

DSOs united in diversity

Enablers of the energy transition



42.5% EU's Renewable Energy target by 2030¹
23% of RES in the EU in 2022²



70% RES to be connected to DSO grid by 2030

30M Electric Vehicles expected by 2030³
8.6M EVs on the EU roads in 2024⁴

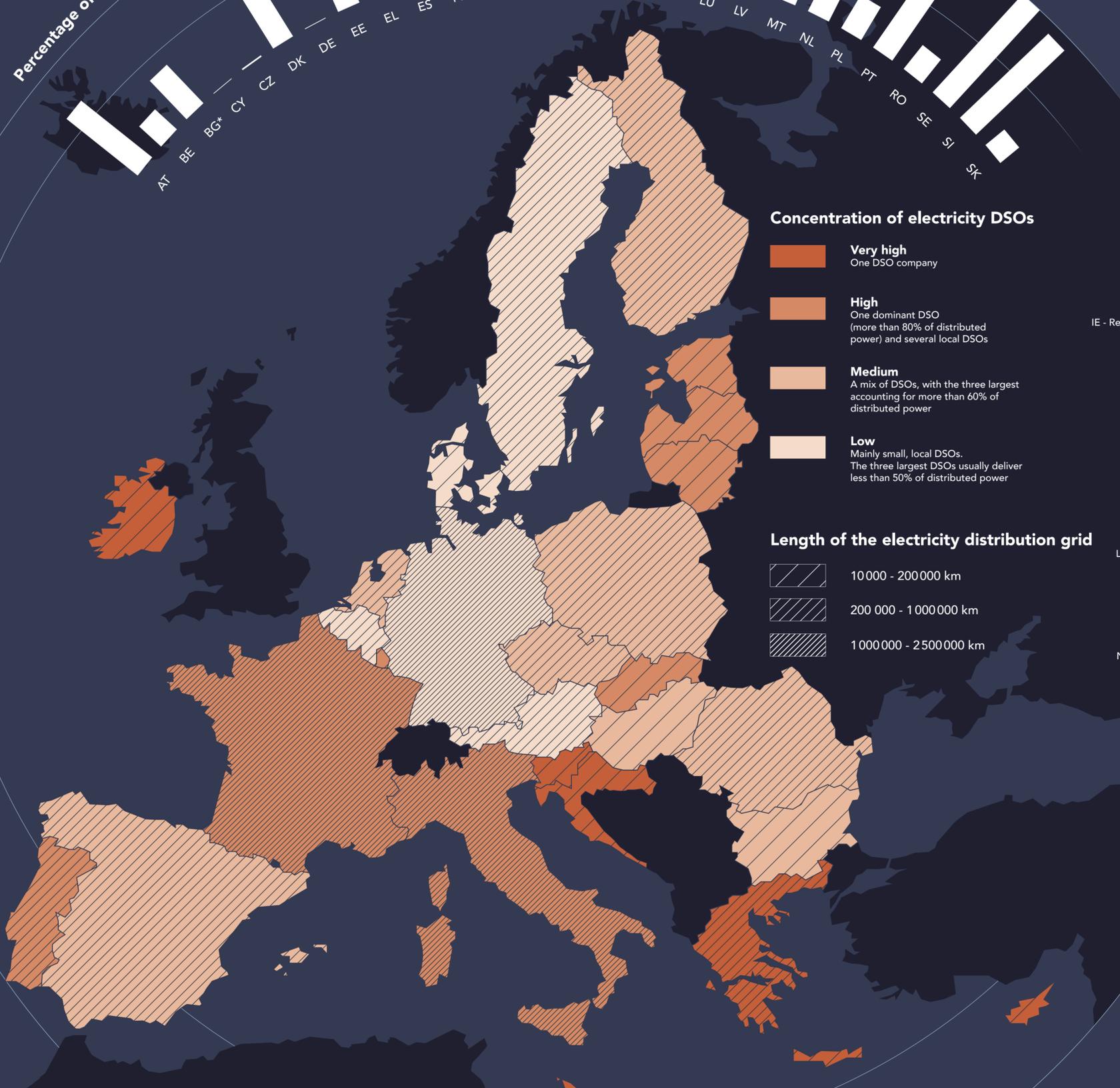
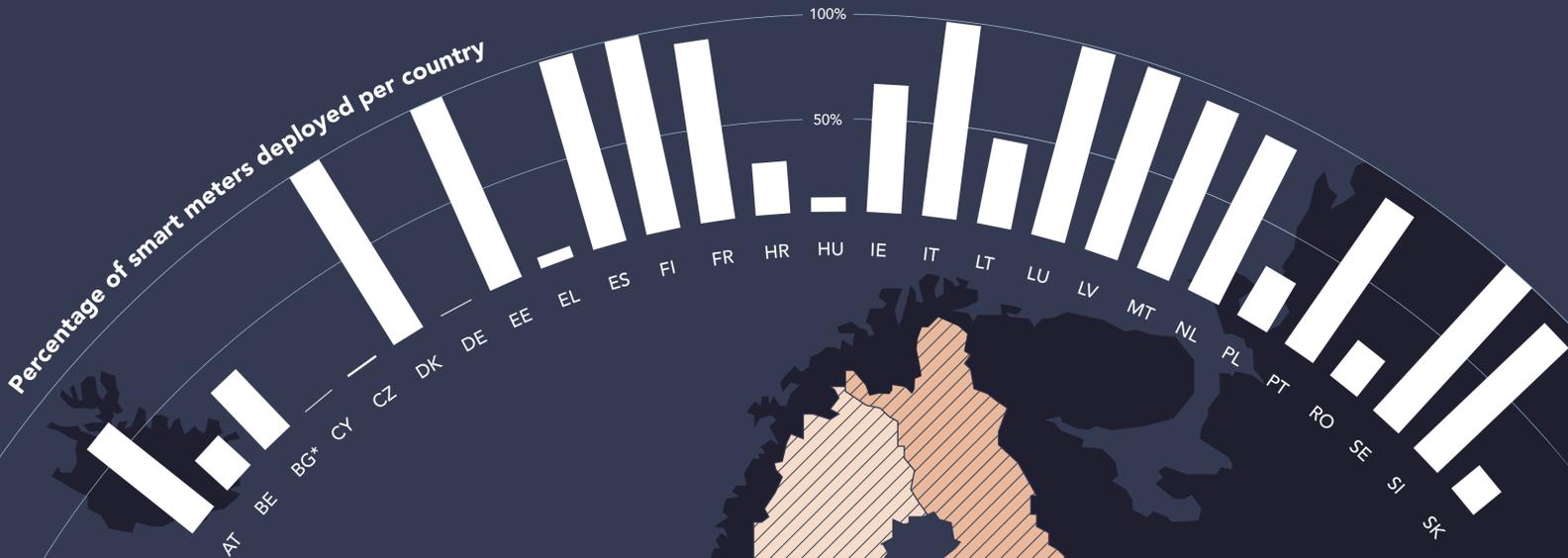


85% of the EV charging happening at home

+10M heat pumps expected by 2027⁵
19.7M heat pumps installed in 2022⁶



Most heat pumps to be connected to the DSO grid



Concentration of electricity DSOs

- Very high**
One DSO company
- High**
One dominant DSO (more than 80% of distributed power) and several local DSOs
- Medium**
A mix of DSOs, with the three largest accounting for more than 60% of distributed power
- Low**
Mainly small, local DSOs. The three largest DSOs usually deliver less than 50% of distributed power

Length of the electricity distribution grid

- 10 000 - 200 000 km
- 200 000 - 1 000 000 km
- 1 000 000 - 2 500 000 km

Country	Number of DSOs	1M connected customers
AT - Austria	124	4.9 M
BE - Belgium	16	6.3 M
BG - Bulgaria	4	4.5 M
CY - Cyprus	1	0.5 M
CZ - Czechia	252	6.2 M
DK - Denmark	38	3.2 M
DE - Germany	866	52.2 M
EE - Estonia	32	0.6 M
EL - Greece	1	7.7 M
ES - Spain	333	29.6 M
FI - Finland	77	3.8 M
FR - France	138	40.2 M
HR - Croatia	1	2.5 M
HU - Hungary	6	7.5 M
IE - Republic of Ireland	1	2.4 M
IT - Italy	123	37.1 M
LT - Lithuania	5	1.9 M
LU - Luxembourg	5	0.3 M
LV - Latvia	10	1.1 M
MT - Malta	1	0.3 M
NL - Netherlands	6	9.0 M
PL - Poland	231	19.1 M
PT - Portugal	13	6.5 M
RO - Romania	8	9.4 M
SE - Sweden	150	5.6 M
SI - Slovenia	1	0.8 M
SK - Slovakia	146	2.7 M