



## A country connected through fibre optics

Telefónica's landline network is a key enabler for digitisation. The progressive closure of copper plants since 2014 marks a definitive push towards technological modernisation: it improves the speed and efficiency of the service while reducing carbon footprint. Spain has thus become the first country to switch off its old copper network and bring fibre optics everywhere. This offers greater speed, stability, and bandwidth, with a significant reduction in latency and lower energy consumption. Thanks to the conduits used in the laying of the first underground copper cables, the replacement of copper with fibre optics has been possible without the need to dig new trenches. Nevertheless, the amount of copper removed – 350,000 tonnes of cable – is equivalent to 50 times the weight of the Eiffel Tower.

