



Italy in 10 selfies

A user-friendly economy for tackling the future

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SYMBOLA

Fondazione per le qualità italiane

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THANKS TO

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The colour used this year for the cover of Italy in 10 Selfies is Very Peri, a bluish shade with a hint of purple and a dash of red. The colour was created from scratch by the Pantone Color Institute for the year 2022. Its lively spirit aims to convey a message of hope in a post-pandemic future.

“Our economy is stronger when it has a steady network of solidarity behind it, a system of businesses aware of their social duty, with a background in legality, extensive knowledge and civil commitment”.

Sergio Mattarella - President of the Italian Republic

“The totality and its parts aims to remove the living in this life from their state of misery and lead them to a state of happiness”.

Dante Alighieri

At times, the climate crisis, pandemic, devastating conflicts and inequality seem to prefigure a less user-friendly future. In order to change direction, each country, community, business and each individual is called upon to put their talents into play and share them. This applies to Italy too.

Our country gives its best when it intermingles its ancient chromosomes and its identity with a completely Italian way of doing economics: that merges innovation and tradition, social cohesion, new technologies and beauty, the ability to speak to the world without losing touch with its own territories and communities, productive flexibility and competitiveness.

Each year, Italy describes some of its strong points in 10 selfies through a wide-angle lens, aspects that are often little-known or underrated. They are powered by the incentive of businesses towards quality and sustainability. A narrative that hopes to be a reminder and a diary: from here we can set out to confront not only our past sufferings but the future and its challenges. We can do so as part of the mission set by Europe with the Next Generation EU, to deal with the climate crisis and pandemic, merging cohesion, and a green and digital transition. We need to do this by forging a path of cooperation and peace in the world that has become weakened. To build a safer, more civilised and kinder world together, without leaving anyone behind, or anyone on their own.

It is Italy that makes Italy. The country that Symbola censuses and describes in its research, completed in the company of travel companions who share a common vision and mission with us and with whom we observe our country, with curiosity and empathy.

ERMETE REALACCI

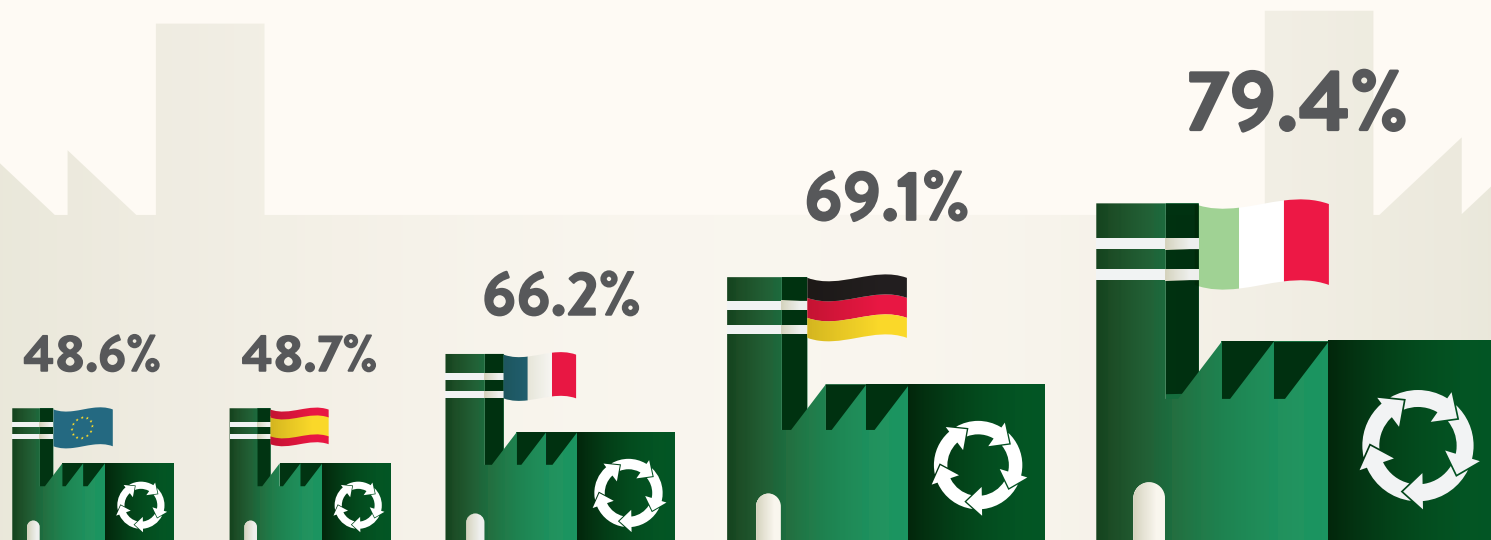
President of the Fondazione Symbola

2022

Italy in 10 Selfies

A user-friendly economy for tackling the future

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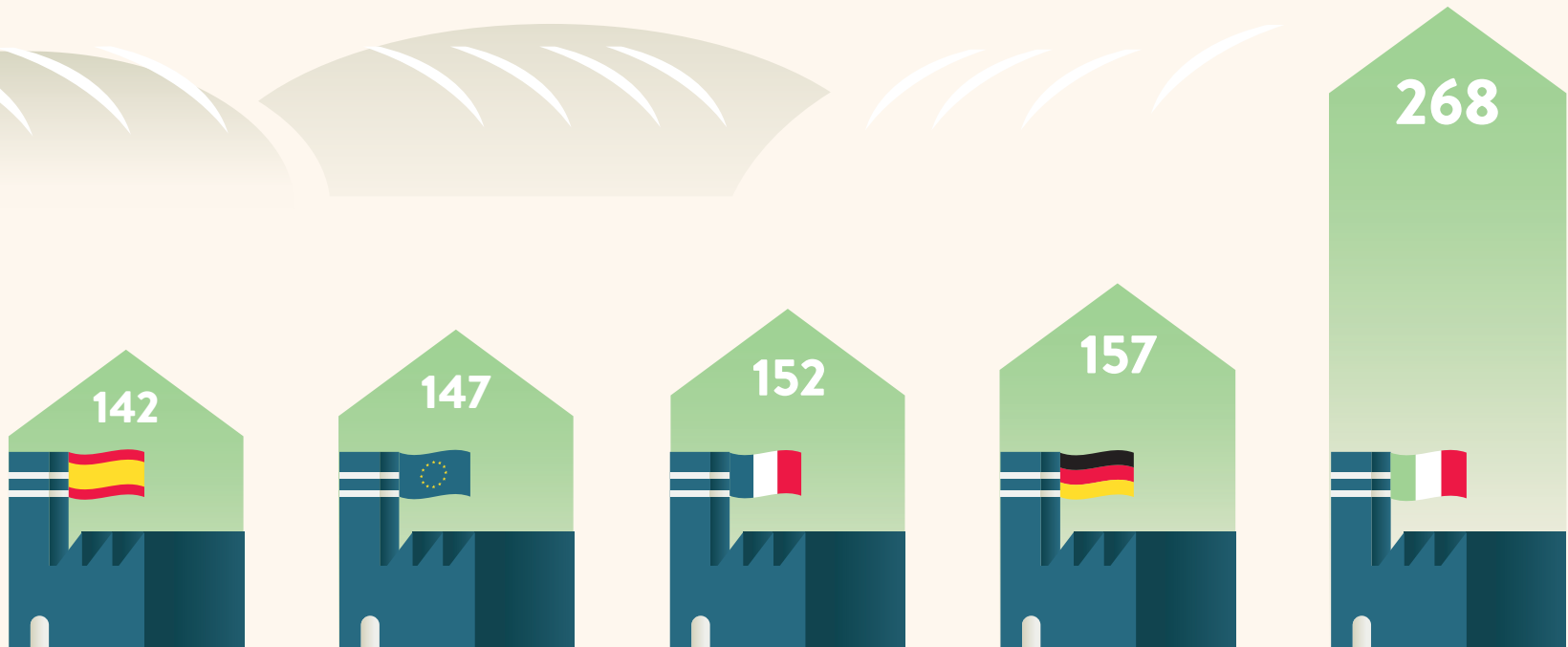


LEADER IN THE CIRCULAR ECONOMY

In Europe, Italy recycles more of its total amount of special and urban refuse than any other country (79.4%), above the European average (48.6%) and that of Germany (69.1%), France (66.2%) and Spain (48.7%). A result that leads to an annual reduction in emissions amounting to 23 million equivalent tonnes of petrol and 63 million equivalent tonnes of CO₂. Thanks to the contribution of secondary raw materials recycled at national level as well as imported secondary raw materials and those internally recycled, the Italian manufacturing industry achieves a circularity rate (ratio between recycled secondary raw materials and the total amount of materials - primary and secondary - used) of around 50%.

01.

Recycling rate over the total amount of refuse (urban and special) in large European countries, 2018, most recent data available (expressed in percentages)

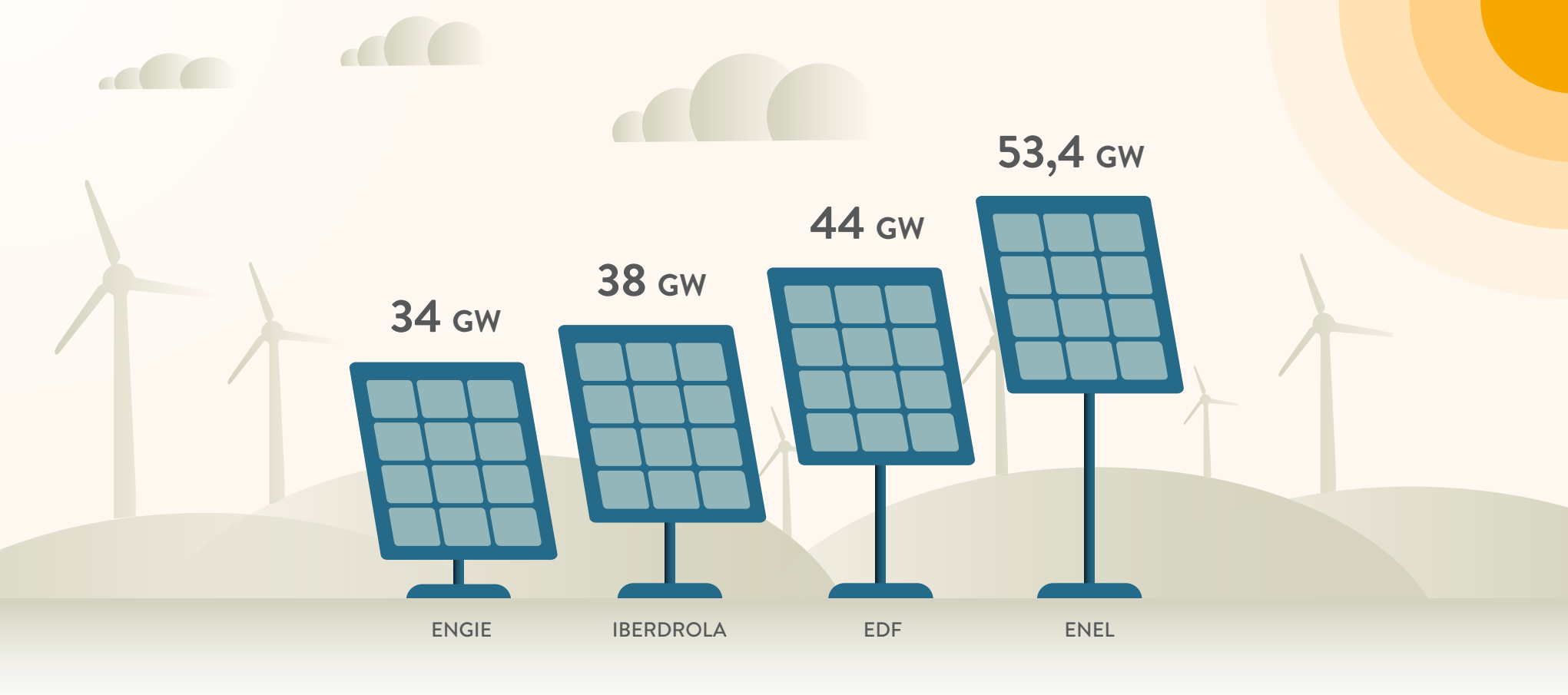


CHAMPIONS OF EFFICIENCY WHEN COMPETING ON GREEN MATTERS AND QUALITY

With a score of 268 points out of 300, Italy leads the way in Europe with its efficiency index for using resources. An indicator that takes into consideration productivity when using raw materials, water, energy and the intensity of GHG emissions. A figure above the European average (147 points) and that of Germany (157), France (152) and Spain (142).¹ In the period between 2008 and 2019, Italy cut its use of raw materials on a par with production by -44.1%, compared to an EU average of -33%. Results linked to green investments: a third of Italian manufacturing companies have made eco-investments over the last five years. On average, these companies have increased their turnover, exports and generated more employment.²

02.

Efficiency score on the use of resources in large European countries according to the Eco-innovation Index, 2021 (absolute values)

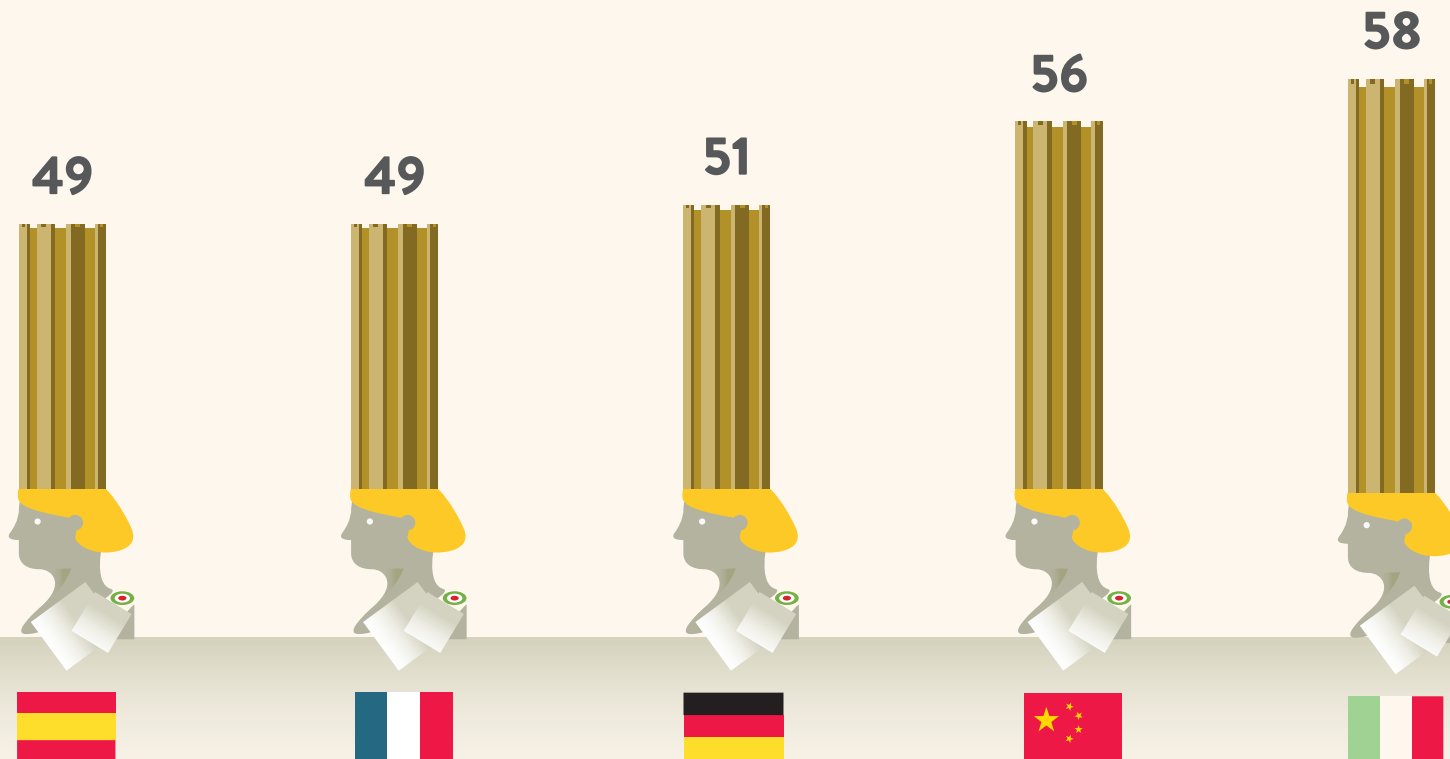


THE WORLD'S **LARGEST** OPERATOR IN RENEWABLES IS ITALIAN

Enel, with its subsidiary company Green Power, is the largest private operator in the world in the renewables sector with 53.4 GW of administered capacity in 2021 from wind, solar, geothermal and hydroelectric plants located in Europe, America, Africa, Asia and Oceania. The Italian company is ahead of other leaders in the industry such as EdF (44 GW- Gross capacity), Iberdrola (38 GW- Owned capacity) and Engie (34 GW- Gross capacity). As of 31 December 2021, Enel's market capitalisation reached a value of 71.6 billion. Recognition of Enel's constant commitment in terms of sustainability is clarified with its position as one of the leaders in the top ESG ratings, as confirmed by the most significant and challenging ESG indexes including the Dow Jones Sustainability World Index and the MSCI World ESG Leaders.

03.

Capacity administered in 2021 (GigaWatt levels)



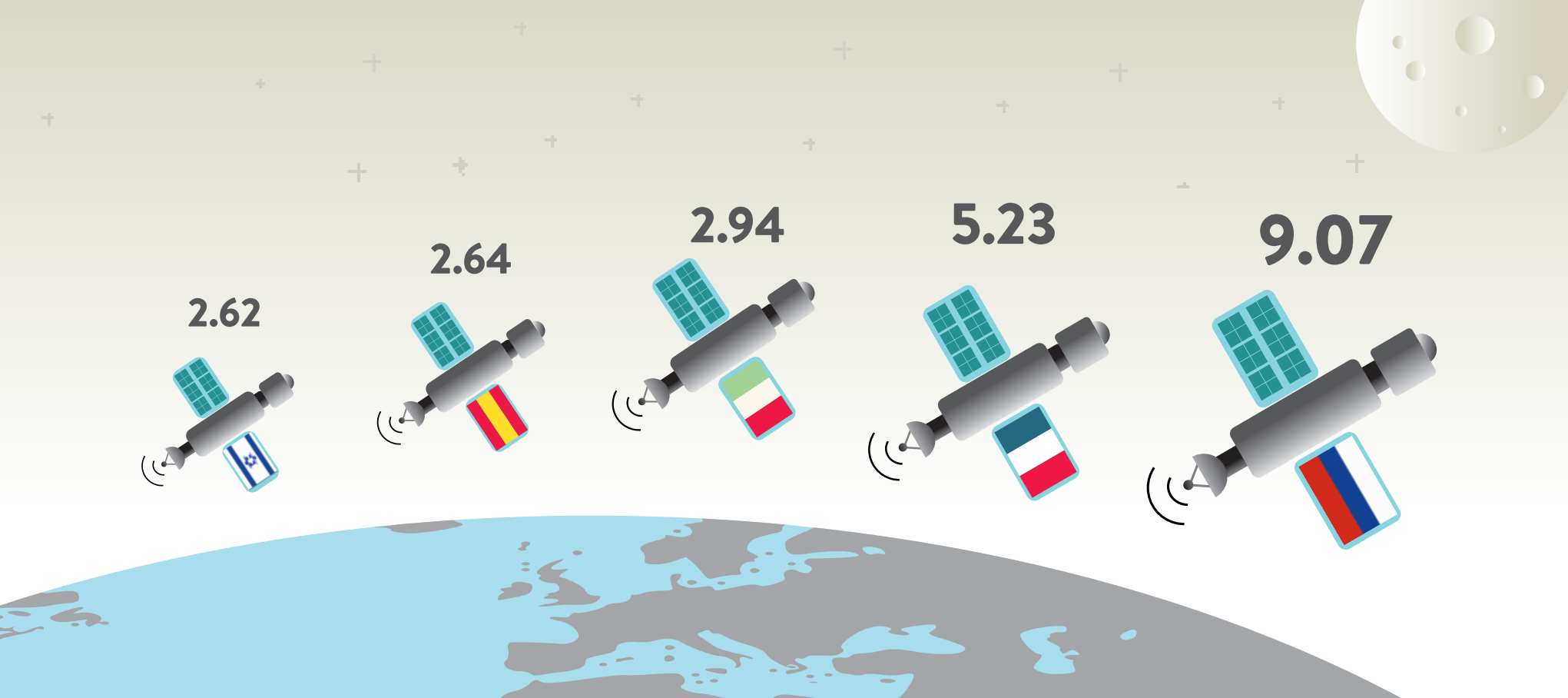
WORLD LEADER FOR UNESCO SITES AND DESIGN

Our country holds first position for the number of sites on the World Heritage List. To date, of the 1,154 sites recognised by UNESCO in 167 countries around the world, 58 are in Italy, followed by China (56), Germany (51) and France and Spain (both with 49).¹ A record that goes hand in hand with Italy's acclaimed ability to work with beauty. Italy has the highest number of design companies in Europe, confirming its position as one of the industry's leaders.² In 2021, the British magazine *Timeout* nominated the Uffizi Gallery in Florence as the best museum in the world, ahead of the Louvre in Paris and the Moma in New York.

04.

Number of sites recognised by UNESCO as world heritage, 2021 (absolute values)

FONDAZIONE SYMBOLA, ITALY IN 10 SELFIES. 2022
SOURCE | ¹UNESCO World Heritage Centre; ²10 Selfies 2021, Fondazione Symbola



ITALY, **THIRD** IN THE WORLD FOR **SPECIALISATION IN SPACE TECHNOLOGIES** AND EUROPEAN **LEADER IN THE OBSERVATION OF THE EARTH**

Italy is third in the world for its level of specialisation in Space technologies (number of patents linked to space industries compared to the overall number of patents), after Russia and France, ahead of Spain and Israel, while it holds fifth place for absolute values with a rate of 4.1%, after the USA, France, Japan and China.¹ Our country is also in fourth place for its exports value in space vehicles (including satellites) and launch pads, with \$130 million in 2019 (\$177 M in 2021). Ahead of Italy is France (\$985 M), USA (\$641 M) and Germany (\$565 M).² Thanks to the ASI COSMO-SkyMed programme, Italy is building a world-first Earth satellite observation system, which can be used to measure the impact of climate change, monitor natural resource management and control natural and anthropic risks, including coastal erosion and pollution.³

05.

Countries with the highest specialisation in Space technologies according to the RTA (Revealed Technology Advantage) Index

FONDAZIONE SYMBOLA, *ITALY IN 10 SELFIES. 2022*

SOURCE¹ Intesa Sanpaolo data processing on OECD data;

² Fondazione Symbola data processing on UN Comtrade data;

³ ASI - Agenzia Spaziale Italiana



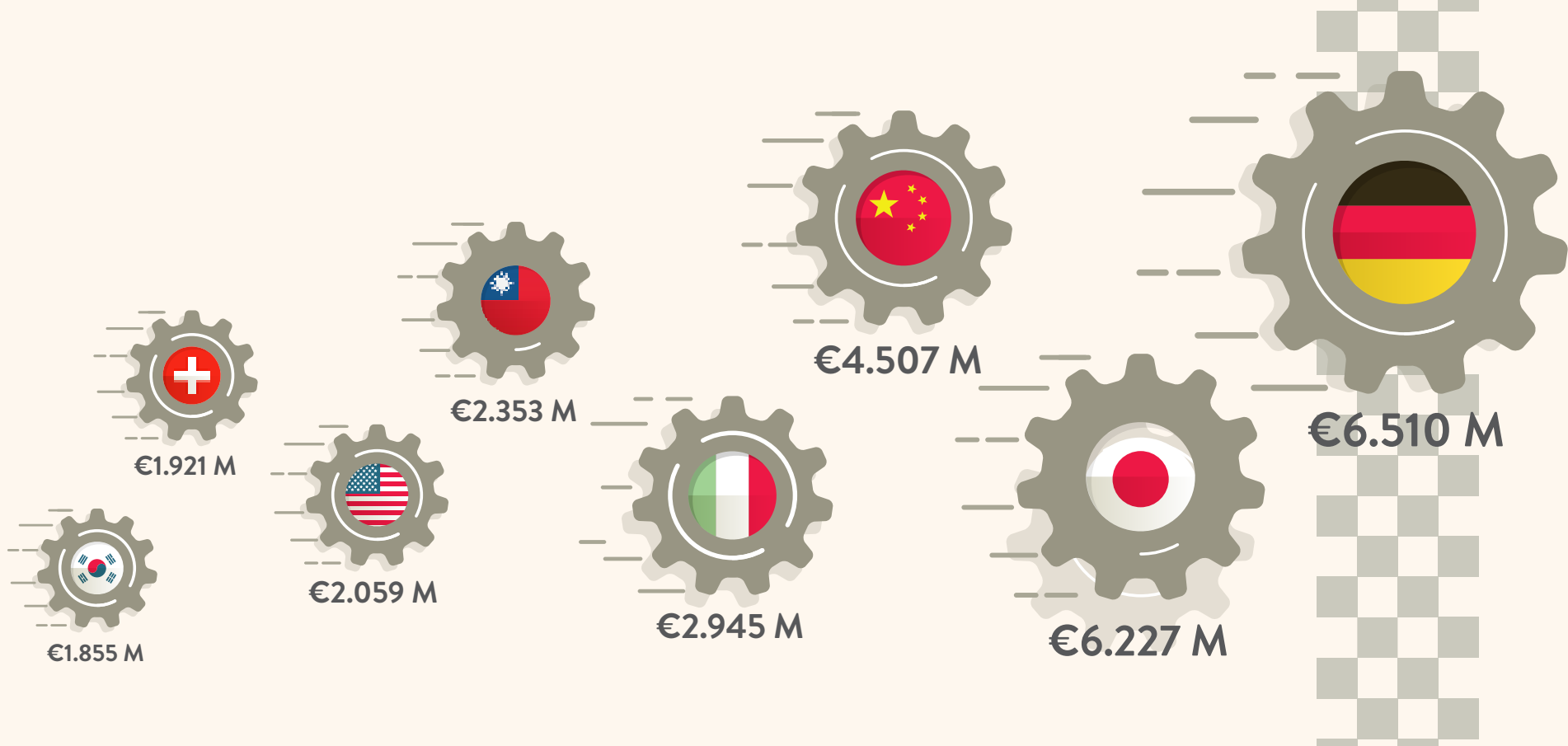
FIRST PLACE TO ITALY IN LOCAL-BASED FOOD-FARMING

Italy has 842 classifications and holds first place in Europe for recorded and protected food-farming and viticulture products: 581 DOP, 257 IGP, and 4 STG. It is followed by France (696), Spain (344), Greece (260) and Portugal (182).¹ The DOP and IGP products contribute to 21% of exports in the Italian food-farming industry, ² which in 2021, achieved a historical record in exports for a value close to 52 billion (+11%). ³ A quality increasingly linked to sustainability: between 2011 and 2019, Italian agriculture recorded a drop of -32% on the use of phytosanitary products, confirming it as the most sustainable in Europe. The Italian industry with 30 M equivalent tons of CO₂ generated is more virtuous than France (76 M t), Germany (66 M t) and Spain (39 M t).⁴

06.

Number of geographical indications (DOP, IGP) and STG recorded in EU for farming and food products, and wines, 2022 (absolute values)

FONDAZIONE SYMBOLA, ITALY IN 10 SELFIES. 2022
 SOURCE | ¹Fondazione Symbola and Fondazione Qualivita on eAmbrosia data; ²Qualivita Data Processing on Ismea-Qualivita data; ³Istat Data; ⁴GreenItaly 2021, Fondazione Symbola and Unioncamere



ITALIAN MECHANICS SECOND IN EUROPE AND **FOURTH IN THE WORLD** FOR THE EXPORT OF MACHINE TOOLS

Fourth in the world for exports value of machine tools for metal machining: with €2,945 million, Italian export equates to 8.2% of the world's total exports in the industry (+12.2% compared to 2020). Italy sits behind Germany (€6,510 M), Japan (€6,227 M) and China (€4,507 M). For years, the average percentage of turnover generated by Italy with foreign markets has stood at 55-60%.¹

There are 15,854 businesses in the mechanical/transport industry that have made green investments in the period between 2016-2020, equating to 40.1% of the industry.²

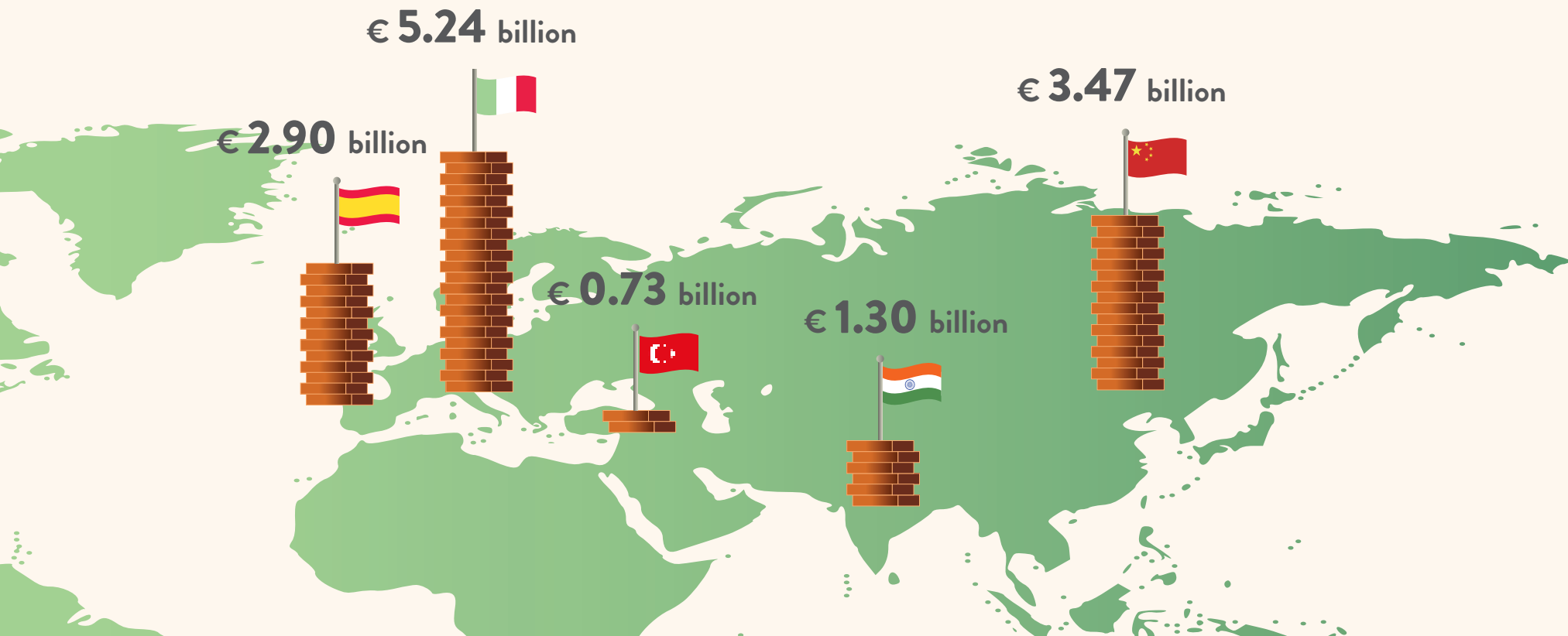
07.

Export value of the main countries exporting machine tools for metal machining 2021 (expressed in millions of Euro)

FONDAZIONE SYMBOLA, ITALY IN 10 SELFIES. 2021

SOURCE | ¹ UCIMU Research Centre on national Associations' data, Gardner Publications, ITC;

² GreenItaly 2021, Fondazione Symbola and Unioncamere



MADE IN ITALY TILES, FIRST IN THE WORLD FOR EXPORT VALUE

Italy is the number one country in the world for export value of ceramic tiles (€5.24 billion), followed by China (€3.47 billion), Spain (€2.90 billion), India (€1.30 billion) and Turkey (€731 M), holding 31% of the total exports value. In 2020, the industry sold 391 million m² of ceramic tiles - 3 times the size of Paris - with a 7% share of the country's balance of trade. A result that is also linked to its environmental commitment in the industry, one of the most efficient in saving water and materials. Thanks to technological development, overall, the production cycles re-use 100% of the waste water and scraps generated during production. A result that makes Italian ceramics one of the most advanced examples of a circular economy in Italy and globally.

08.

Export value of main countries exporting ceramic tiles, 2020 (expressed in billions of Euro)



ITALY, GLOBAL **LEADER** IN **WOOD-FURNISHINGS** THANKS TO SUSTAINABILITY

Italy holds fifth place in the world for balance of trade surplus in wood-furnishings with a value of \$7.2 billion (\$8.0 billion in 2021), preceded by China (\$99.8 billion), Vietnam (\$12.4 billion), Poland (\$11.8) and Canada (\$7.3 billion). In exports, it is in third place in Europe after Germany and Poland with exports of \$14.6 billion.¹ Results linked to the quality and sustainability of national products. Italy holds one of the top positions in Europe with 605 FSC Chain of Custody Certificates for Indoor furnishing, after Poland and Germany.² In addition to this, around 93% of the Italian chipboard panels are produced with 100% recycled wood,³ while 60% of companies restock from renewable energy sources.⁴

09.

Trade balance of the main countries in the wood-furnishings industry, 2020 (expressed in billions of dollars)

FONDAZIONE SYMBOLA, ITALY IN 10 SELFIES. 2022

SOURCE | ¹ Federlegno Arredo Research Centre data processing on UN Comtrade data; ² FSC Italia; ³ 10 Selfies 2021, Fondazione Symbola; ⁴ Fondazione Symbola-FederlegnoArredo Survey, 2021



EYEWEAR, ITALY LEADING IN GLOBAL EXPORTS

Italy is second in the world for exports in the eyewear industry (€3.93 billion) after China (€4.41 billion).¹ The production, destined for over 90% of exports, saw a +4.5% increase in 2021 over 2019. Italy is first in the world for exports and the production of sunglasses and frames at the high-end level of production, with a market share in excess of 70%. A leadership based on the quality of the 848 businesses that employ 18,000 workers.²

10.

Export value of the main export countries of sunglasses and frames, 2021 (expressed in billions of Euro)



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SYMBOLA – FOUNDATION FOR ITALIAN QUALITIES

Symbola - from ancient Greek, means “putting together” - was created to combine and promote a development model focusing on quality: the soft economy, which brings together tradition, territory, technological and research innovation, that combines competitiveness and appreciation of the human capital, economic development and respect for the environment and human rights. A development model aimed at sustainability based on the green economy, the role of culture and creativity, social cohesion and the circular economy. Symbola - Foundation for Italian qualities - is a cultural movement that links up figures from the world of economics and entrepreneurship, as well from community citizenship, territorial and institutional situations, and from the world of culture and performances. Symbola addresses society, the economy, institutions and politics thanks also to its in-depth analysis and research. All the reports published - among the main GreenItaly ones, include Cultura, Coesione è Competizione, and I.T.A.L.I.A. The layout of the new Made in Italy - can be consulted and downloaded from the website.

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