

Circular Europe

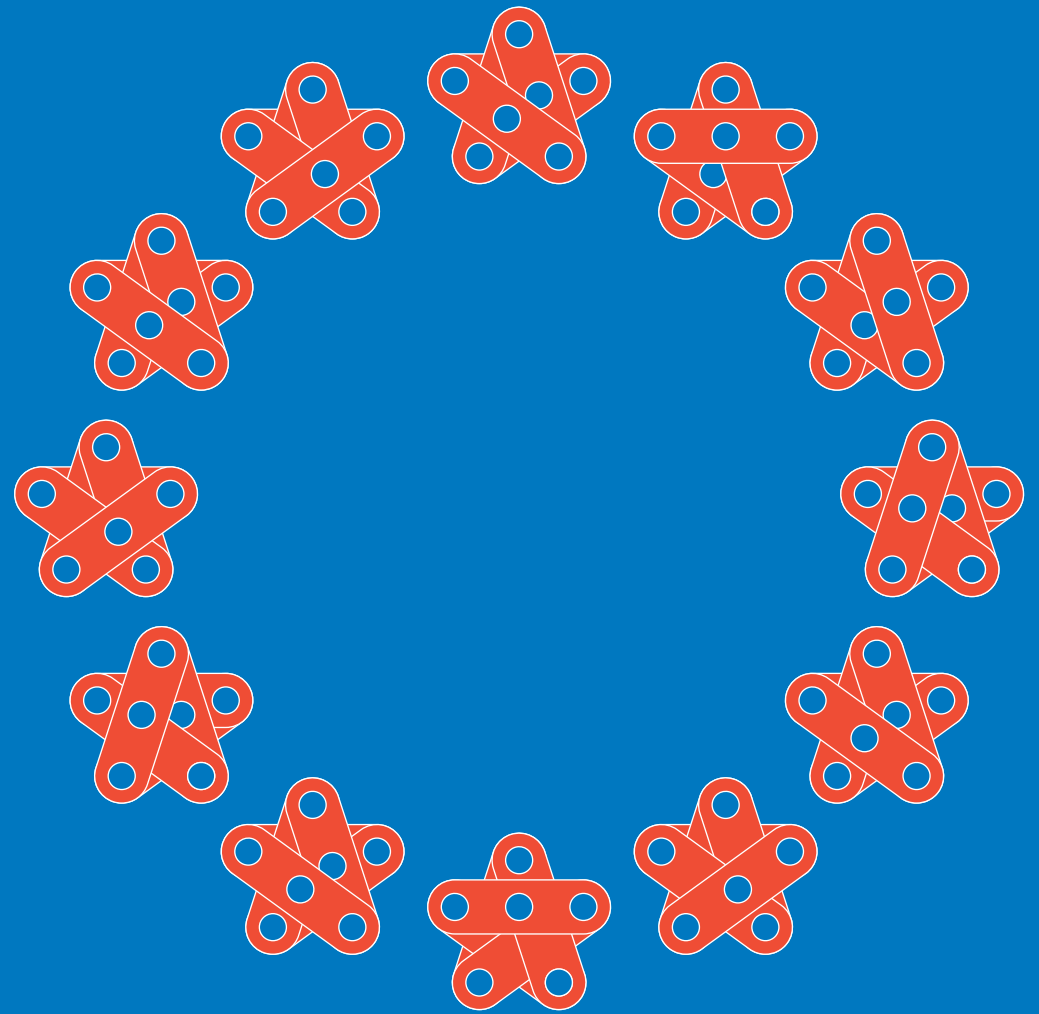
How to successfully manage the transition from a linear to a circular world

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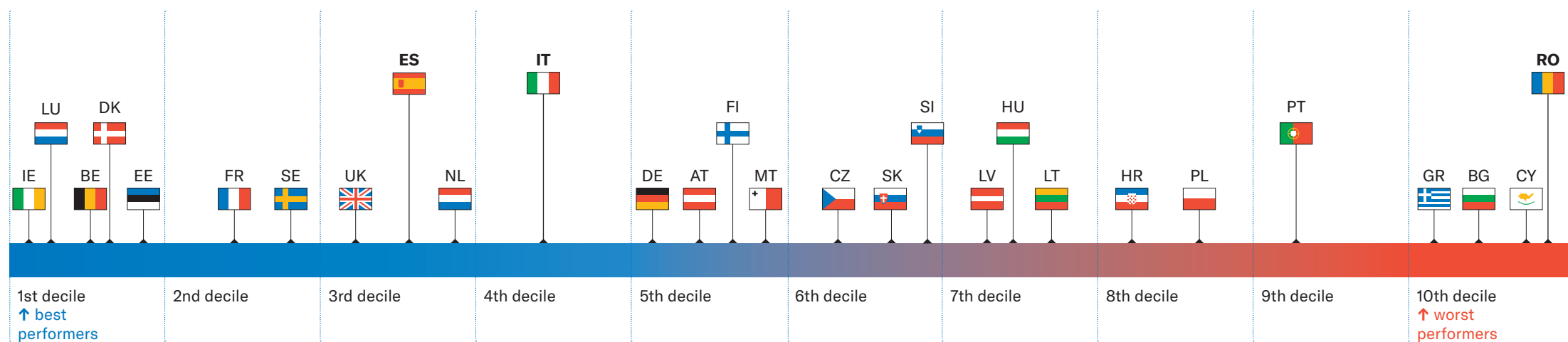
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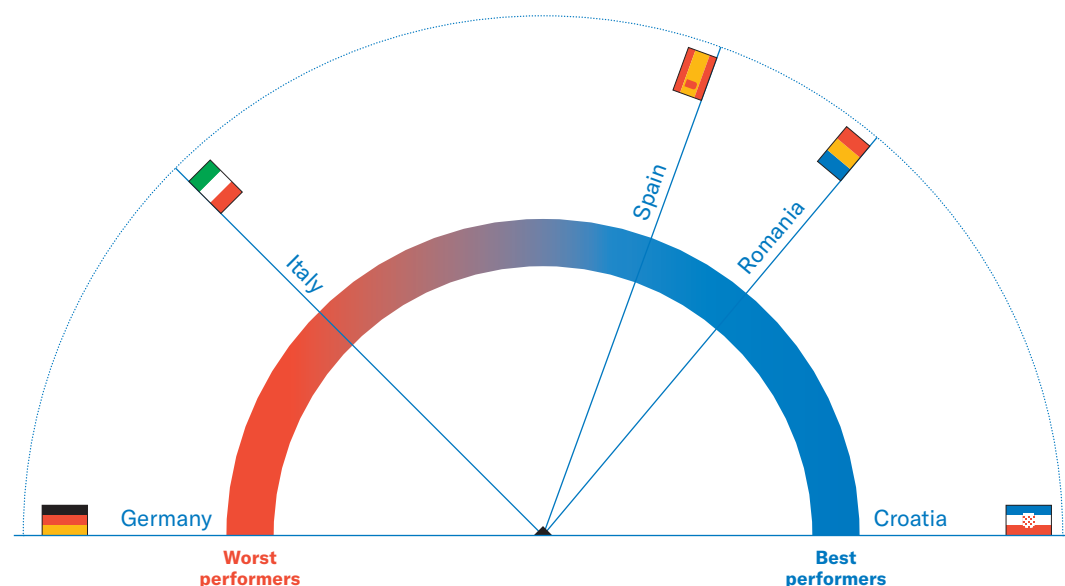
Tableau de Bord
for Italy, Romania,
and Spain

Circular Economy Scoreboard for EU27+UK countries



N.B.: all data are referred to the latest available year (2018).

Circular Economy Scoreboard - progress made over the period 2014-2018



Circular Economy Scoreboard Pillars



Sustainable inputs

Using renewable energy and recyclable, recycled and biodegradable materials to manufacture goods and provide services in consecutive lifecycles



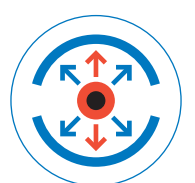
End-of-life

Recovering end-of-life value of asset, products and materials through reuse, remanufacturing and recycling



Extension of useful life

Extending the duration of the useful life of products/services



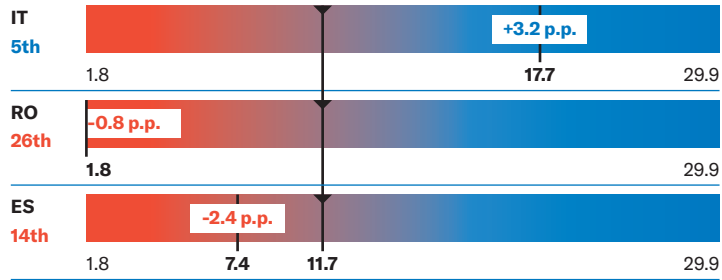
Increase of the intensity of use

Increasing the load factor a single item

Sustainable inputs

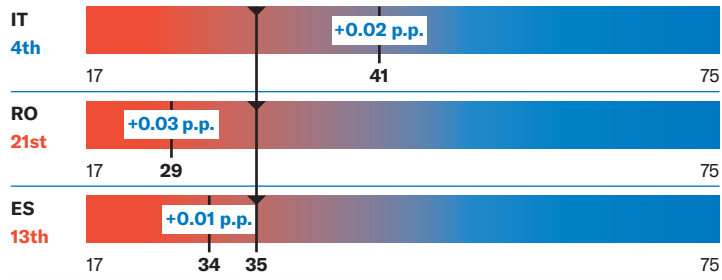
● Circular material use rate¹

% values



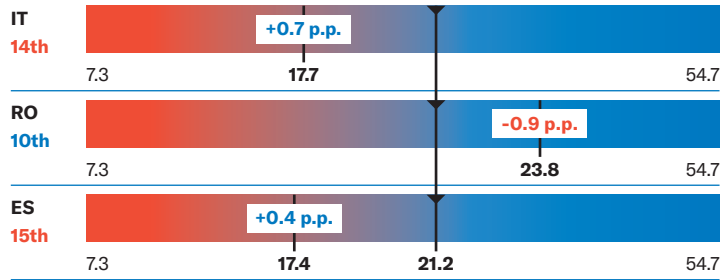
Energy consumption of electricity in the manufacturing sector

% of final energy consumption in the sector



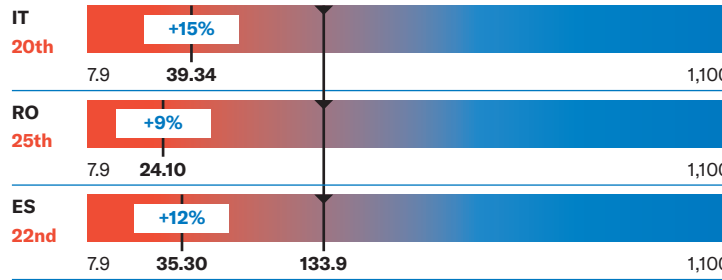
● Share of energy by renewables

% of final energy consumption



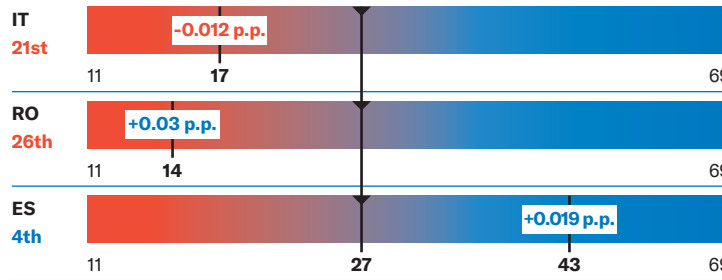
Water productivity

Euros/m³ of water extracted



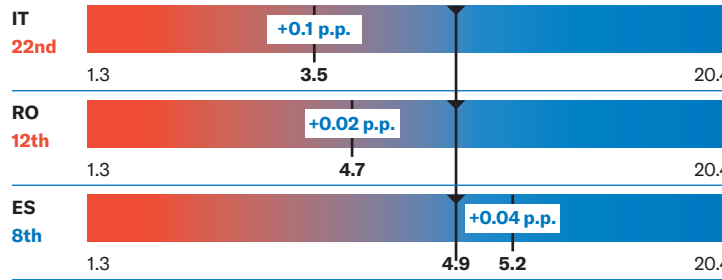
Energy consumption of electricity by households

% of final energy consumption by households



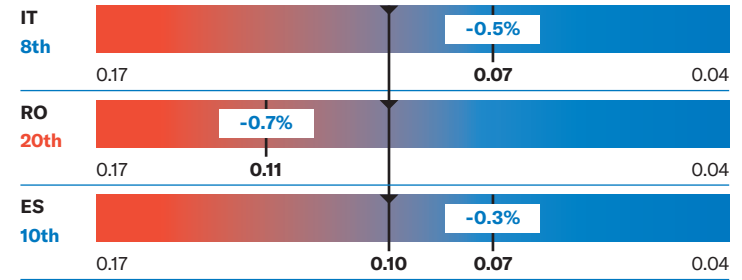
Energy consumption by renewables in the transportation sector

% of final energy consumption in the sector



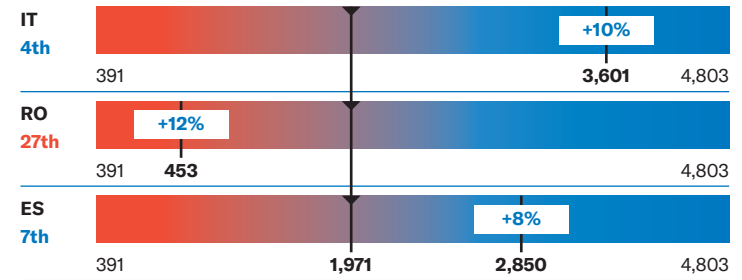
Energy intensity

TOE per thousand Euros



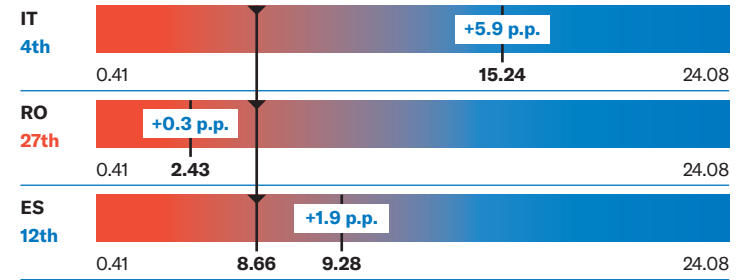
● Resource productivity

Euros per tonne of material consumption



● Share of total organic area in total UAA²

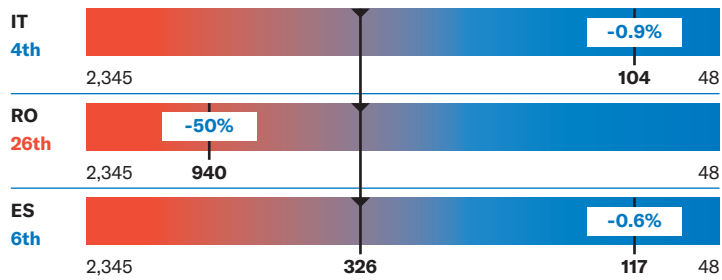
% values



End-of-life

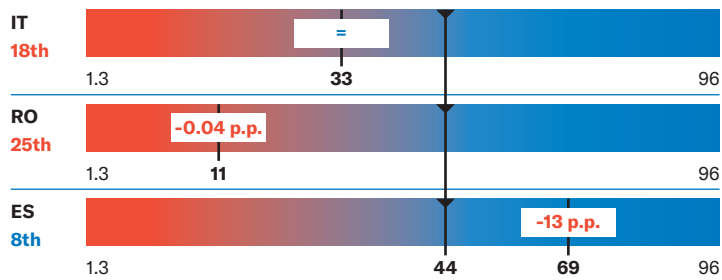
Total generation of waste per GDP unit

Kg per million Euros



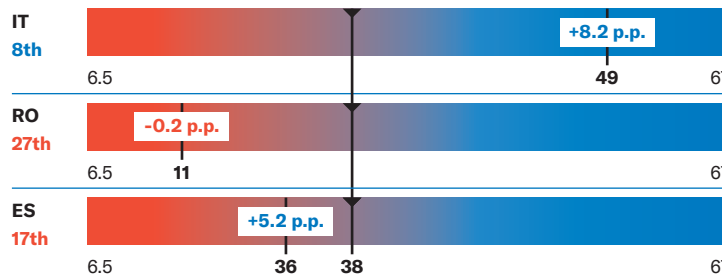
Sewage sludge treated and disposed in agriculture or as compost

% values



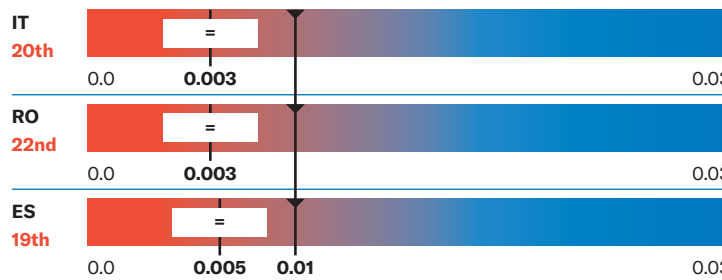
● Municipal waste treated by recycling

% values



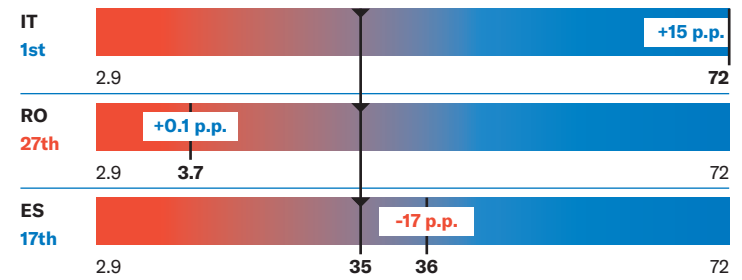
Patents related to recycling

patents per employees



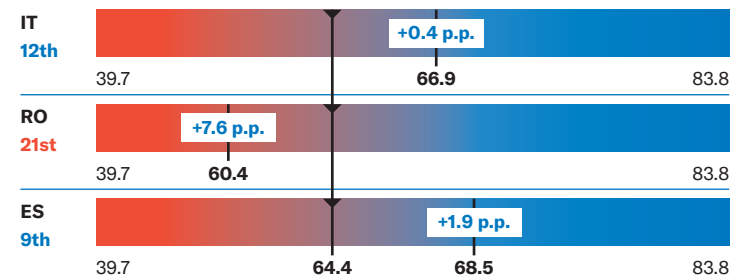
● Industrial waste treated by recycling

% values



Packaging waste recycled

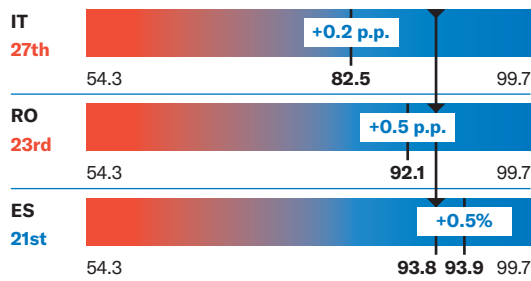
% values



Extension of useful life

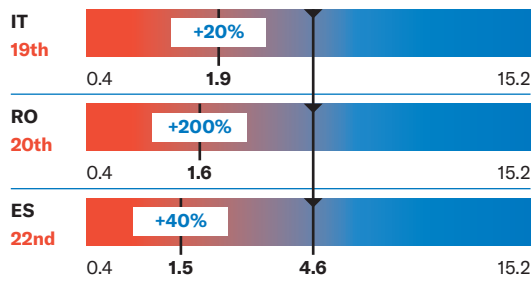
End-of-life vehicles recovered and reused

% of end of vehicles scrapped



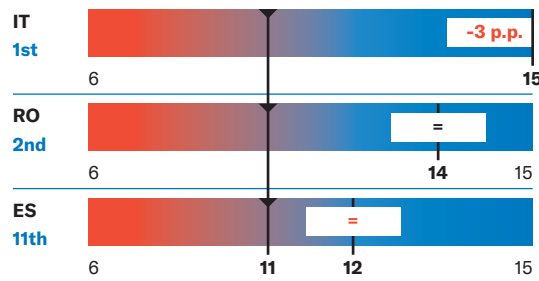
● Value added of retail sale of second-hand goods

Euros per capita



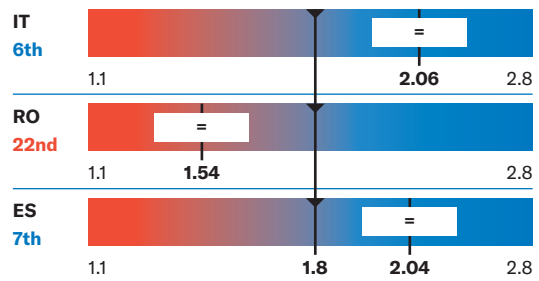
● Load factor

tonne-km / vehicle-km



Employment in repair and reuse sectors

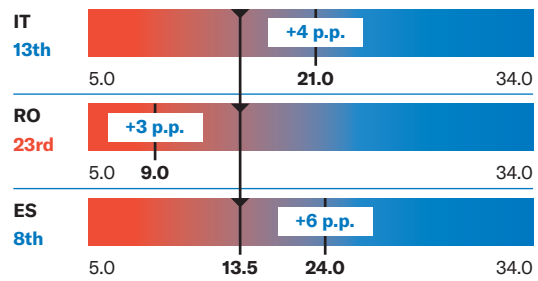
% values



Increase of the intensity of use

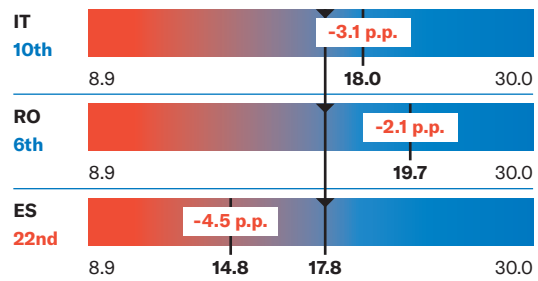
● Individuals using any website or app to arrange an accommodation from another individual

% values



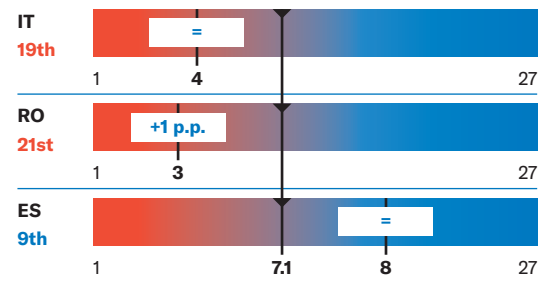
Collective transport on total passenger transport

% of total inland passenger-km



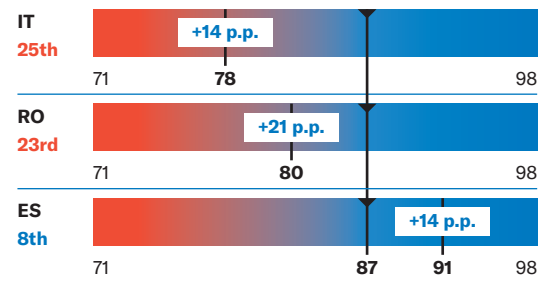
● Individuals using dedicated websites or apps to arrange a transport service from another individual

% values



Individuals using the internet

% of individuals aged 16 to 74 in the last 12 months



N.B. Data are referred to latest available year (2018)
Source: Eurostat, 2019

Variations calculated from 2014 to 2018.

1 Ratio of the circular use of materials to the overall material use.
2 Utilized Agricultural Area.

How to read

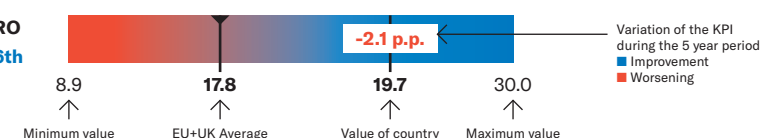
● The 10 KPIs that represent the key indicators of Circular Economy

KPI

● Collective transport on total passenger transport

% of total inland passenger-km

Position in the EU ranking
■ Improvement above the EU27+UK average
■ Worsening below the EU27+UK average



Variation of the KPI during the 5 year period
■ Improvement
■ Worsening