

WASTE REUSE CIRCULAR DIAGRAM

WASTE REUSE



HOW DOES CARBON FOOTPRINT

Work?

1

What is it?

Your carbon footprint is the amount of carbon dioxide (CO₂) and other greenhouse gases you cause to be released into the air through your daily activities.



2

Causes?

Things like driving cars, flying, using electricity, eating meat, and buying products all burn fossil fuels — which release CO₂.



3

Does it matter?

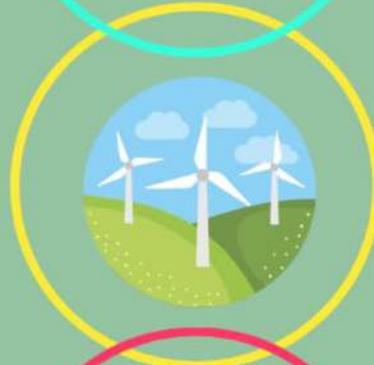
More CO₂ in the atmosphere means more heat is trapped, causing global warming and climate change.



4

Reduce it!

Invest in green energy, set carbon related regulation, eat locally grown products, better public transportation network, say no to fast fashion



5

What can you do?

You can reduce your carbon footprint by using less energy, traveling cleaner, eating more plants, and creating less waste.



WASTE REUSE

1 RAISE AWARENESS

Share or
Reuse
Ideas on
Social
Media

2 SHARE AND SWAP

Give items
to your
friends,
exchange
clothes

3 UPCYCLE

Transform a
used
product into
a recycled
bag

4 REUSE

Use water
bottles,
plastic
bags, glass
jars again



WASTE, REUSE, RECYCLE

PROTECT THE PLANET FOR A SUSTAINABLE FUTURE!

WASTE



WASTE

59 MILLION  tonnes of food are wasted in the EU every year.

Source: Eurostat (2020)



40% of plastic waste in the EU is used just once and then discarded.

Source: Eurostat (2022)

80% of marine litter in Europe is made up of plastic.

Source: European Environment Agency (2015)



STOP WASTING!

Source: European Environment Agency (2023)

REUSE



REUSE

550 MILLION single-use plastic bottles are bought every week in Europe.

Source: Reloop (2025)

95% less energy is used to make recycled aluminum cans



compared to new ones.

Source: European Aluminium (2023)



REUSING 1 kg of textile prevents up to **25 kg** of CO2 emissions.

REUSE MORE!

Source: European Environment Agency (2025)

RECYCLE



RECYCLE

48% of municipal waste is currently recycled in the EU.



Source: Eurostat (2025)

RECYCLING creates up to **700 000 jobs** across Europe.



Source: European Environment Agency (2025)

RECYCLING 1 ton of plastic saves **2,000 litres** of oil and **2,000 kWh** of energy.



Source: PlasticsEurope (2016)

RECYCLE MORE!

Source: PlasticsEurope (2015)



33 MILLION TONS of plastics are in European seas.

33 MILLION TONS of plastics are in European seas.



Source: European Environment Agency (2025)



AND RECYCLED MATERIALS COULD MEET **30%** of RAW MATERIAL DEMAND.

Reduce Waste

01

Go Reusable

Use cloth bags, refillable bottles, and containers instead of disposable ones



02

Avoid Disposable Items

Say no to plastic cutlery, paper plates, and straws—opt for durable alternatives



03

Go Digital

Use digital files instead of printing. Pay bills online, read e-books, etc.



04

Repair Instead of Replace

Fix broken items (clothes, electronics, furniture) instead of tossing them.



05

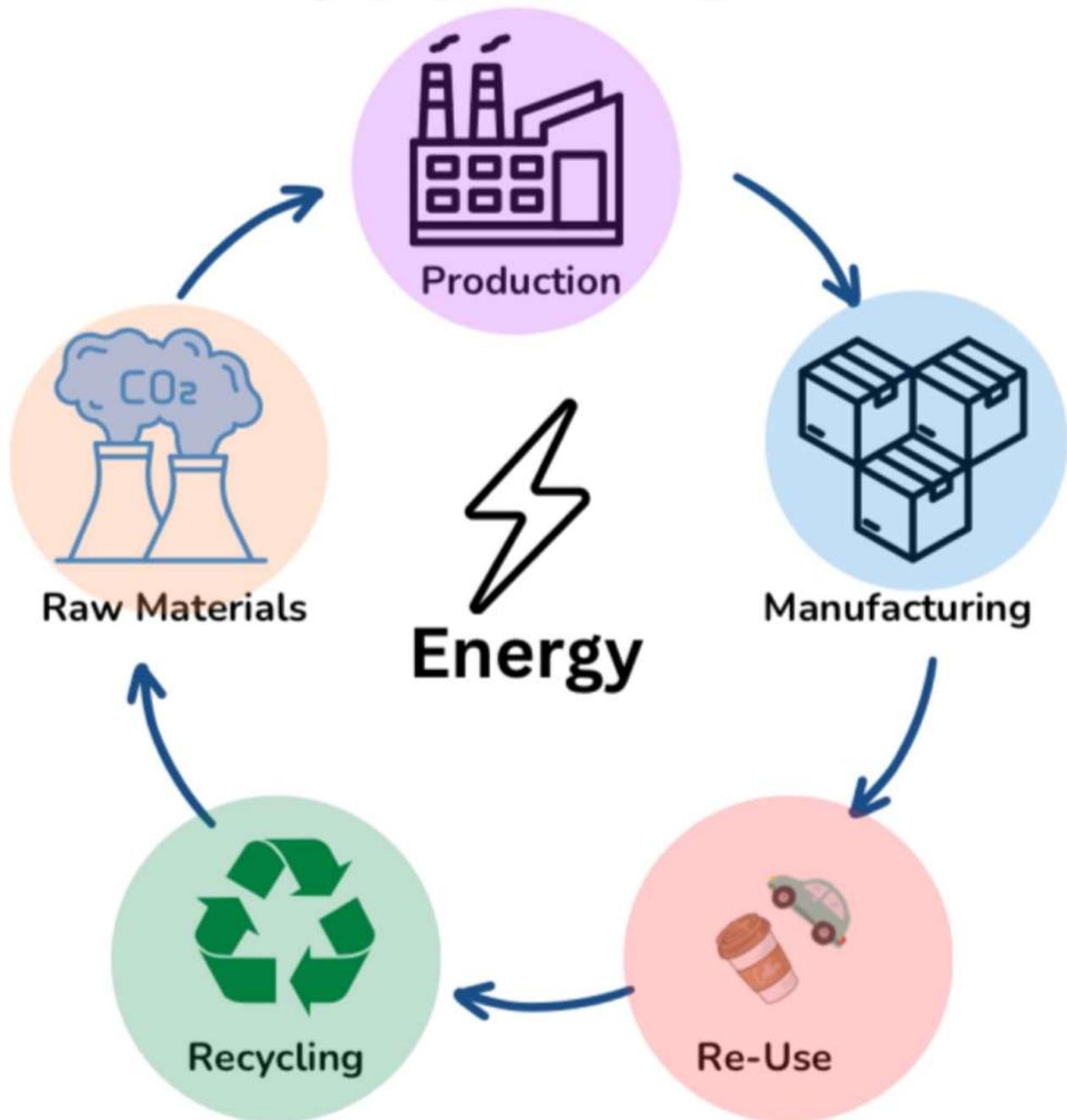
Shop Smart

Choose quality over quantity. Pick long-lasting, eco-friendly products with minimal packaging



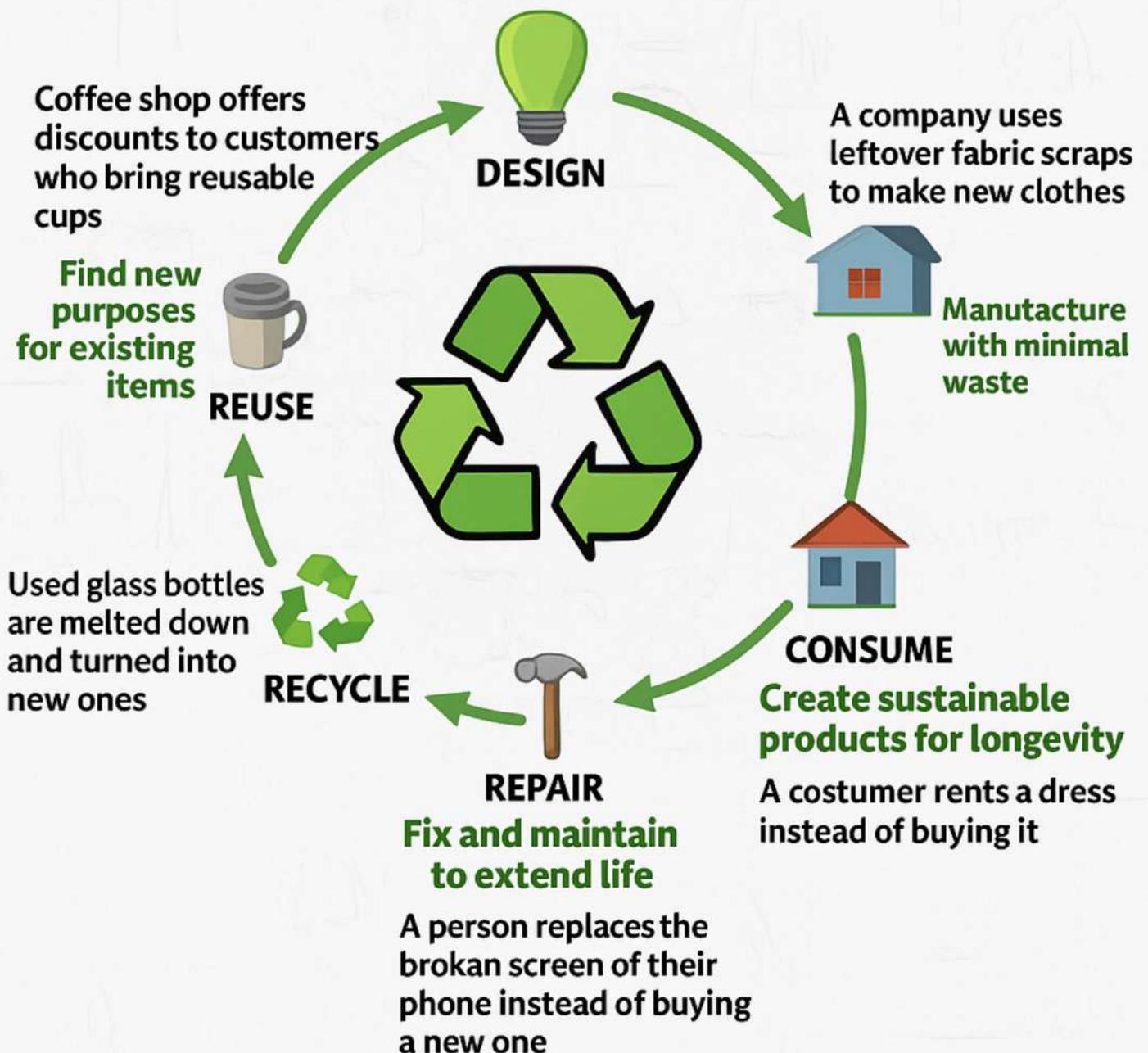
→ Good job!

Recycling Waste



THE SCHEME OF CIRCULAR ECONOMY

A chair made from recycled plastic designed to be easily disassembled



Replace waste

REPLACING WASTE MEANS FINDING ALTERNATIVES TO THROWING THINGS AWAY BY CHOOSING REUSABLE, RECYCLABLE, COMPOSTABLE, OR MORE SUSTAINABLE OPTIONS.

HOW TO DO IT?



1

Try not to use non-reusable plastic bottles. Use ones made of glass instead!

2

Replace normal energy with green energy generated by solar panels.



3

Replace plastic bags with cloth totes!

4

Use bamboo toothbrushes instead of plastic ones.



MESSAGE

UNNECESSARY REPLACEMENT OF USABLE ITEMS, LEADING TO MORE COST AND ENVIRONMENTAL HARM



WASTE, REUSE, RECYCLE

in EUROPE



WASTE

225 MILLION TONNES
OF MUNICIPAL WASTE
GENERATED IN THE EU (2020)



Average
505 kg
of waste per person
per year

ONLY **23%**
OF PLASTIC WASTE
IS RECYCLED IN THE EU

8.4 MILLION
TONNES OF PLASTIC
WASTE LANDFILLED
ANNUALLY

REUSE

71% 
OF EUROPEANS SUPPORT
REUSABLE PRODUCTS



€12 BILLION
PER YEAR
Lost due to premature
disposal of reusable goods

 **CO₂**
REPAIRING AN ITEM
CAN SAVE UP TO **91%**
OF THE CO₂ EMISSIONS
COMPARED TO MAKING NEW

RECYCLE

48% 
RECYCLING RATE
OF MUNICIPAL WASTE
IN THE EU (2020)

58.6% 
OF PACKAGING
WASTE RECYCLED

 **65%**
EU TARGET:
RECYCLING RATE
OF MUNICIPAL
WASTE BY 2035

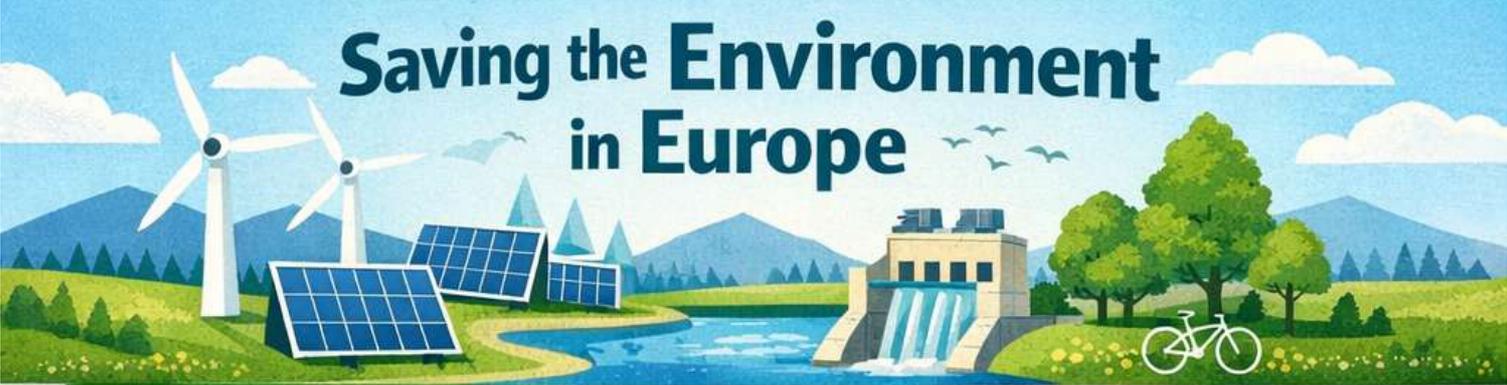


REDUCE, REUSE, RECYCLE
FOR A GREENER FUTURE



Sources: Eurostat, EEA, European Commission

Saving the Environment in Europe



Renewable Energy

39% of Europe's electricity came from renewable sources in 2020.

EU Target: 55% renewable energy by 2030.



Reducing Emissions

31% reduction in greenhouse gas emissions in the EU since 1990.

Goal: Carbon neutrality by 2050



Waste Recycling

48% of municipal waste in the EU is recycled.

Over **60%** of packaging waste is recycled.



Protecting Nature

18% of Europe's land and **10%** of its marine areas are protected as part of the Natura 2000 network.



Water Conservation

80% of Europe has decreased by **20%** since 1995.

80% of Europe's groundwater is in good condition.



— Together for a Greener Future! —

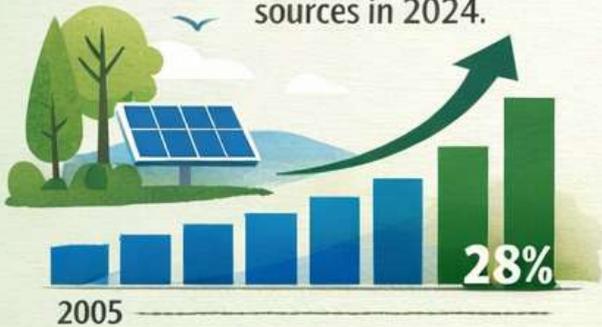


Europe:

Towards a Sustainable Future

Renewable Energy in the EU

28% of the EU's energy came from renewable sources in 2024.



Cutting Emissions

EU Greenhouse Gas Emissions

-38% since 1990



Net Zero
by 2050 Goal

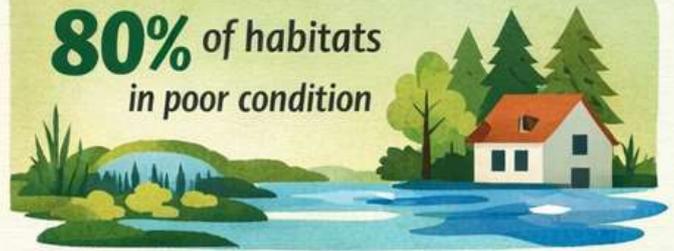
2050

Biodiversity at Risk

1 in 3 species in Europe is threatened



80% of habitats in poor condition



Extreme Weather Impacts

€20 Billion in damages from floods & storms in 2024



500,000+ People affected by climate disasters

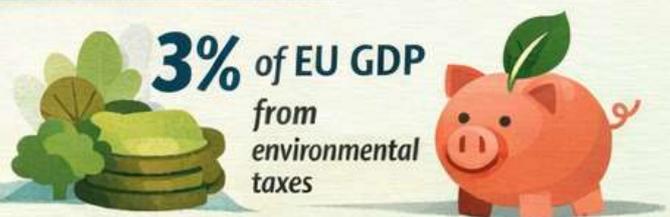


European Support for Climate Action

92% of Europeans see climate change as a serious problem



3% of EU GDP from environmental taxes



Urgent action is needed for a greener, sustainable Europe!

Germany's Recycling Success



Leader in the EU

67%

Municipal Waste Recycling Rate

Germany recycles about **67%** of its municipal waste, one of the highest rates in the EU.



Overall Packaging Waste Recycling Rate

80%+

Germany recycles over **80%** of all packaging waste – well above the EU average of **64.6%**.



Bottle Deposit-Return System (German "Pfand" System)

98%+ Plastic Bottle Return Rate

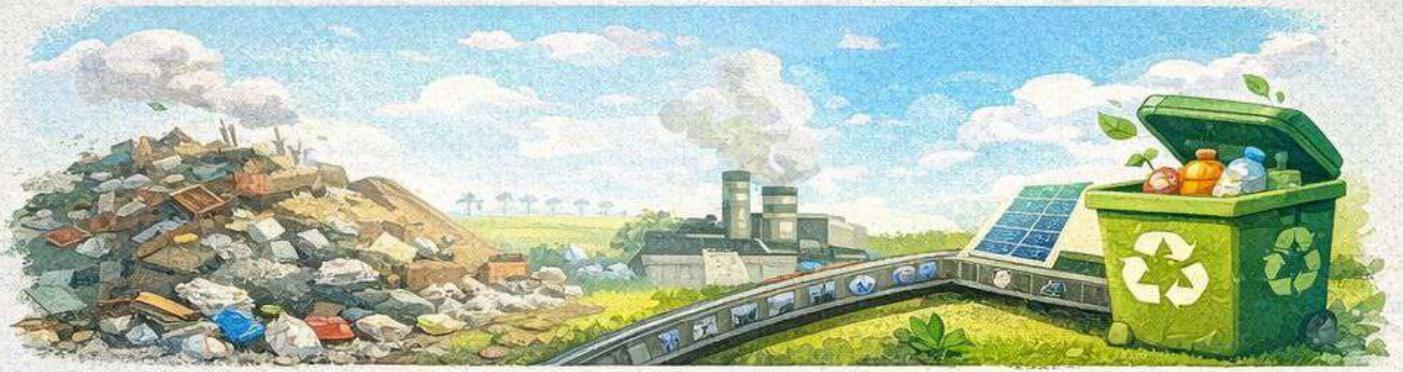
Germany's 'Pfand' system has led to a **98%+** return rate for single-use plastic bottles.

<1%



Germany is a European recycling leader, setting a high standard for the **circular economy** in the EU.





EU Recycling Progress

2004

2004 EU Circularity Rate

In 2004, only **8.3%** of all materials used in the EU came from recycled sources.

2024 EU Circularity Rate

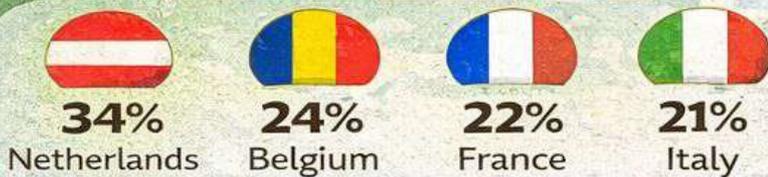
By 2024, this increased to a record high of **12.2%**, as more materials are recycled and reused.

2024



2030 EU Circularity Goal

Top Countries in 2023



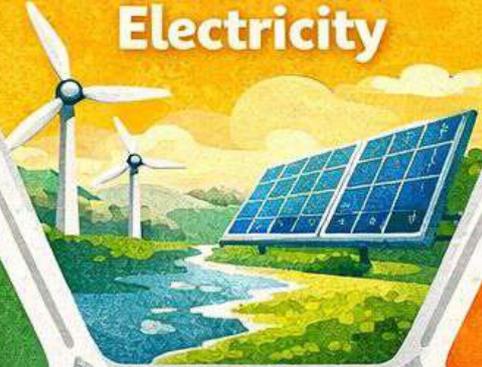
~24%
EU Circularity Goal.



DRIVE A CIRCULAR ECONOMY



Renewable Electricity



Nearly Tripled Renewable Share

EU renewable electricity share rose from **15.9%** in 2004 to **47.5%**



Circular Economy

11.8%

circular material use rate of the EU in 2023



Good Green Practices in Europe

Countries with >75% Renewable Electricity

Austria, Sweden, Denmark



Countries with >75% Renewable Electricity

Austria, Sweden, Denmark produce over **75%** of their electricity from renewables



Organic Farming

10.8%

of EU agricultural land was organic by 2023



Green Jobs

6.67M people worked in green jobs in the EU in 2022



Sources: Eurostat, European Environment Agency