



**Meet the circular economy
REMONDIS**

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„Grüner wird's nicht –
Kreislaufwirtschaft / Circular Economy“

Ost-Ausschuss der deutschen Wirtschaft e.V.

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www.remondis.de

RETHMANN Group

Activities and key figures 2022

	Revenue*:	ca. 24.7 bn €	
	Equity:	ca. 5.1 bn €	
	Consolidated entities:	1,530	
	Employees:	90,000	

34,0%

- Recycling
- Services
- Water

▪ Revenue 2022 (€ mn)	12,600
▪ Employees 2022	41,000

- Automotive
- Contract Logistics
- Overland Transport
- Port Logistics
- Air & Ocean

▪ Revenue 2022 (€ mn)	8,600
▪ Employees 2022	39,000

- Food & Pharma
- Organics 2 Power (O2P)
- Sinova

▪ Revenue 2022 (€ mn)	3,700
▪ Employees 2022	10,000

- Connected mobility and innovative on-demand solutions
- Operator and global integrator of innovative mobility solutions
- Operator of public transport networks (rail, bus, ferry, tram, cable car)

▪ Revenue 2022 (€ mn)	7,700
▪ Employees 2022	84,000

* The difference to the individual values of the three corporate divisions results from the consolidation at overall Group level. Excluding Transdev.

REMONDIS Group

Facts and figures



Family-owned company

Fields of business



Water



Recycling



Services

> 12.6 bnEUR

revenue



> 41,000

employees



11,000

company-owned commercial vehicles



> 500,000 t

CO2-savings at our HQ



> 1,000 locations

in over 30 countries around the world



> 30m t

raw materials/year



> 300

water management facilities



> 1,000

plants & facilities



> 200,000

industrial & commercial customers

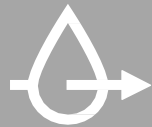


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Water, Recycling, Services



WATER



- ↳ WATER SUPPLY
- ↳ SEWAGE DISPOSAL
- ↳ PHOSPHORUS RECYCLING
- ↳ INDUSTRIAL WATER MANAGEMENT
- ↳ SERVICES

RECYCLING



- ↳ LOGISTICS
- ↳ PROCESSING
- ↳ TREATMENT
- ↳ SORTING
- ↳ ENERGY RECOVERY

SERVICES



- ↳ INDUSTRIAL SERVICES
- ↳ POWERPLANT SERVICES
- ↳ DISMANTLING OF INDUSTRIAL FACILITIES
- ↳ REMEDIATION SERVICES
- ↳ TAKE-BACK SYSTEMS

REMONDIS Group

Besides recycling for municipalities, commerce and industry, Focus on various other material streams



Minerals, Building Supplies

REMEX
Experts for remediation services, building materials and handling mineral waste.



REMONDIS Industrie Service
Your expert partner for managing the safe recycling and disposal of hazardous materials.



Compost, Earths

RETERRA Service
Expertise and services covering all aspects of recycling organic materials.



REMONDIS Medison
Specialists in the thermal and material recycling of medical waste.



Paper

REMONDIS Trade and Sales
Specialists in handling paper.



BUCHEN
An experienced industrial service provider for cleaning, recycling and remediation work.



Metals

TSR
A strong business partner for recycling metals and supplying material to the steel, copper and aluminium industry.

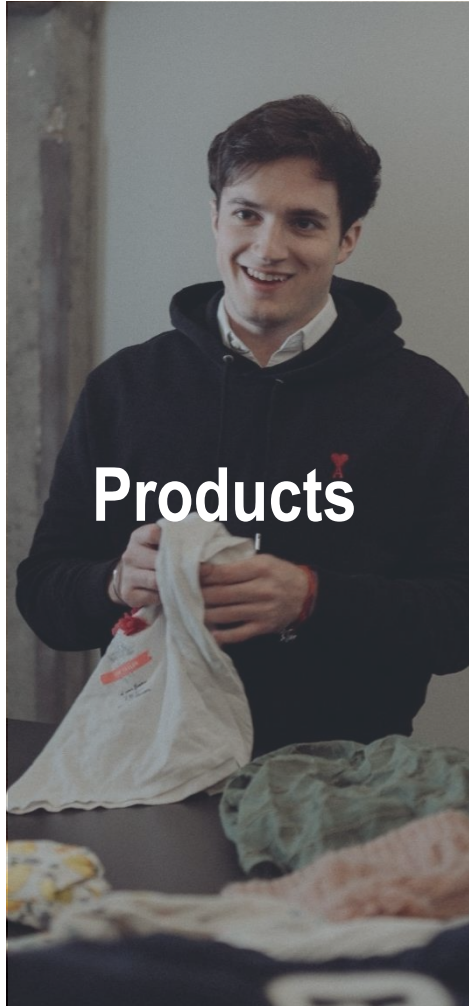


XERVON
A strong business partner for serving complex industrial facilities.

REMONDIS Digital - Innovation Hub

Selected innovations in circular economy

INNOVATION HUB



DATAFLEET

Digital road control
through AI



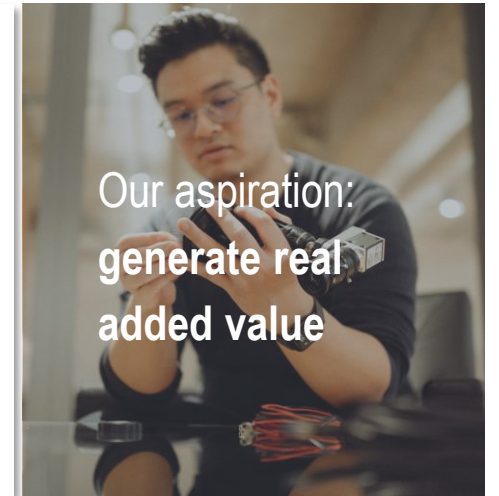
BINITY

Digital
tour planning



**BINITY
INDUSTRY**

Digital
plant disposal



MAEX

Digital
recycling centres



MIXX HUB

Digital
collection station



CORTEXIA

Digital measurement of
urban cleanliness through AI



TextilTiger

Digital used
clothing logistics

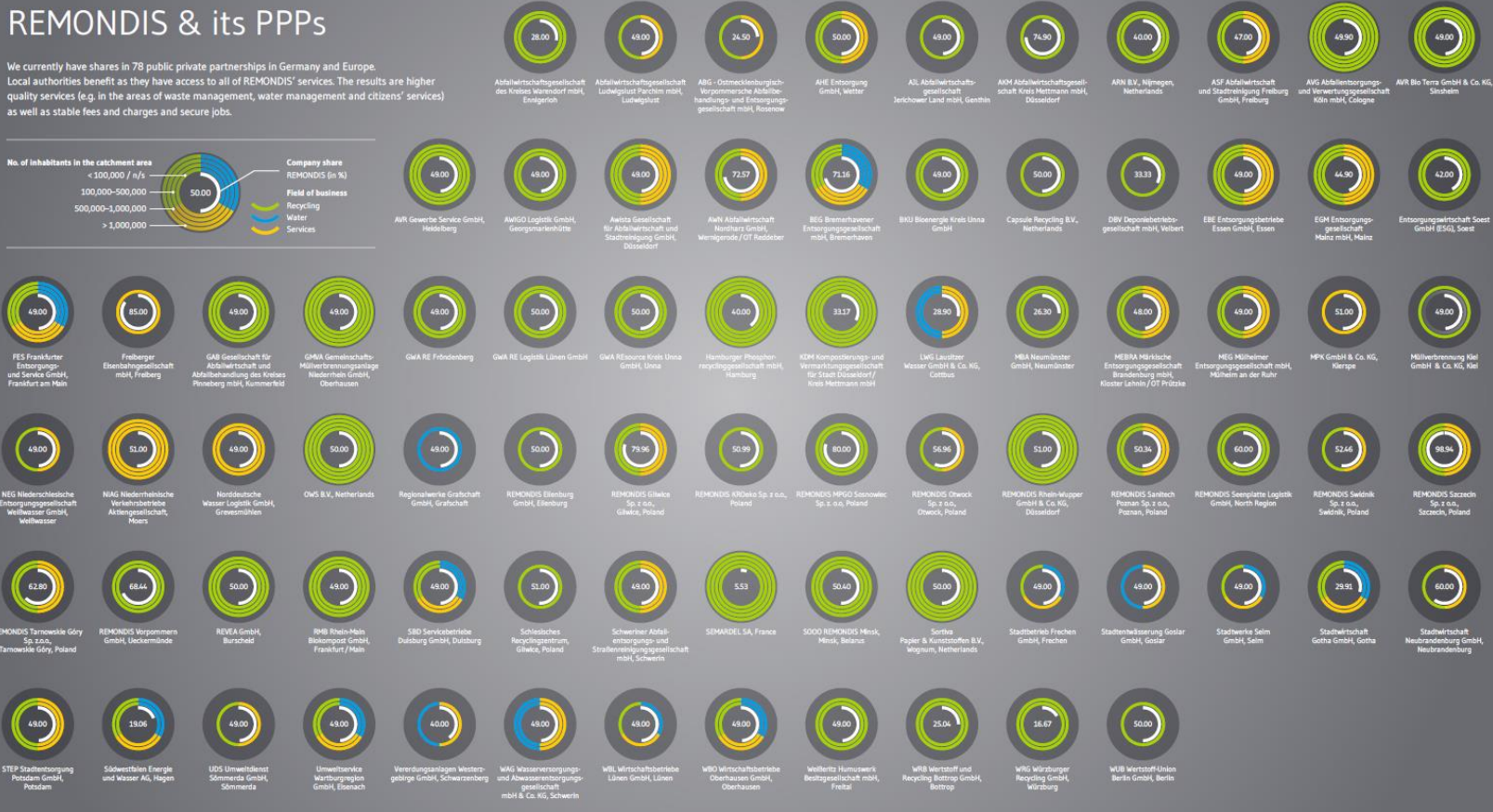
Public-Private Partnerships (PPP) / Joint Ventures

>100 PPPs worldwide | >12.000 employees worldwide



REMONDIS & its PPPs

We currently have shares in 78 public private partnerships in Germany and Europe. Local authorities benefit as they have access to all of REMONDIS' services. The results are higher quality services (e.g. in the areas of waste management, water management and citizens' services) as well as stable fees and charges and secure jobs.



Why do we need companies acting in the field of circular economy?

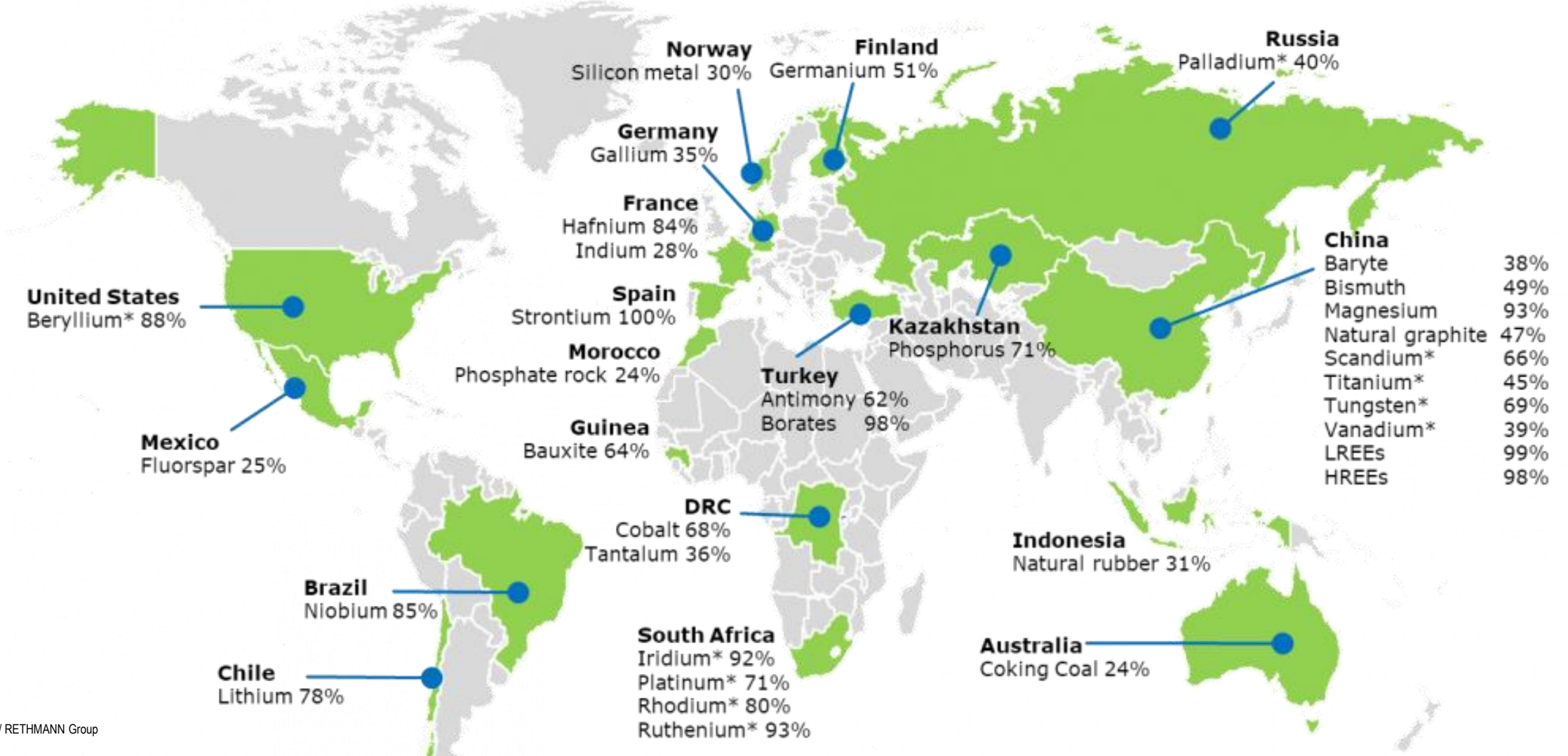
A satellite view of the Earth, showing the continent of Europe in the upper right and the northern part of Africa in the lower right. The ocean is a deep blue, and the land is a mix of green and brown. The text is overlaid on the left side of the image.

May 4th - German Overshoot Day

On May 4, Germany used up its available natural resources, which should have lasted for the entire year. To protect our resources, we must consistently recover them and keep them in circulation. The recycling industry offers countless solutions. However, without the will and support of politics and industry, we will continue to run into global overload.

Dependency on foreign countries, political systems, ...

Countries with the largest share of EU supply of critical raw materials



Large potential in anthropogenic material flows must be exploited


Example from Germany for the collection of recyclable materials from households

Q & A

What percentage of residual waste doesn't belong there?



REMONDIS®



a whole **67,4 %**

Biowaste (39,3%) and **recyclables (27,6%)** make up most of it.

REMONDIS®

Large potential in anthropogenic material flows must be exploited

Example from Germany for the collection of recyclable materials from households

Q & A

percentage
residual was
doesn't belong
there?

„Humans remain the best sorters“

Regulations

How to exploit?

a whole %

AI, waste scanners, ...ables (39,3%)
(27,6%) make up most of it.

„Pay as you throw systems“

REMONDIS®

Excursus on regulations: Implementation of CO₂ tax for waste incineration plants

National solo run action of Germany and its European wide impact



CO₂ tax as a steering method itself is thought through, however, if there is no European wide approach, but a national solo run, the regulation might not be effective.

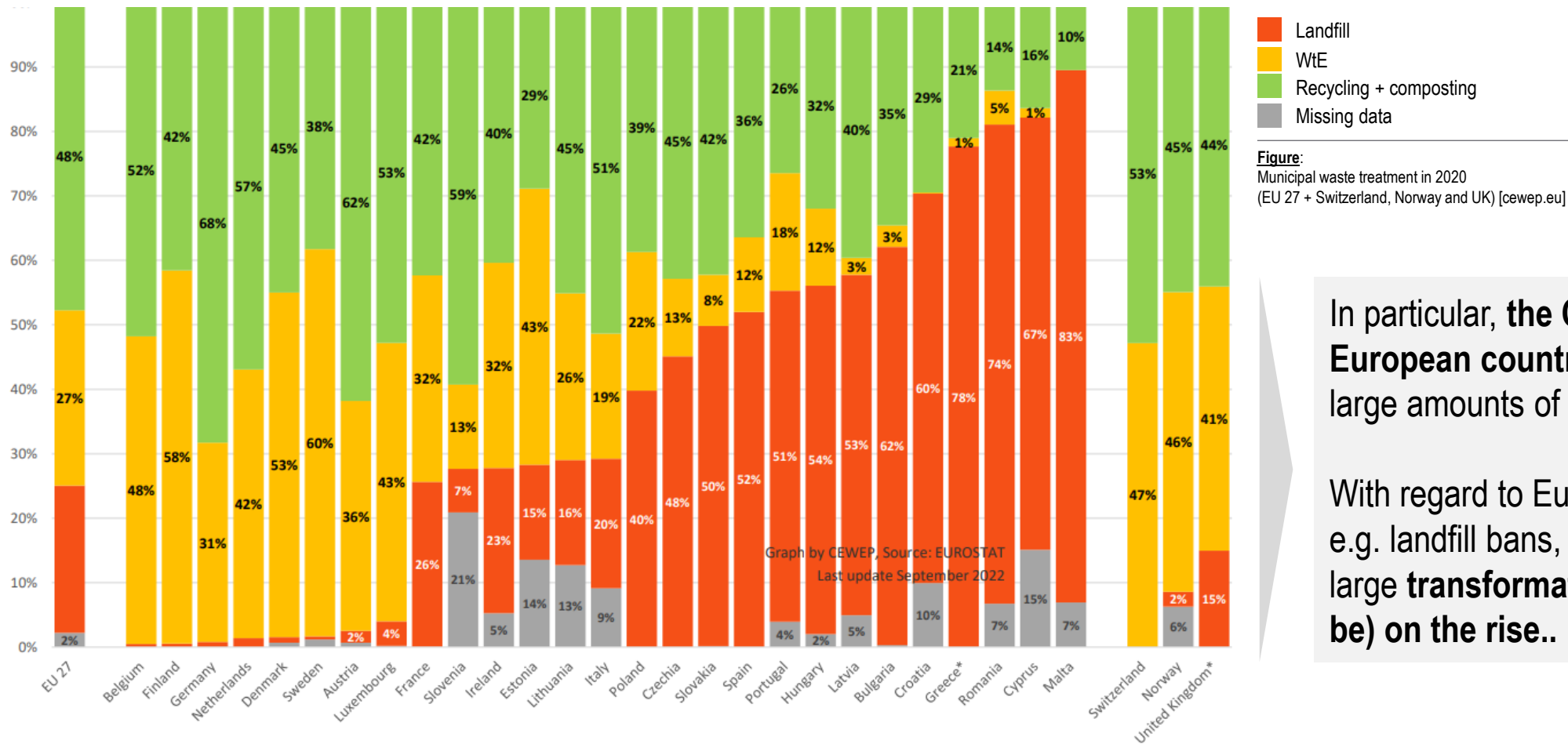
Large amounts of residual waste are exported to foreign countries w/o CO₂ tax, hence increased transportation (+CO₂).

Energy & heat must be generated otherwise, e.g. through incineration of fossil fuels.

In the **worst case**, waste masses find their way to a landfill (+CO₂) ...

Large potential in anthropogenic material flows must be exploited

Comparison between EU-countries: local environment might impede exploitation.



In particular, the **Central Eastern European countries** still landfill large amounts of valuable material.

With regard to European legislation, e.g. landfill bans, recycling targets, ..., **large transformations are (should be) on the rise..**



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The REMONDIS Lippe Plant looks like an industrial park but has the ecological footprint of 25,000 hectares of forest.