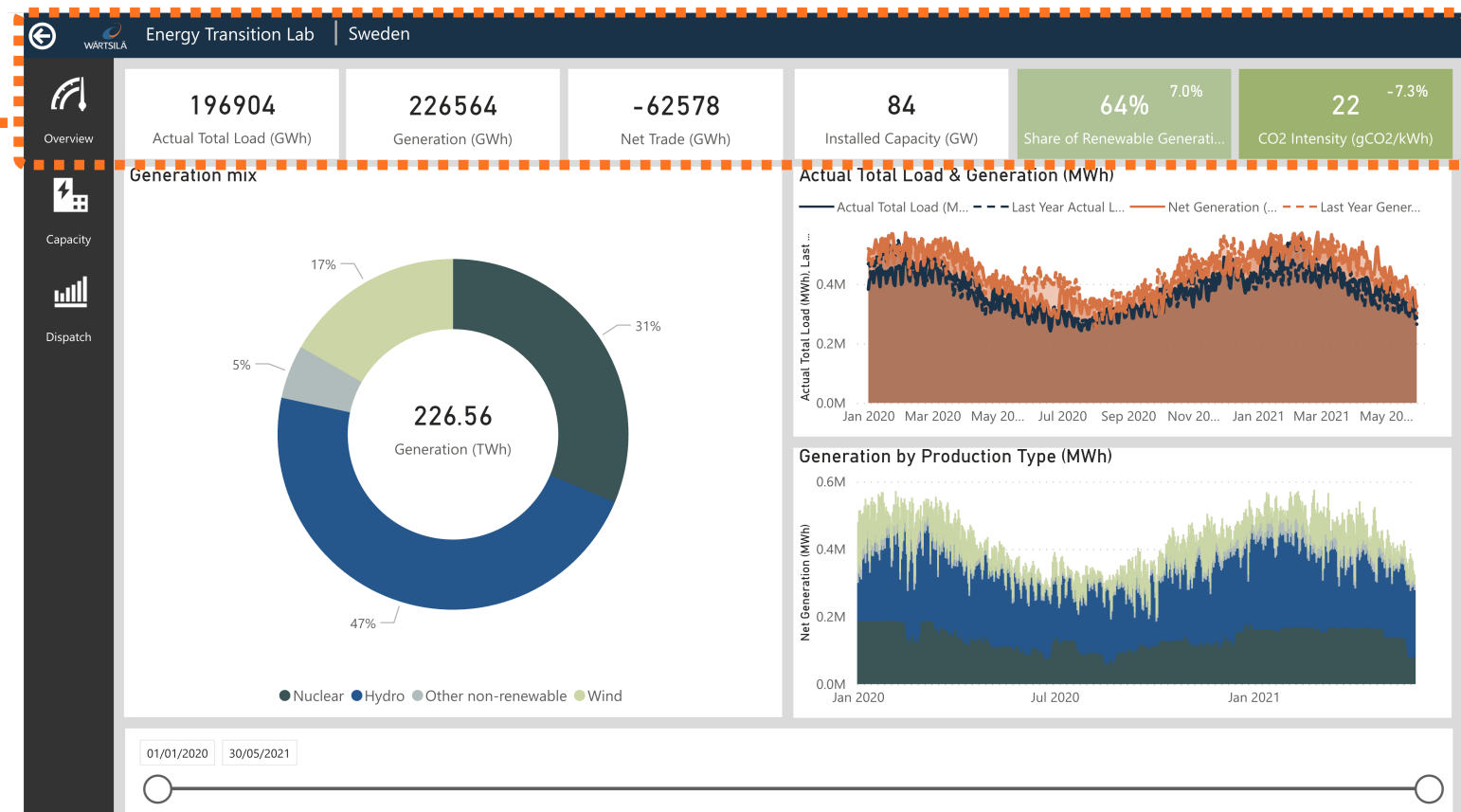
Choose the time period.

ENERGY TRANSITION ON A COUNTRY LEVEL

2.

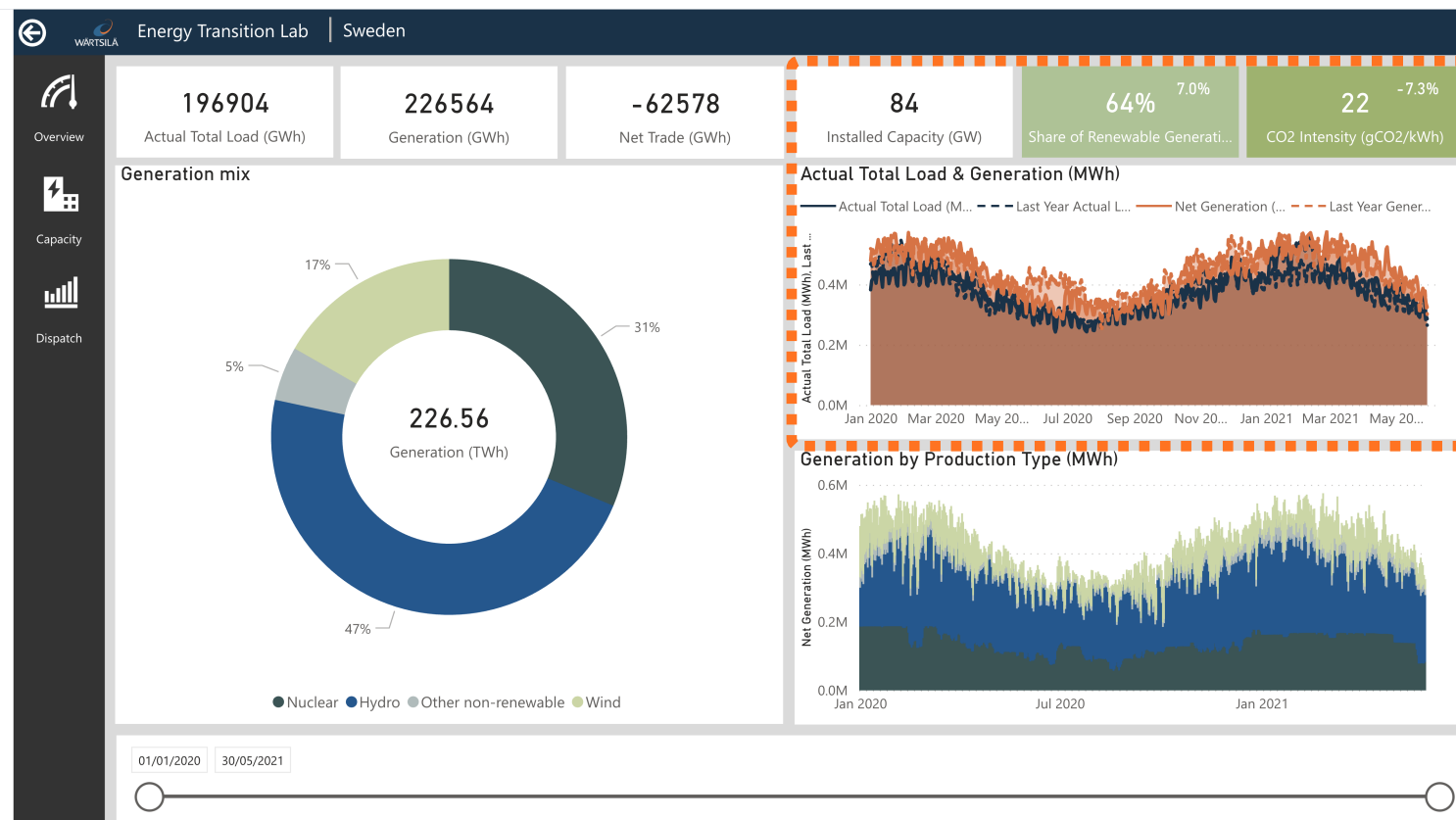
The top row shows the status of a country in the chosen time period: energy demand, energy generation, share of renewable energy generation and CO2 density.

Note: percentage here shows the change when compared to the previous year



ENERGY TRANSITION ON A COUNTRY LEVEL

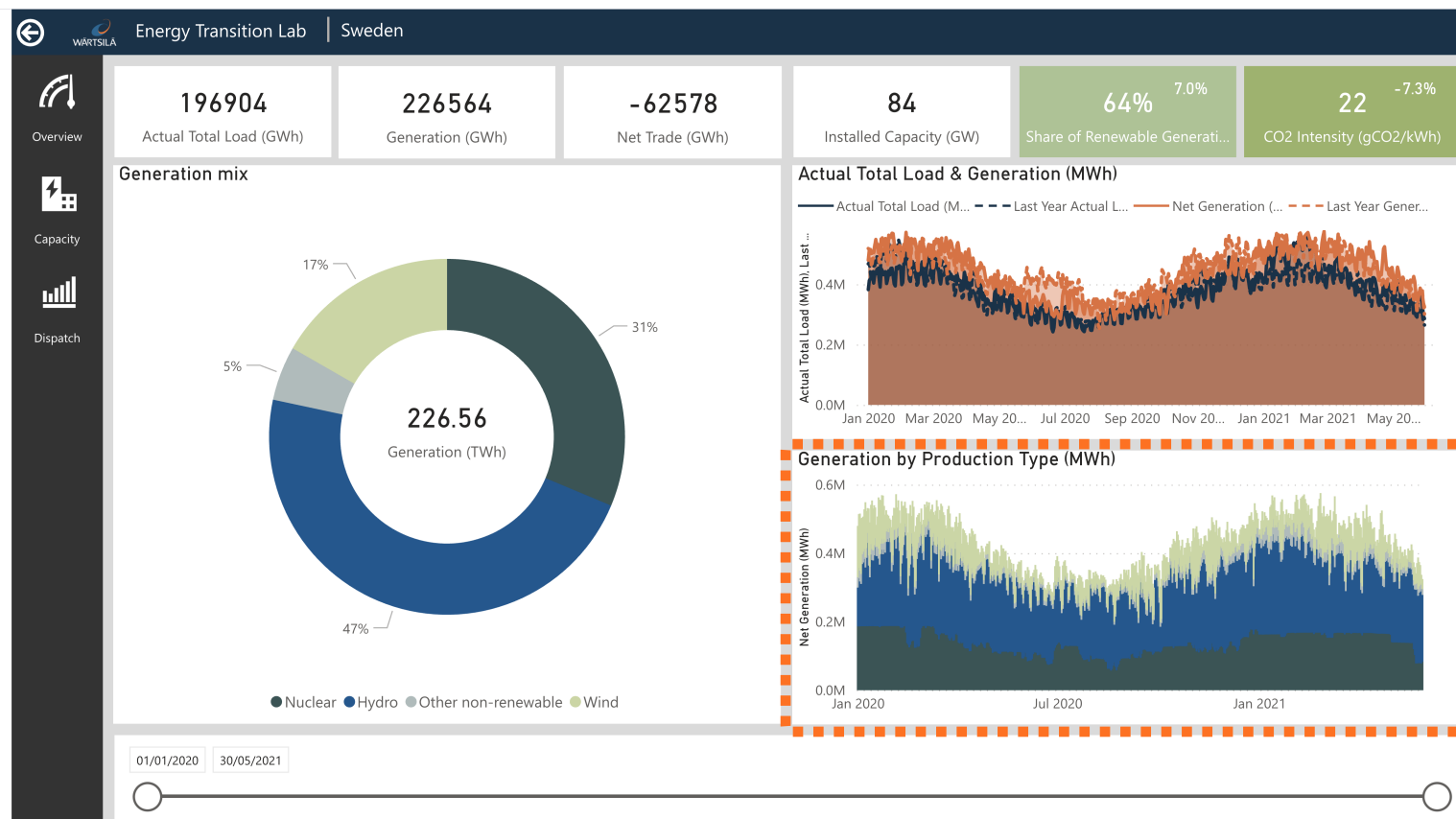
3.



You can check how the country's energy needs and generation has varied over the chosen time period, and compare them to the previous year numbers.

ENERGY TRANSITION ON A COUNTRY LEVEL

4.



These pillars show how the share of each energy source in the country's energy generation mix has varied over the chosen time period.