

INDUSTRIES & MARKETS

Waste management in Europe

Table of Contents

01 Overview

| | |
|--|--|
| Global municipal waste generation 2021, by select country | |
| Global municipal waste generation per capita 2021, by select country | |
| Global municipal waste recycling rate 2021, by select country | |
| Installed waste energy capacity in Europe 2010-2022 | |

02 Generation

| | |
|--|--|
| Municipal waste generated in Europe 2021, by country | |
| Per capita municipal waste generated in Europe 2021, by country | |
| Municipal waste generation in the European Union 2004-2021 | |
| Per capita municipal waste generated in the European Union 2010-2021 | |
| Total waste generation in the EU-27 2020, by country | |
| Waste generation per capita in the EU-27 2020, by country | |
| Waste generation shares in the EU-27 2020, by economic activity | |

03 Waste management

| | |
|---|--|
| Share of total waste treatment in the EU-27 2020, by method | |
| Share of total waste treatment in the EU-27 2020, by country and method | |
| Waste exports by the EU-27 2005-2021, by destination | |
| Recycling rate of municipal waste in the European Union 2000-2021 | |
| Recycling rate of municipal waste in the European Union 2010-2021, by country | |

| | | |
|-----------|--|----|
| | Recycling rate of packaging waste in the EU-27 2005-2020 | 21 |
| <u>03</u> | Recycling rate of municipal packaging waste in the EU-27 2020, by material | 22 |

04 Companies

| | | |
|-----------|---|----|
| <u>05</u> | Leading waste service companies worldwide 2022, by revenue | 24 |
| <u>06</u> | Revenue of leading waste management companies in Europe 2022 | 25 |
| | Veolia's revenue 2022, by division | 26 |
| <u>08</u> | Suez's revenue 2020-2022, by division | 27 |
| <u>09</u> | Number of enterprises collecting waste in the European Union 2021, by country | 28 |

10 05 Outlook

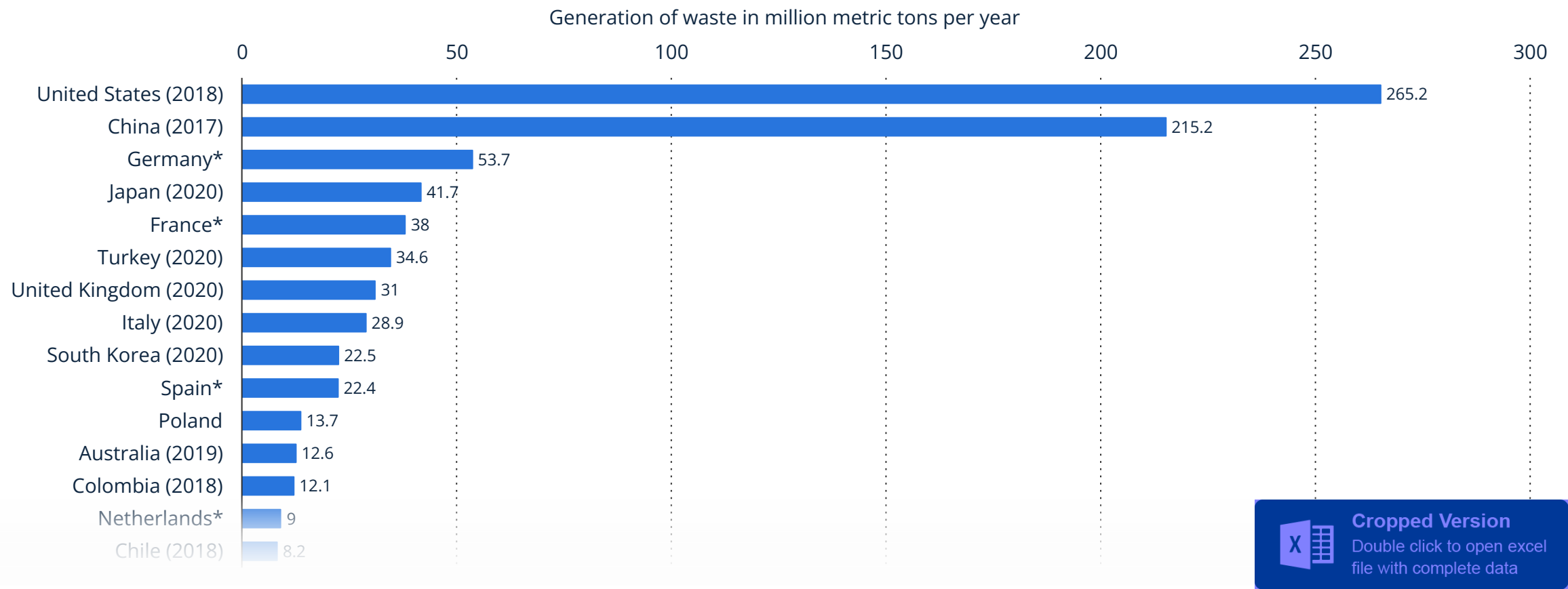
| | | |
|-----------|--|----|
| <u>11</u> | Recycling targets for municipal waste in the EU-27 2030-2035 | 30 |
| <u>12</u> | Target scenarios for residual municipal waste reductions in the EU-27 2030 | 31 |
| <u>13</u> | Recycling targets for packaging waste in the EU-27 2025-2030, by type | 32 |
| <u>14</u> | | |

CHAPTER 01

Overview

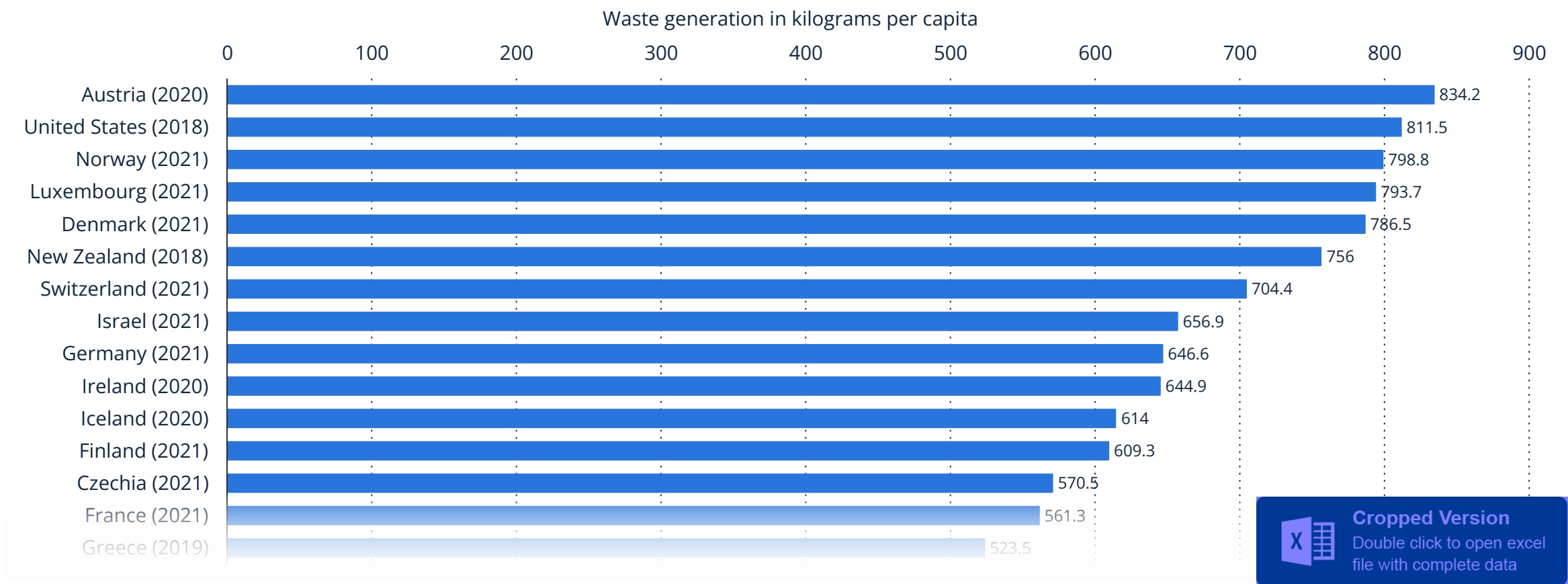
Generation of municipal waste worldwide as of 2021, by select country (in million metric tons)

Global municipal waste generation 2021, by select country



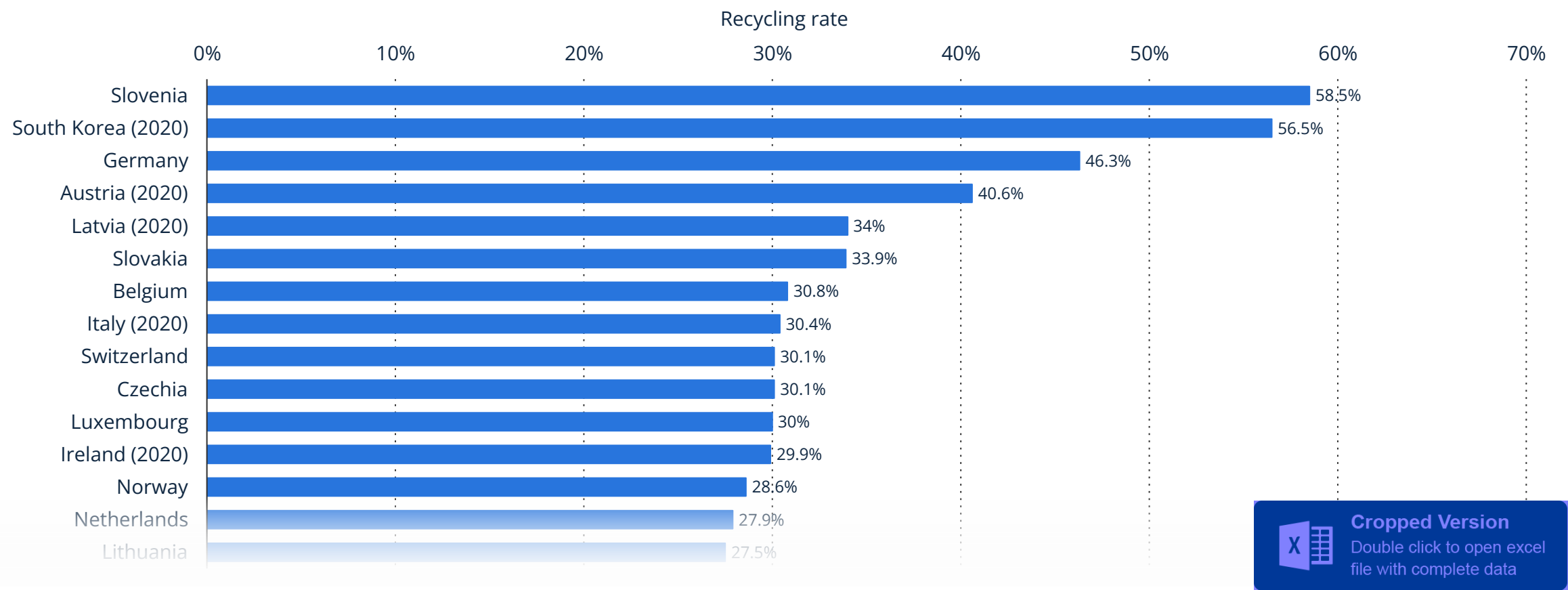
Per capita generation of municipal waste worldwide as of 2021, by select country (in kilograms)


Global municipal waste generation per capita 2021, by select country



Municipal solid waste recycling rates in selected countries worldwide in 2021

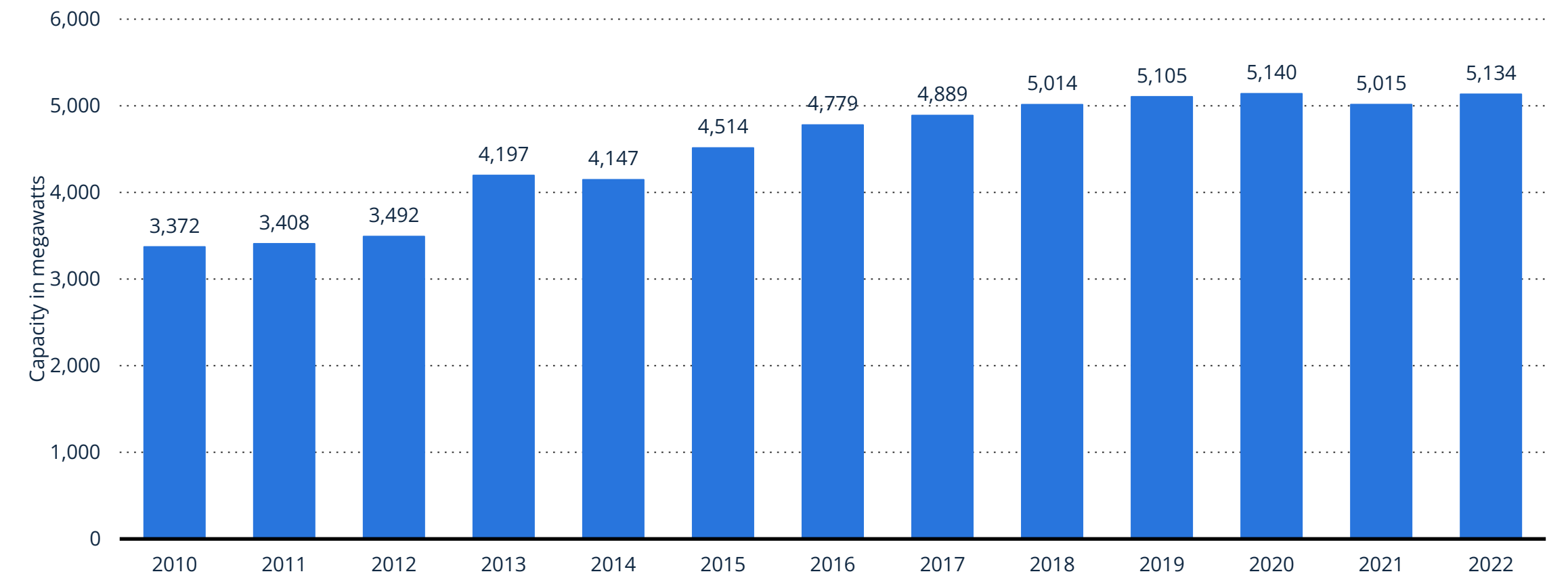
Global municipal waste recycling rate 2021, by select country



 **Cropped Version**
Double click to open excel file with complete data

Installed capacity of municipal waste energy in Europe from 2010 to 2022 (in megawatts)

Installed waste energy capacity in Europe 2010-2022

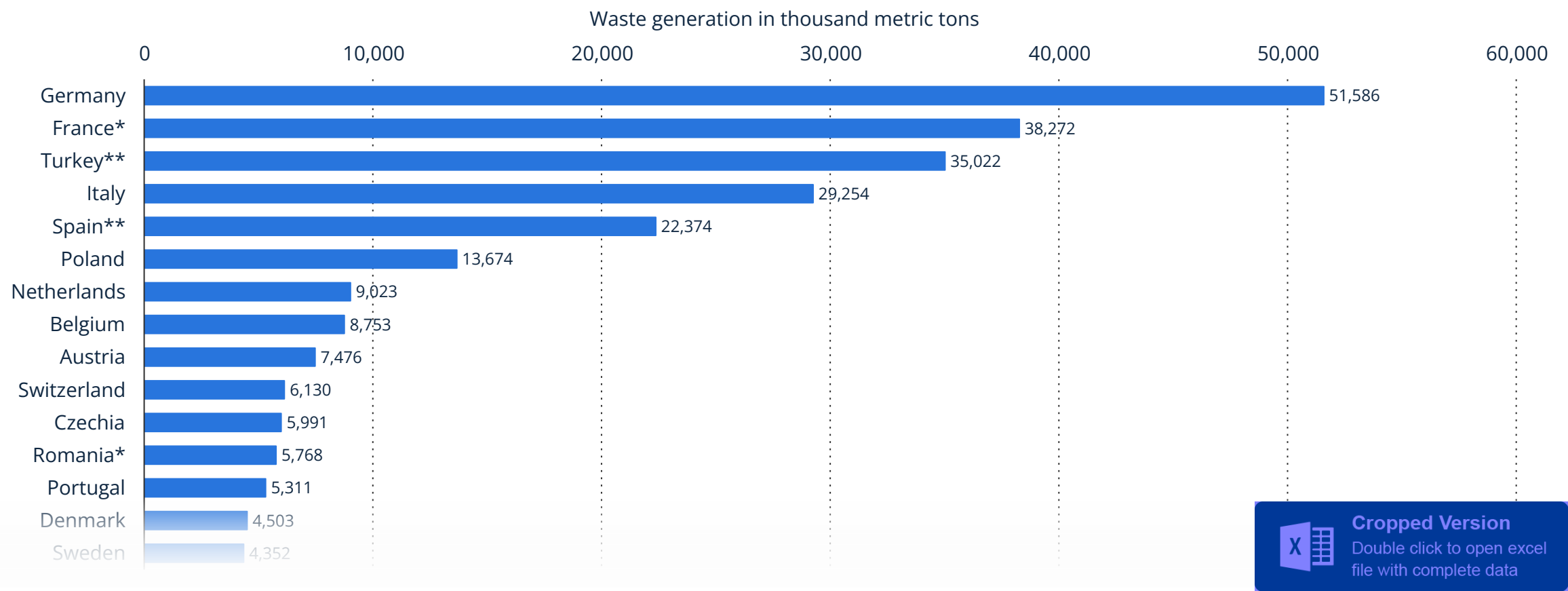


CHAPTER 02

Generation

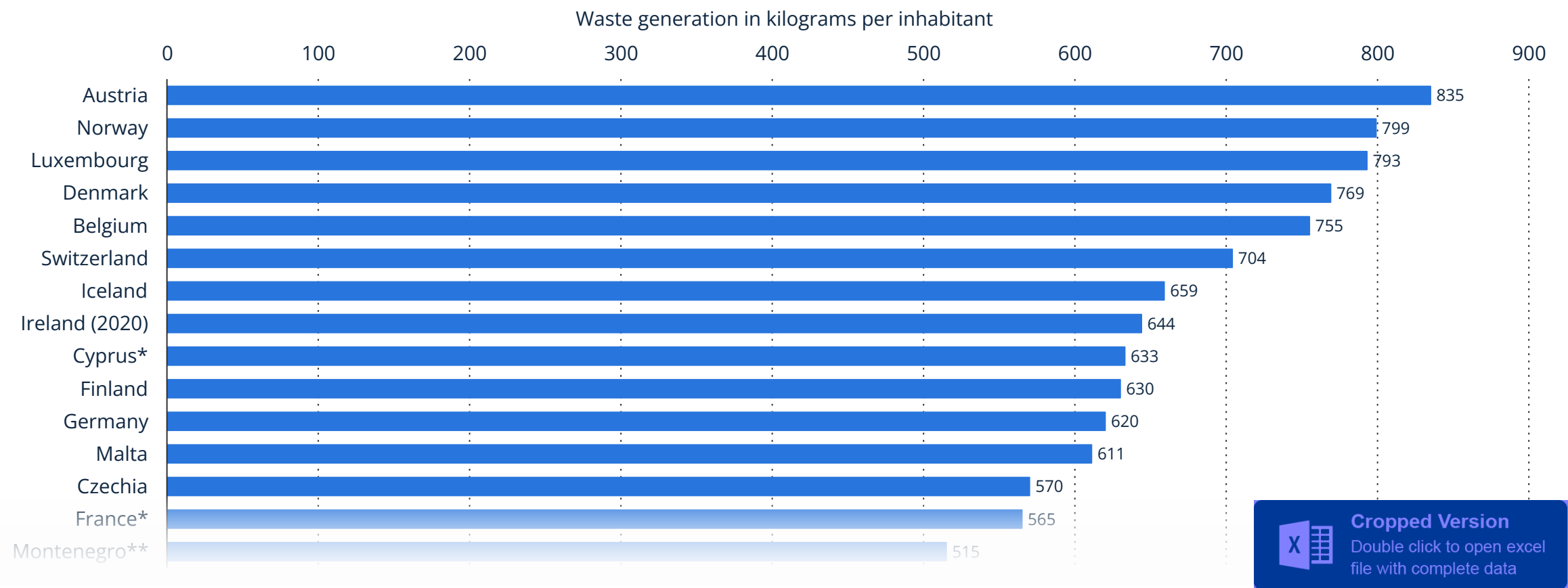
Municipal waste generation in Europe in 2021, by select country (in 1,000 metric tons)

Municipal waste generated in Europe 2021, by country



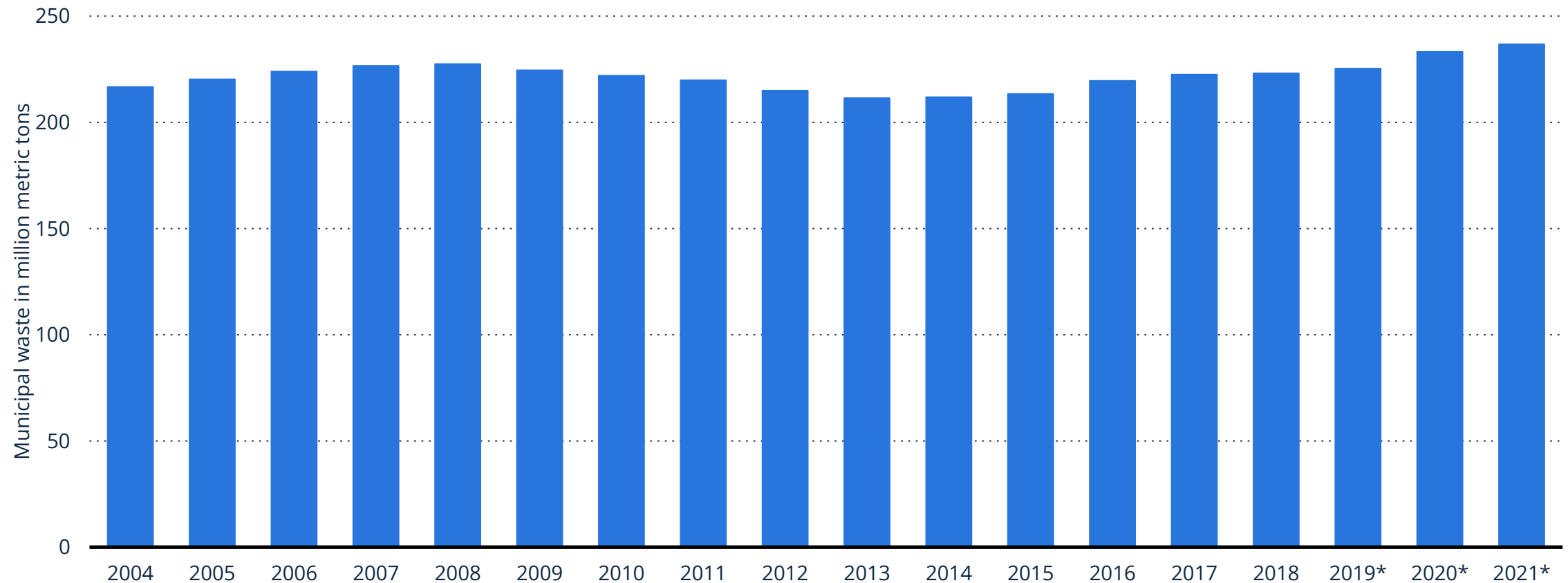
Per capita municipal waste generation in Europe in 2021, by select country (in kilograms)

Per capita municipal waste generated in Europe 2021, by country



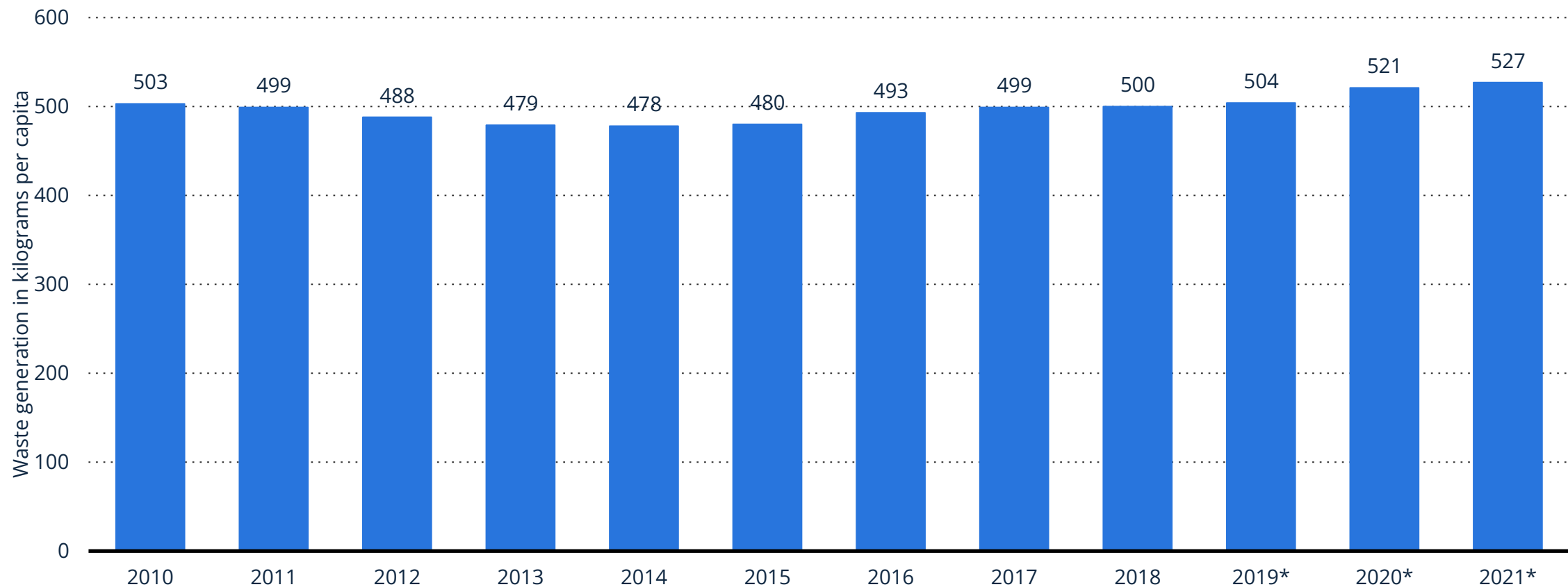
Generation of municipal waste in the European Union (EU-27) from 2004 to 2021 (in million metric tons)

Municipal waste generation in the European Union 2004-2021



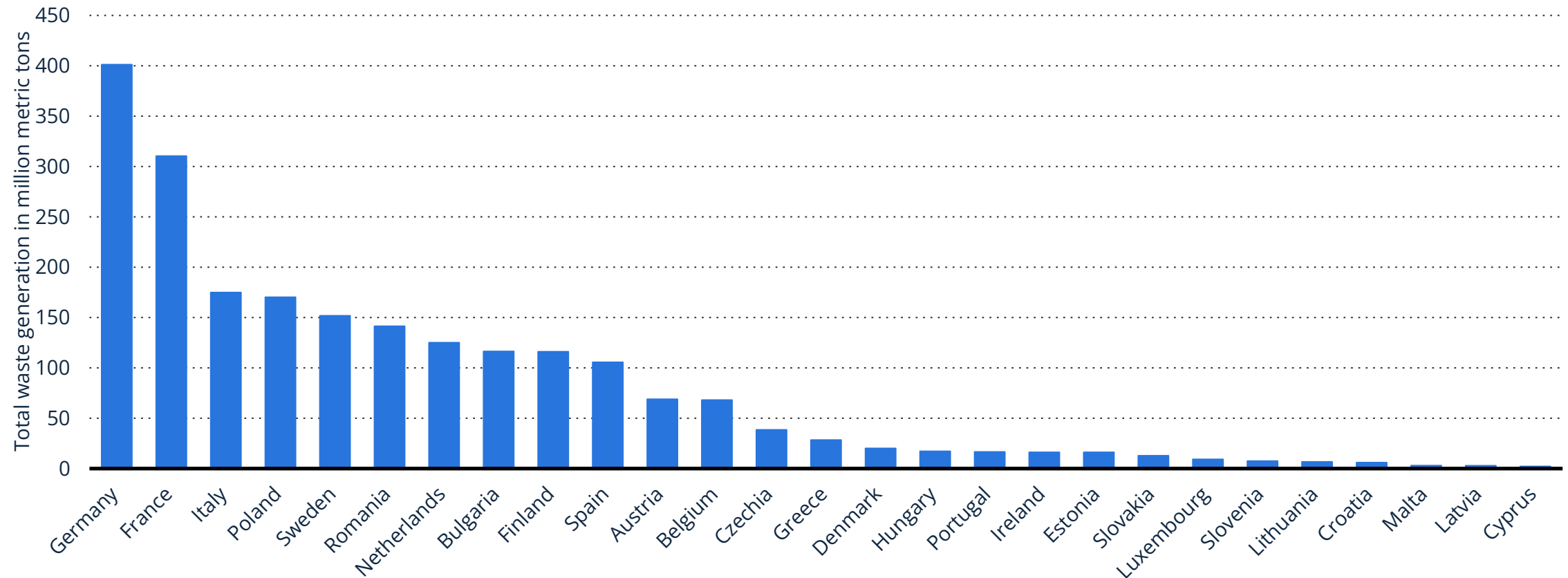
Per capita municipal waste generation in the European Union (EU-27) from 2010 to 2021 (in kilograms)

Per capita municipal waste generated in the European Union 2010-2021



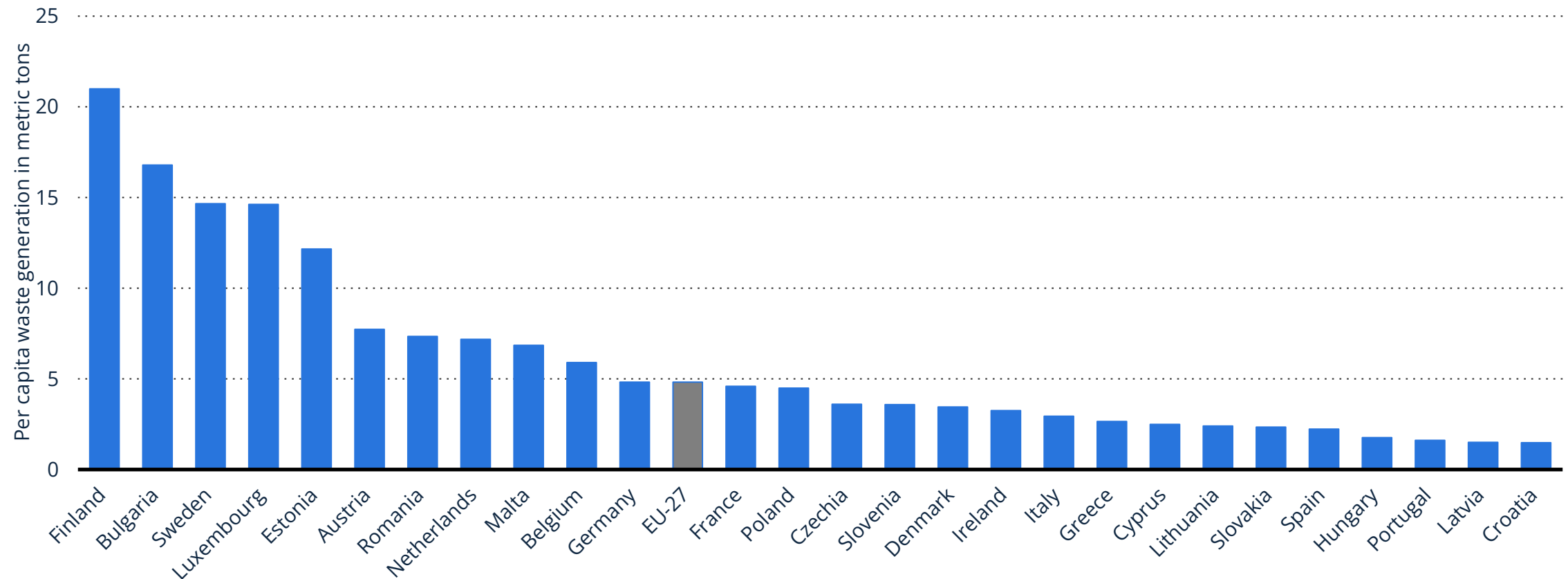
Total waste generation in the European Union (EU-27) in 2020, by country (in million metric tons)

Total waste generation in the EU-27 2020, by country



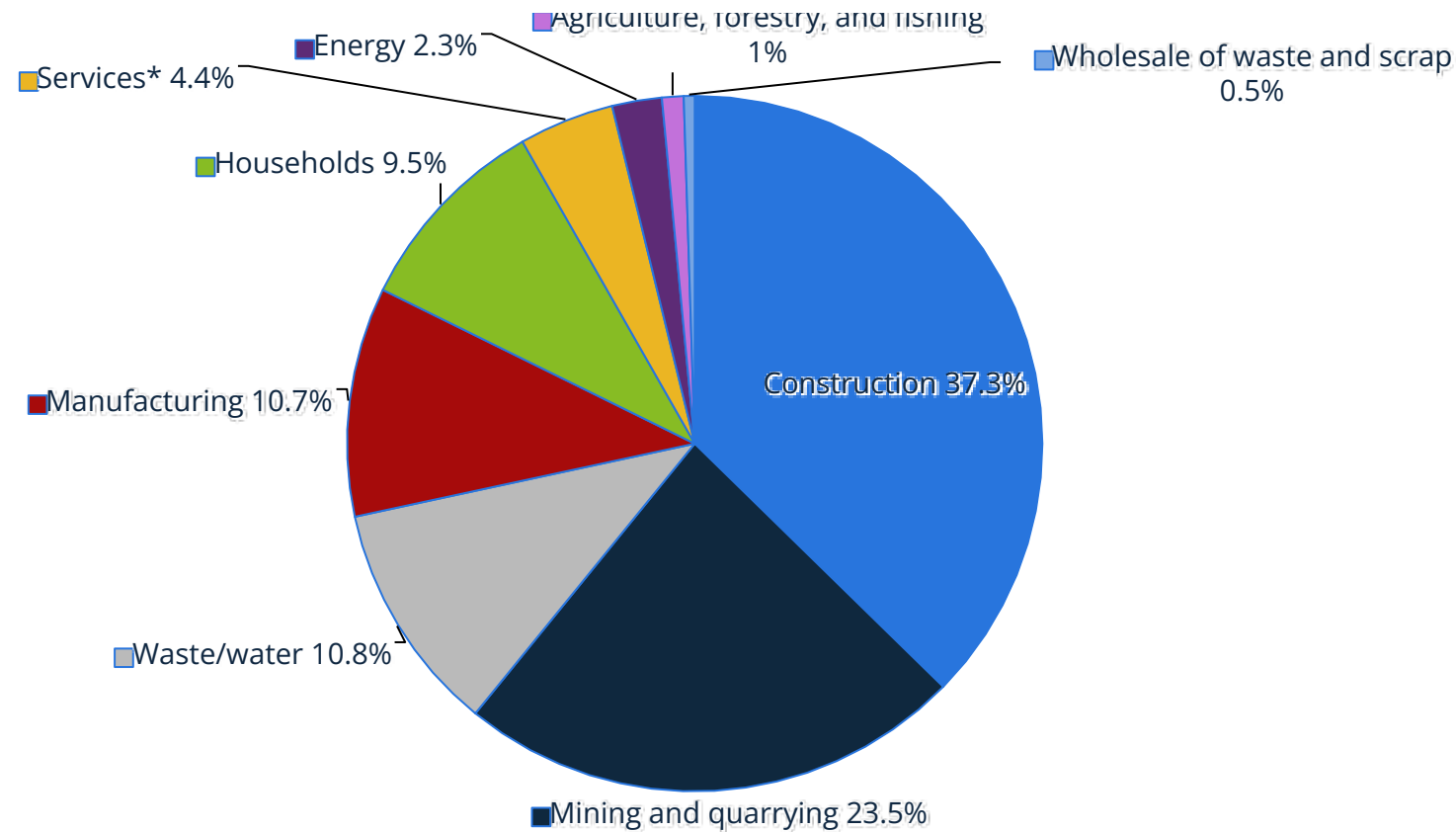
Total waste generation per capita in the European Union (EU-27) in 2020, by country (in metric tons)

Waste generation per capita in the EU-27 2020, by country



Distribution of total waste generation in the European Union (EU-27) in 2020, by economic activities and households

Waste generation shares in the EU-27 2020, by economic activity

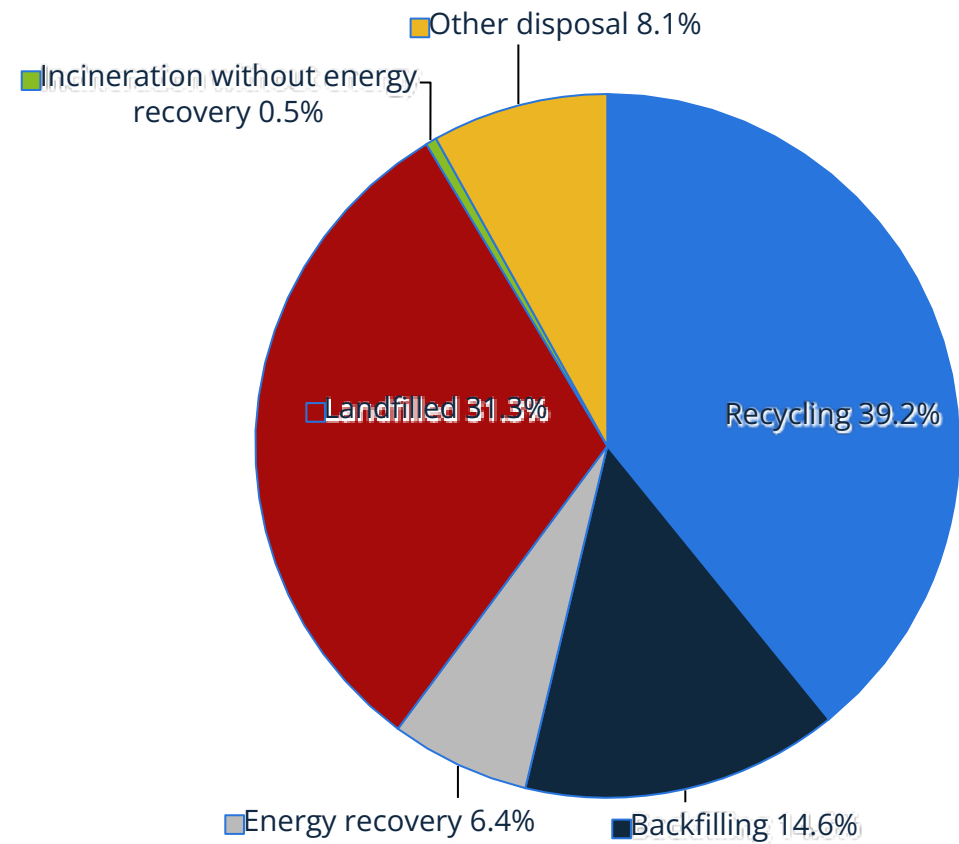


CHAPTER 03

Waste management

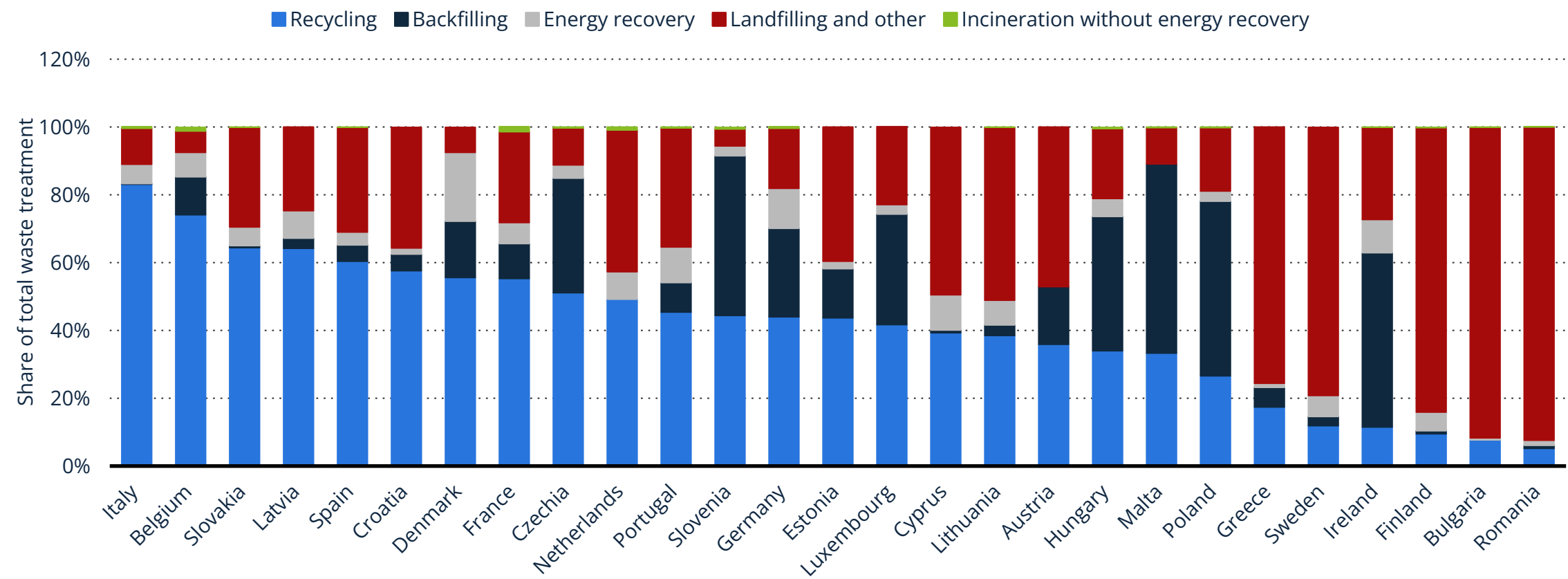
Distribution of total waste treatment in the European Union (EU-27) in 2020, by type of recovery and disposal

Share of total waste treatment in the EU-27 2020, by method



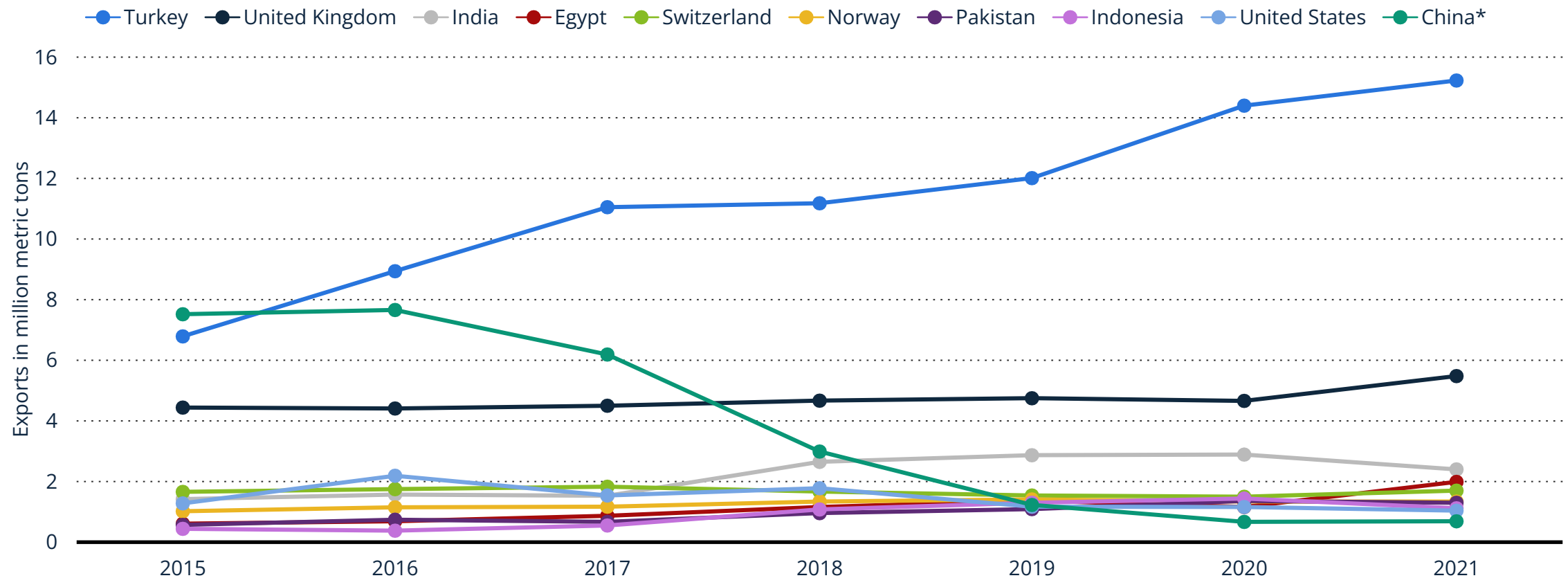
Distribution of total waste treatment in European Union (EU-27) countries in 2020, by type of recovery and disposal

Share of total waste treatment in the EU-27 2020, by country and method



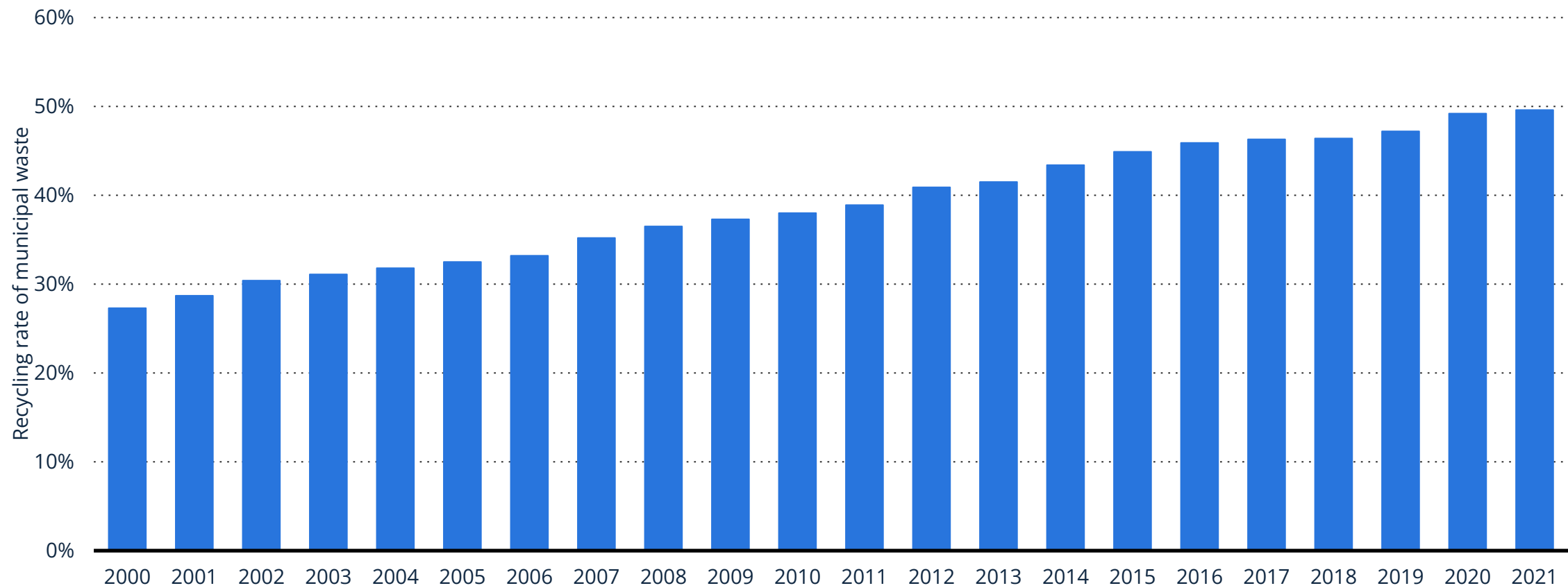
Annual volumes of waste exported by the European Union from 2005 to 2021, by select destination (in million metric tons)

Waste exports by the EU-27 2005-2021, by destination



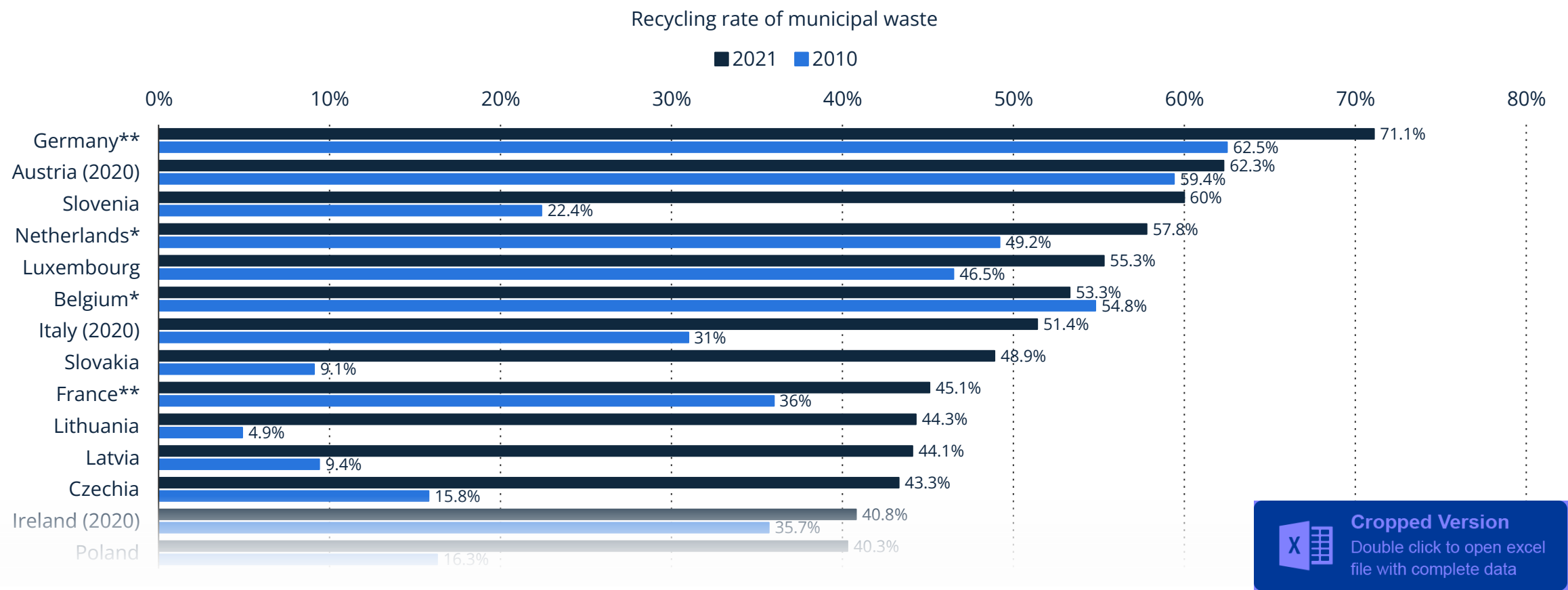
Recycling rate of municipal waste in the European Union (EU-27) from 2000 to 2021

Recycling rate of municipal waste in the European Union 2000-2021



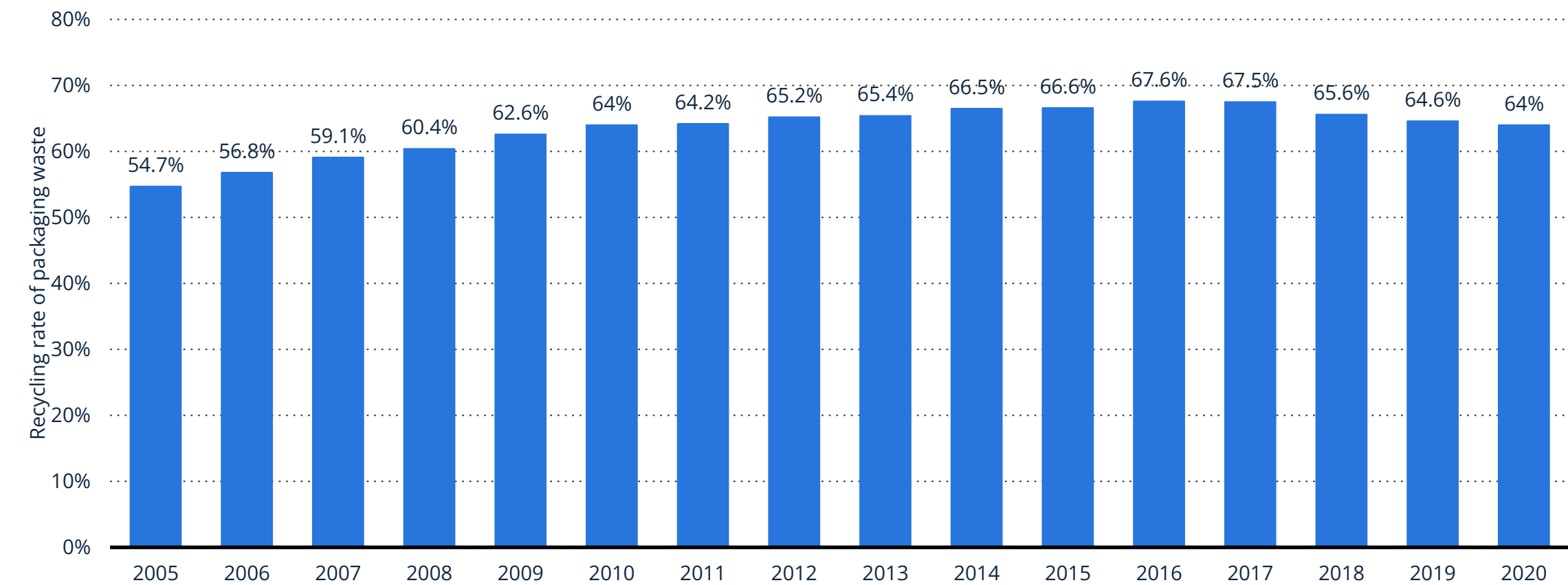
Recycling rate of municipal waste in the European Union (EU-27) in 2010 and 2021, by country

Recycling rate of municipal waste in the European Union 2010-2021, by country



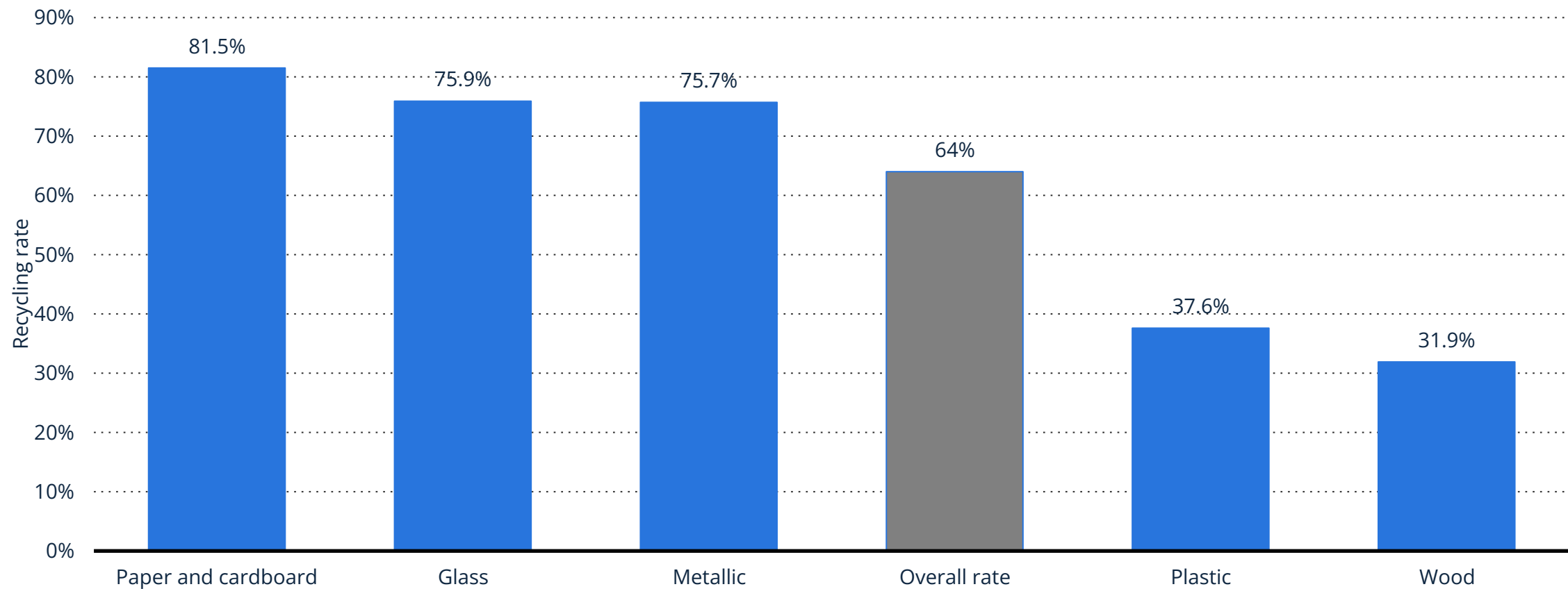
Recycling rate of packaging waste in the European Union (EU-27) from 2005 to 2020

Recycling rate of packaging waste in the EU-27 2005-2020



Recycling rate of municipal packaging waste in the European Union (EU-27) in 2020, by material

Recycling rate of municipal packaging waste in the EU-27 2020, by material

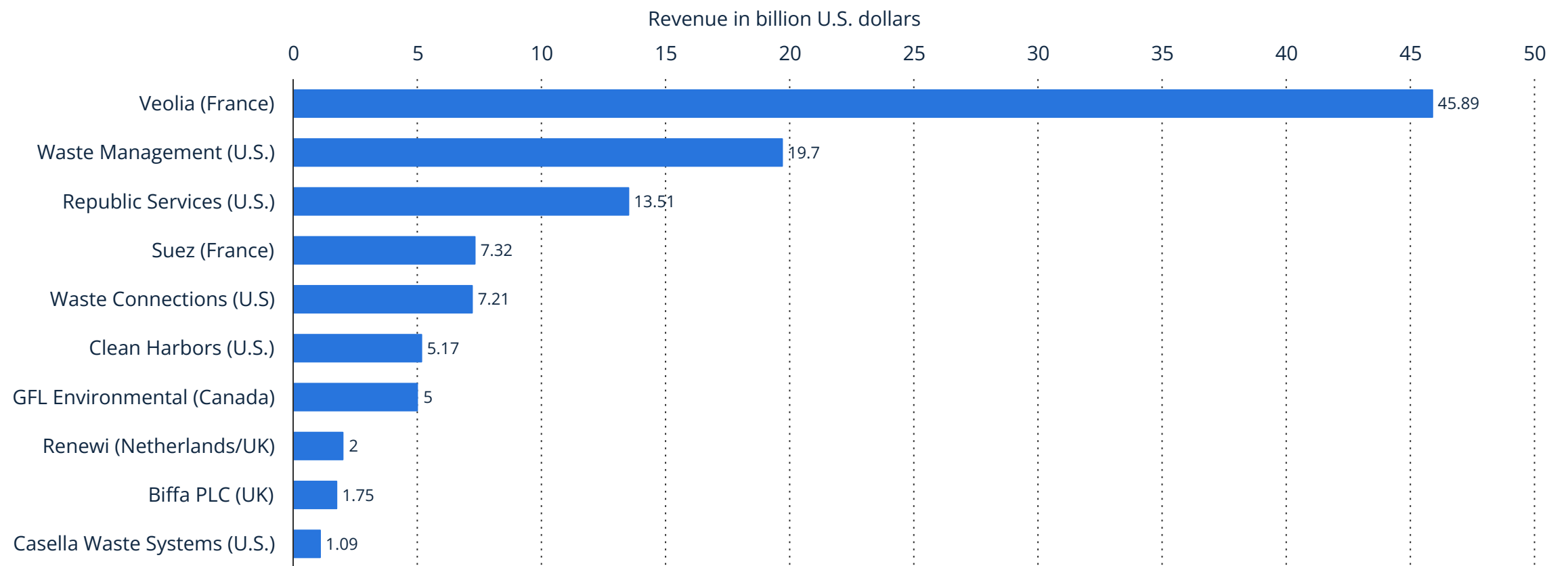


CHAPTER 04

Companies

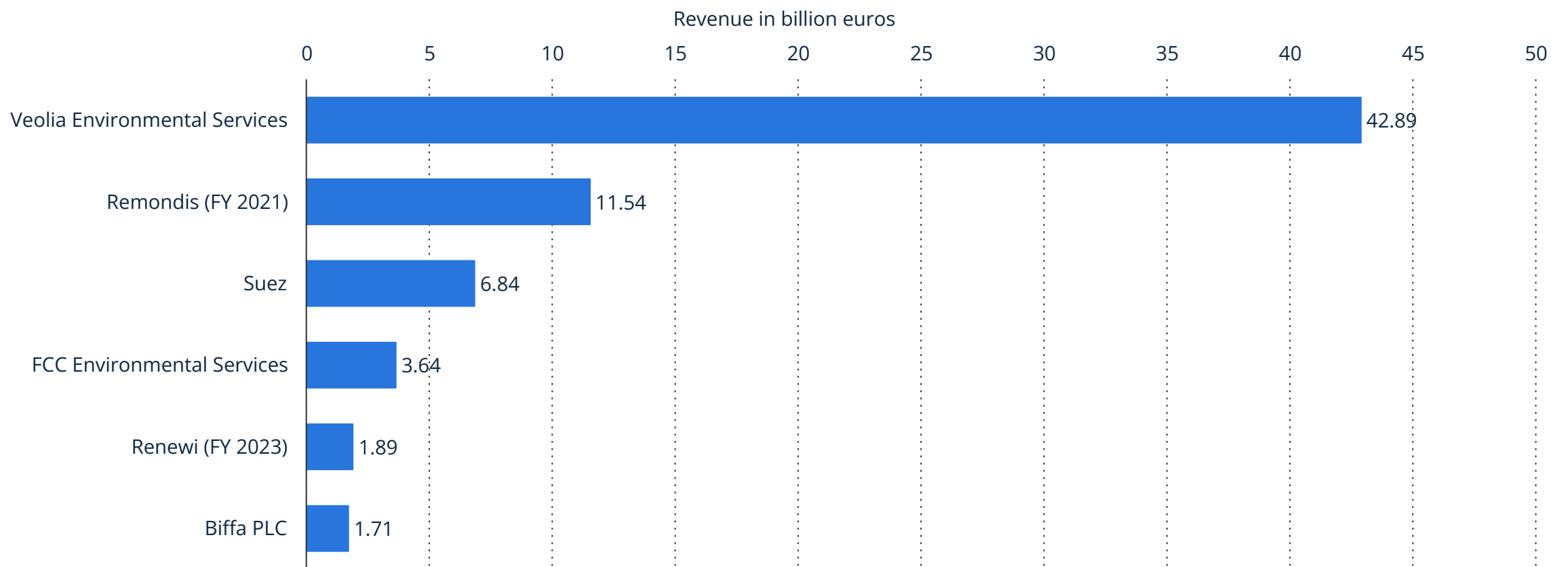
Revenue of selected major waste management companies worldwide in FY 2022 (in billion U.S. dollars)

Leading waste service companies worldwide 2022, by revenue



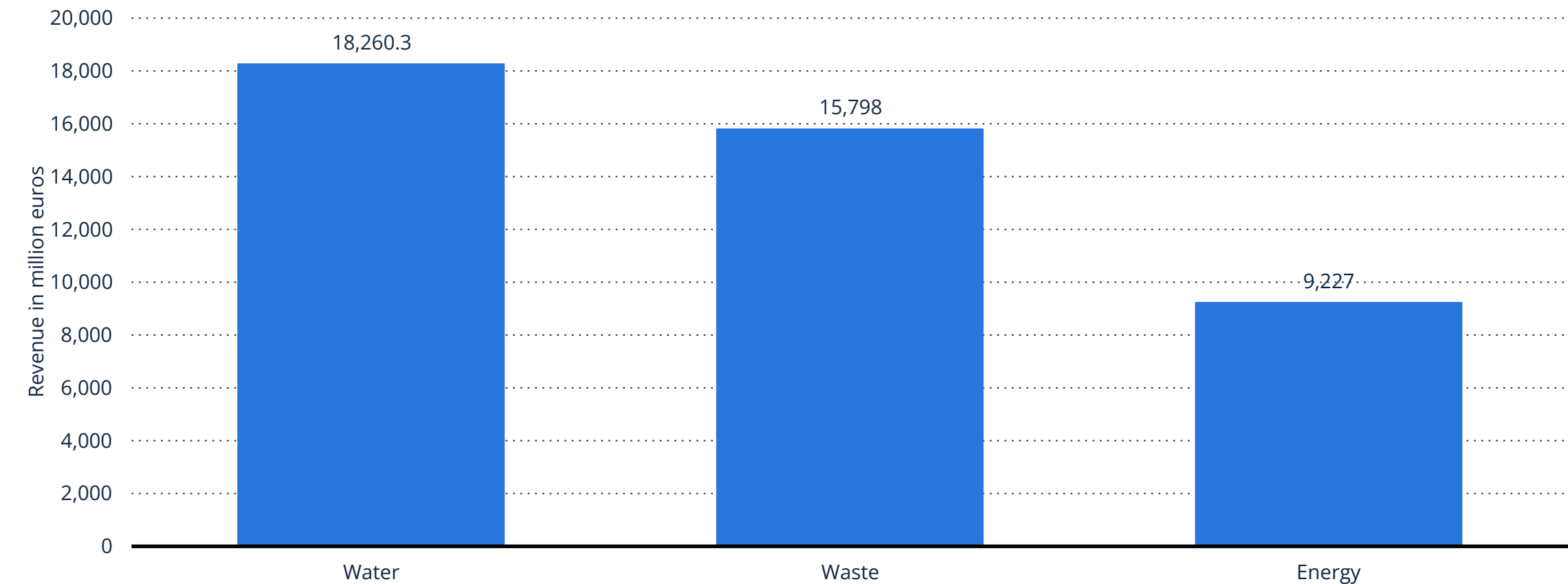
Revenue of selected leading waste management service companies in Europe in FY 2022 (in billion euros)

Revenue of leading waste management companies in Europe 2022



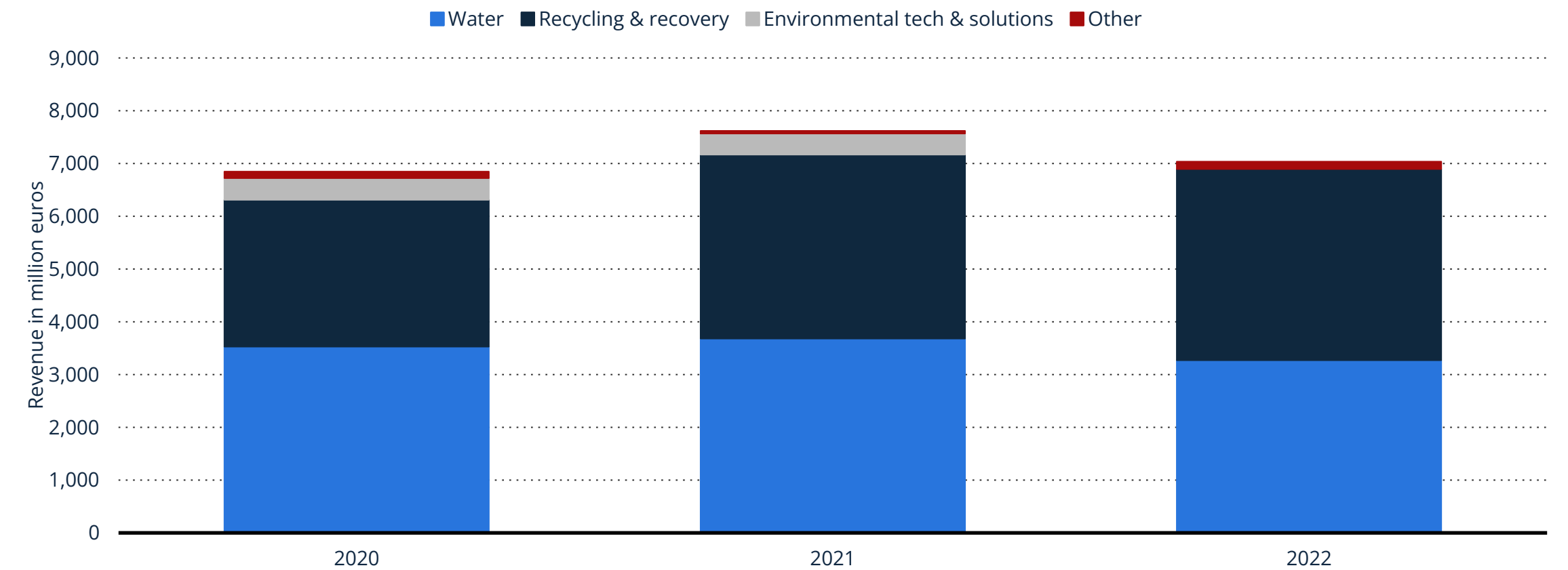
Revenue of Veolia in FY 2022, by division (in million euros)

Veolia's revenue 2022, by division



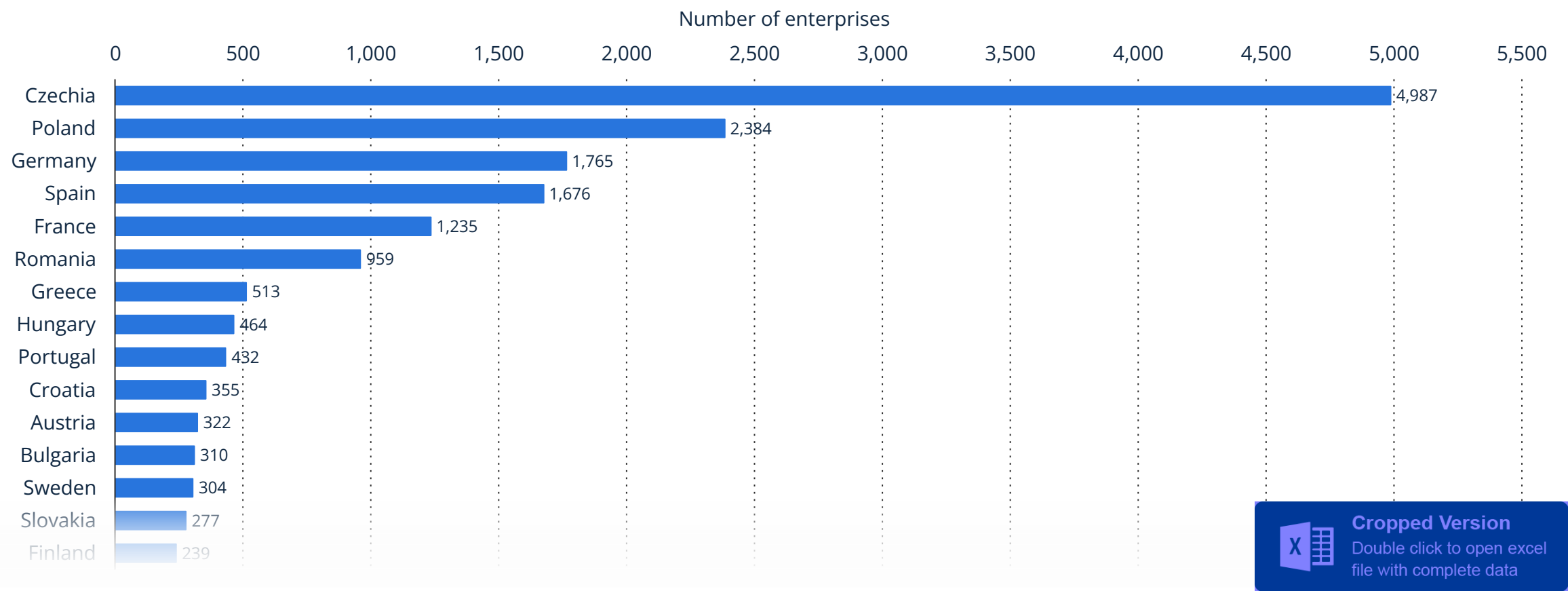
Revenue of Suez from FY 2020 to FY 2022, by division (in million euros)

Suez's revenue 2020-2022, by division



Number of enterprises in the waste collection sector in the European Union (EU-27) in 2021, by country

Number of enterprises collecting waste in the European Union 2021, by country



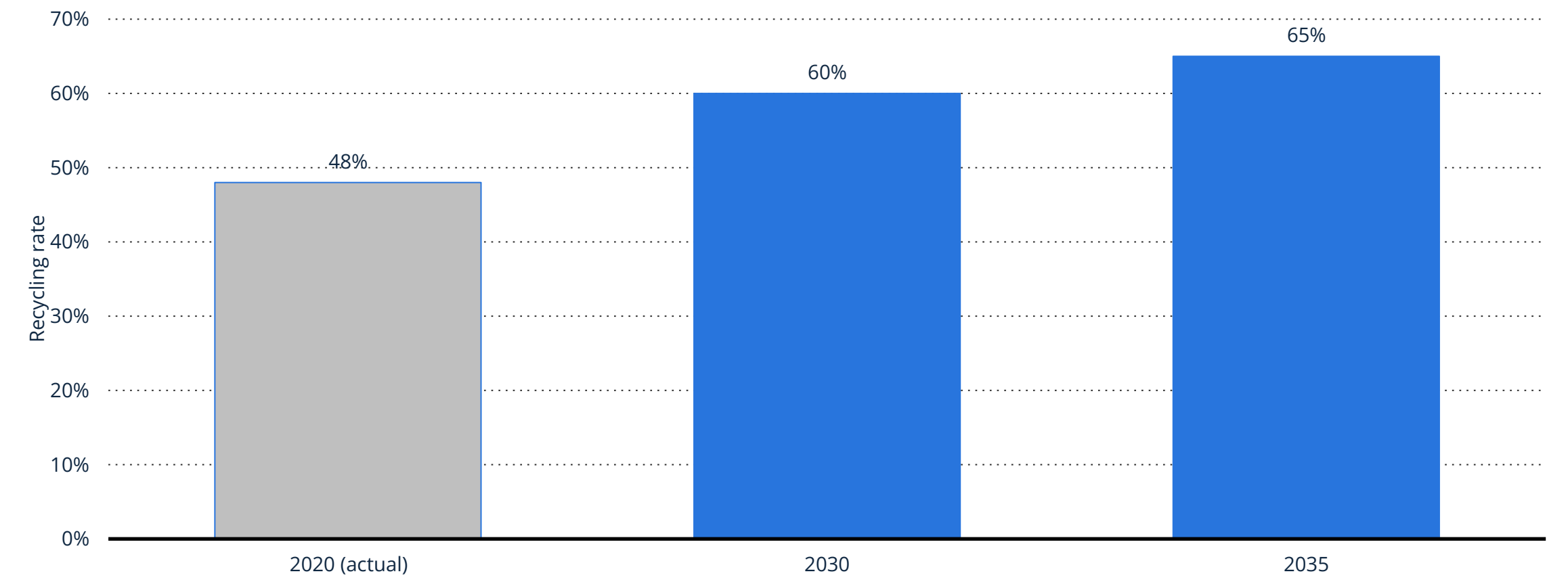
Cropped Version
Double click to open excel
file with complete data

CHAPTER 05

Outlook

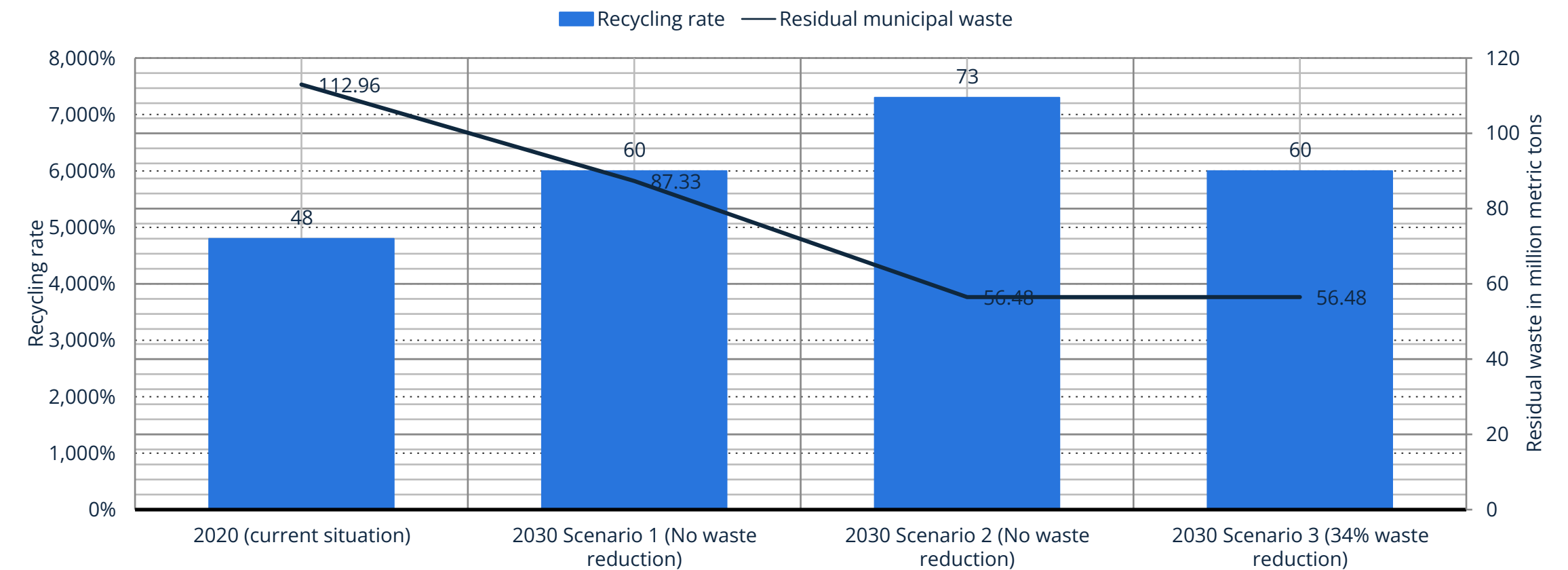
Municipal waste recycling targets in the European Union (EU-27) in 2030 and 2035

Recycling targets for municipal waste in the EU-27 2030-2035



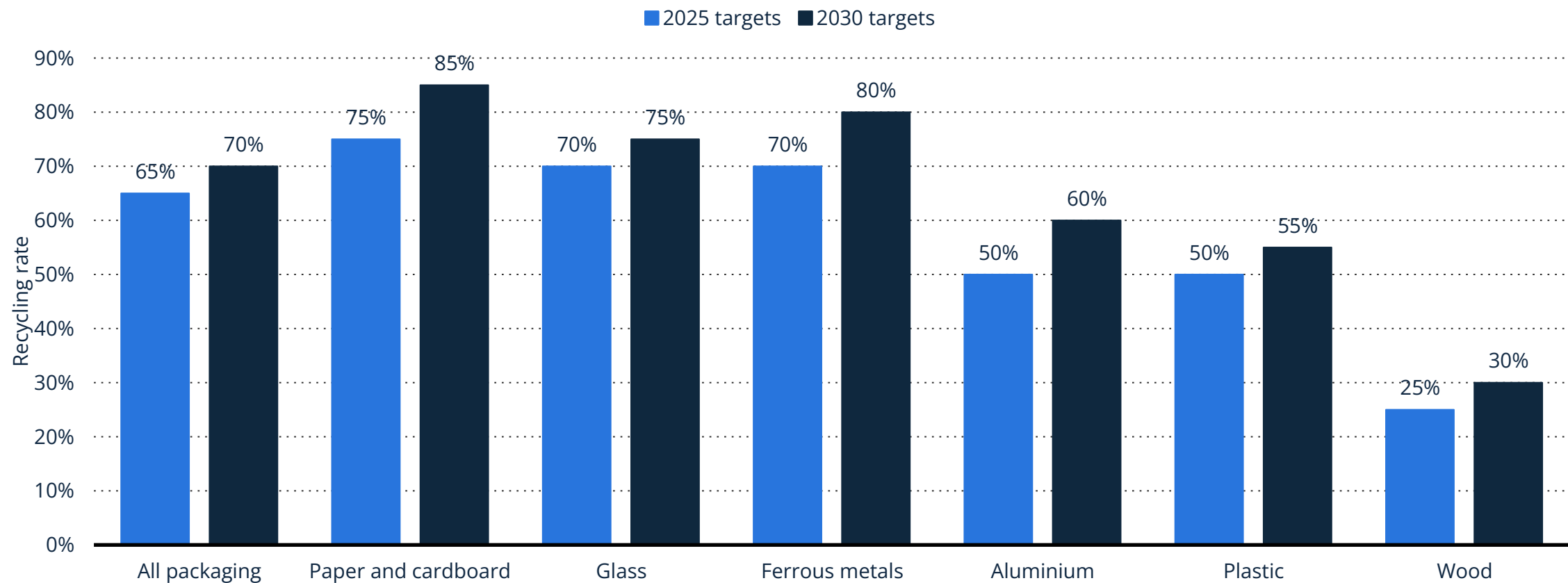
Possible residual municipal waste reduction target scenarios in the European Union (EU-27) from 2020 to 2030

Target scenarios for residual municipal waste reductions in the EU-27 2030



Packaging recycling targets in the European Union (EU-27) in 2025 and 2030, by type

Recycling targets for packaging waste in the EU-27 2025-2030, by type



Sources

EEA
European Commission
Eurostat
IRENA
OECD
Statista
Suez
Various sources (Company data)
Veolia Environnement