

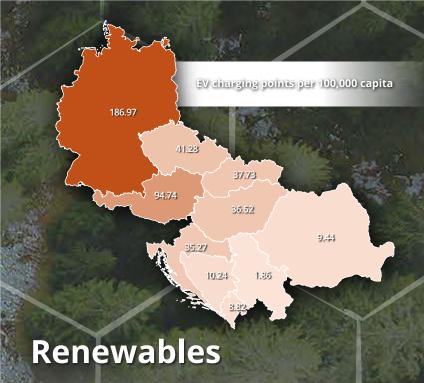


Energy mix

Electricity generation in the partner countries is vastly different. Czechia, Hungary, and the Slovak Republic operate their nuclear power plant, while Croatia co-owns the Krško Nuclear Power Plant with Slovenia which provides 15% of Croatia's electricity, however technically this source appears as imported electricity.

Another very important determining factor is the amount of hydropower each country can produce and it can greatly improve the efficiency of renewable production. Take for example Austria, where excess energy can be used to refill reservoirs in pumped storage power stations. Hydropower provides a significant portion of electricity in Austria, Montentegro, Bosnia and Herzegovina, Croatia, Romania, Serbia and the Slovak Republic.

Germany boasts the highest share of wind power in its energy mix by far, but this source proves to be very important in Austria, Croatia, Montenegro and Romania as well. The expansion of photovoltaic panels was very quick in Hungary, which reached the highest share of PV in their energy mix, followed by Germany and Austria.



There is an active expansion of renewables in the Danube Indeet project area and each countries adopted strategies according to their unique resources and policy environments.

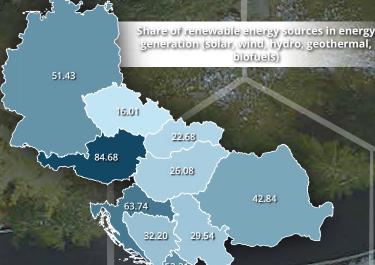
The share of modern renewables in the final energy consumption paints a different picture, where Montenegro, Austria, Bosnia and Herzegovina, Croatia, Serbia and Romania and take a definite lead.

Due to advancements in the development of RES capacities, some of the countries significantly lowered their specific emission (gCO₂/kWh).

EV chargers

Charging infrastructure for electric vehicles developes at different pace in the Danube Indeet partner countries. Joint efforts, such as the NEXT-E project co-financed by the European Union, are supporting creating a cohesive EV charging network across the Danube Region. The early stages of development focus on urban areas and the TEN-T core corridors.

To date there is only one vehicle-to-grid charger in operation in Bábolna, Hungary as part of a local energy community.











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