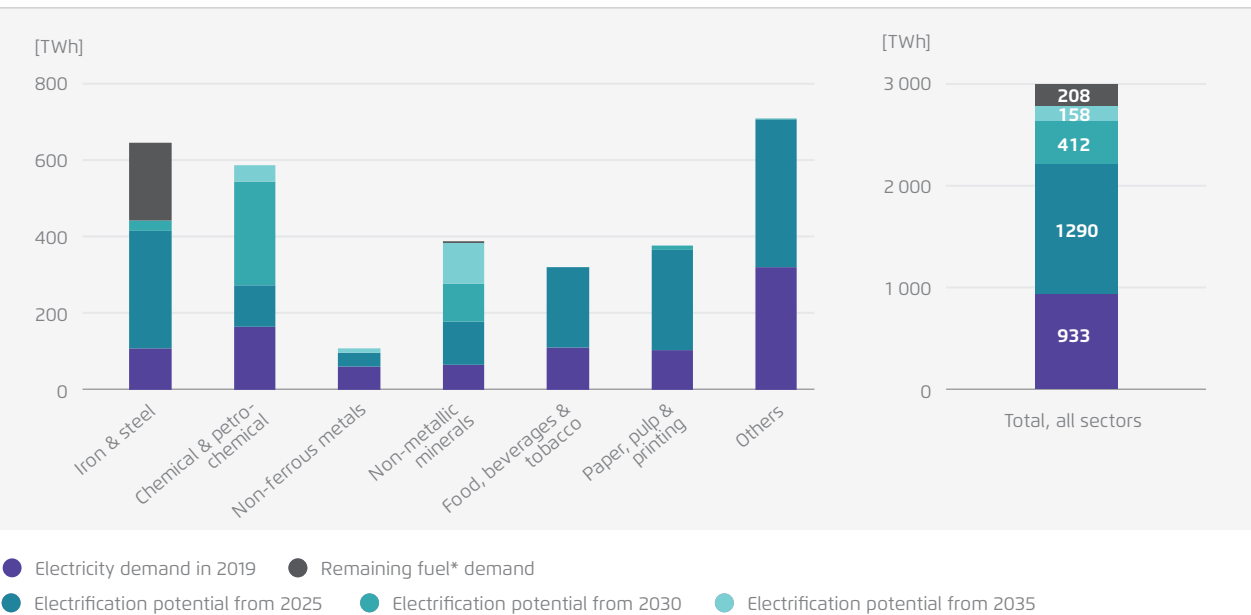


Technical potentials for direct electrification by industrial sector (left) and total (right) in the EU-27

→ Fig. 5



Agora Industry, Fraunhofer Institute for Systems and Innovation Research ISI (2024, forthcoming): *Direct electrification of industrial process heat*. Note: Based on 2019 Eurostat data. The estimated direct electrification potential is relative to the 2019 fuel-based energy demand and based on technologies expected to be available by 2025, 2030 and 2035 respectively. *Fuel covers fossil fuels, biomass and district heating. The avoided fuel demand is to be differentiated from the resulting electricity demand.