



LEADING THE FIELD IN
SUSTAINABLE WASTE MANAGEMENT

2020 IN FACTS AND FIGURES

ENSURING A **CLEAN AND SAFE CIRCULAR ECONOMY**



MOVING SAFELY TOWARDS A CIRCULAR ECONOMY TOGETHER

For Indaver, the circular economy is the only sustainable way to achieve a global balance in terms of the distribution of prosperity and wellbeing. Waste plays an essential role in that. As an 'enabler' (facilitator) we create value from waste streams. Simultaneously, as a 'gatekeeper' we offer a safe and sustainable solution for hazardous waste and prevent it from ending up in the environment or the food and materials chains. In 2020, when the coronavirus hit, the importance of this role once again became clear.

"We want to play a key role in the circular economy.

By doing so, we are creating added value for our customers and for society."

*Paul De Bruycker,
Indaver CEO*



WE BELIEVE VALUE CREATION IS OF PARAMOUNT IMPORTANCE and we apply our knowledge and experience to ensure waste streams are used as effectively as possible. Indaver supplies secondary materials and sustainable energy to the circular economy. That way, we create value and contribute to the sustainable production of raw materials.

WE RETURN RAW MATERIALS TO SOCIETY and help to close materials loops. As a waste management company we are a part of the chain that is working for the circular economy. Indaver works in an energy-efficient manner to reduce CO₂ emissions as much as possible.

WE CREATE THE SPACE FOR OUR STAFF to develop their talents sustainably and increase their current expertise. As a sustainable employer, Indaver is always looking for innovative solutions and new perspectives for complex waste issues.

WE COMBINE COMPETITIVE ENTREPRENEURSHIP WITH SUSTAINABLE BUSINESS PRACTICES, which, in our opinion, is the best way to move towards a circular economy. Indaver proves that ecology, corporate social responsibility and economy can go hand-in-hand.

GATEKEEPER OF THE CIRCULAR ECONOMY

Every year, Indaver manages around 5 million tonnes of waste streams, both hazardous and non-hazardous. We recover as many materials and as much energy as possible from these waste streams. Indaver ensures that hazardous substances do not go back into the circular economy.

ENABLER

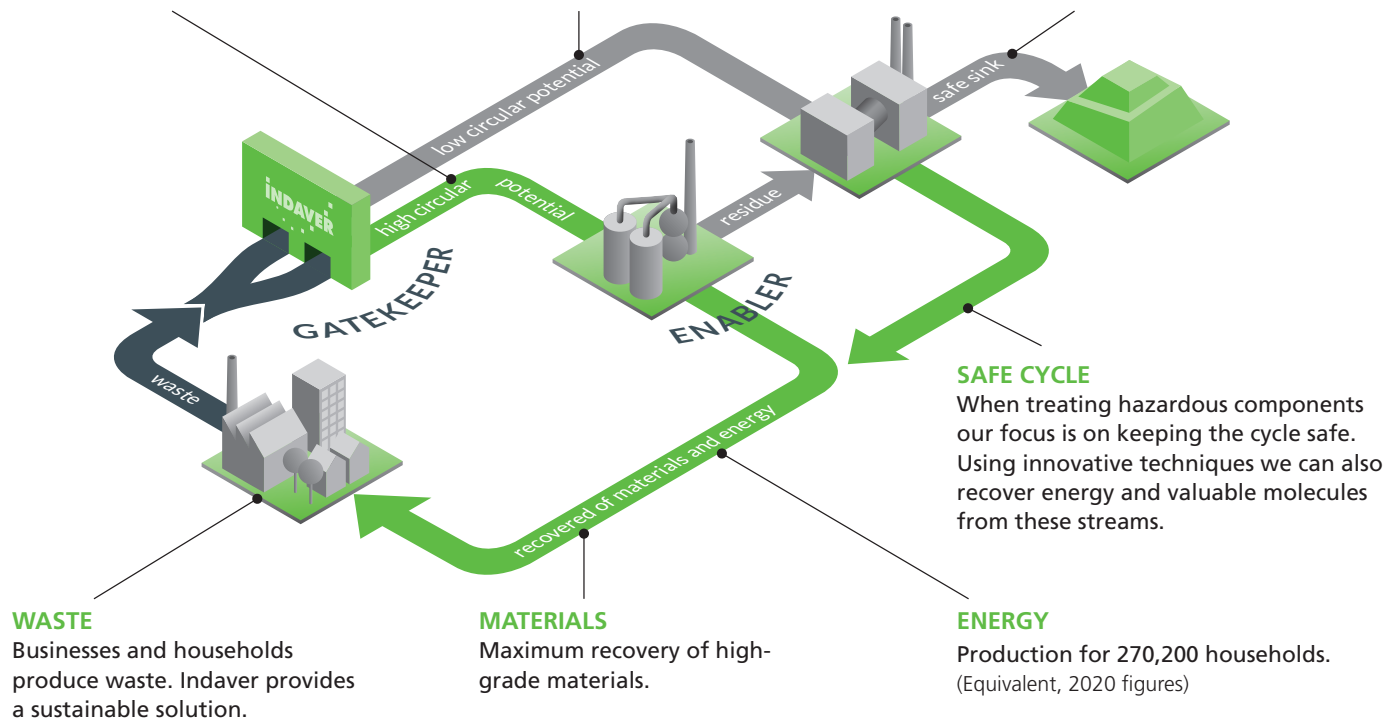
Waste products in the green chain are relatively pure and therefore have a high circular potential. We recover as many materials and as much energy as possible from this.

GATEKEEPER

Waste products in the grey chain contain hazardous substances, also known as contaminants, and have a low circular potential.

SAFE SINK

With specialist facilities we guarantee a 'safe sink': we destroy and/or neutralise all hazardous substances or store them safely in a landfill, thus keeping the materials chain safe.



CLOSING MATERIALS LOOPS

SAFE AND EFFICIENT

Our mission is: to create value from waste, from both industrial and public customers.

With our high-tech facilities we recover as many valuable materials as possible from the waste that we treat. The increasingly complex composition of waste requires the appropriate treatment solutions. Indaver continually invests in the technological innovations required to recover materials, so that they satisfy the strict requirements set by the market. Consequently, thanks to our Molecule Management approach, we are able to break waste substances down to a molecular level. We supply the materials that we recover back to the industry as secondary materials.

We destroy waste streams that contain hazardous components, or we store them safely in our landfill sites, thereby protecting the environment and the materials loops.

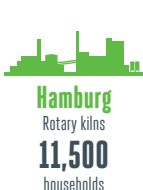
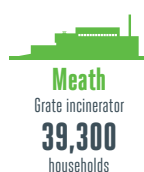
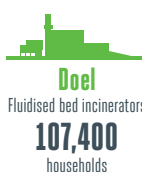
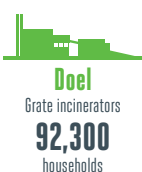
GENERATING ENERGY

Our processing facilities for household and similar commercial waste and for hazardous industrial waste, generate energy. Indaver then uses that energy again itself during the treatment process. Additionally, we supply energy to third parties in the form of steam, electricity or heat.

Some of our landfill sites produce landfill gas, which we convert into electricity. From the VFG waste treated by the composting facility in Alphen aan den Rijn (NL), we produce green gas, which we supply to the network.

If Indaver converted all of this energy to electricity, it could provide 270,200 families with power each year, based on an average use of 3.5 MWh per family/year, or 1,500 m³ of natural gas.

Energy for 270,200 households



INNOVATIVE SOLUTIONS



NEW PMD-SORTING FACILITY READY FOR MORE PLASTICS

Indaver has invested in a new sorting infrastructure for packaging materials at its Recycling Centre in Willebroek (Belgium). This PMD sorting facility can sort 14 types of packaging and **achieves a particularly high level of purity**. This makes high-quality recycling possible. The new facility responds to the ambitious European and Flemish goals for recycling plastic packaging.

E-WOOD UNDER CONSTRUCTION

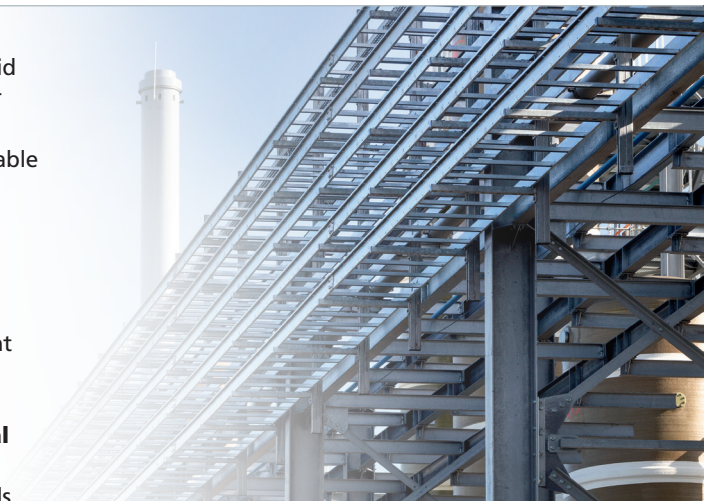
In Doel (Belgium), Indaver is constructing a power station for wood waste that is not suitable for recycling. Following separate collection and thermal treatment, this waste steam produces green energy. **E-Wood therefore fits in perfectly with the European goal for renewable energy**. The installation provides an electrical capacity of 20 MW and can process up to approximately 180,000 tons of wood waste on an annual basis.

INDACHLOR LAUNCH

At the end of 2020, IndaChlor (France) received its first loads of liquid waste, marking the official start of Indaver's latest facility. IndaChlor **recovers hydrochloric acid from the industry's chlorinated waste**. The industry can then re-use this hydrochloric acid as a valuable raw material. We supply the majority of the energy that is released during the process as steam to a neighbouring business. We convert the rest into electricity for our own use.

RIVENHALL WILL SUPPLY ELECTRICITY

In 2020, Indaver received the permit for the energy-from-waste plant in Rivenhall in England. Each year, the new facility, which will be operational in 2025, will provide the **safe thermal treatment of around 600,000 tonnes of household and similar commercial waste**. This will prevent the landfilling or shipment of this waste. The treatment will generate electricity for around 60,000 households.



SUSTAINABLE SOLUTIONS FOR 5.3 MILLION TONNES OF WASTE

In 2020, Indaver managed 5.3 million tonnes of waste, of which we treated 4.3 million tonnes in our own facilities and 1 million tonnes in third parties' facilities.



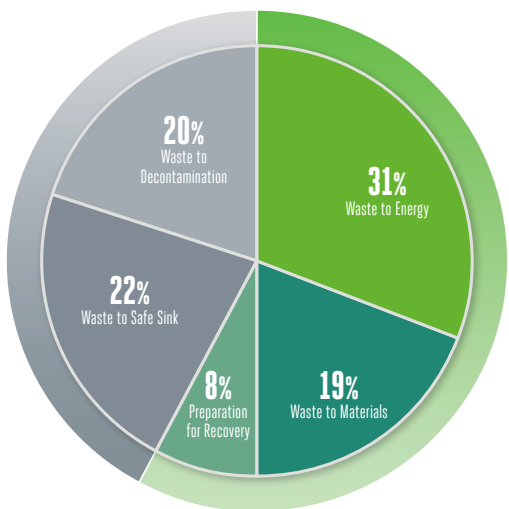
We treated 58% of the waste products with an emphasis on recycling **materials** and finding useful applications for the **energy**.



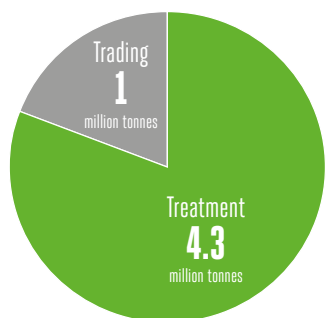
We treated 20% thermally, to break up the **hazardous components** at high temperatures or to neutralise them through physicochemical treatment.



We store 22% of the waste products **safely and sustainably** on our landfill sites.



Volumes managed in 2020



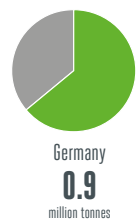
Total volume of waste managed
5,360,415 tonnes



Belgium
2.4
million tonnes



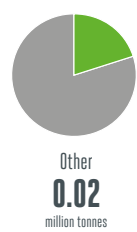
The Netherlands
1.6
million tonnes



Germany
0.9
million tonnes



Ireland/UK
0.4
million tonnes



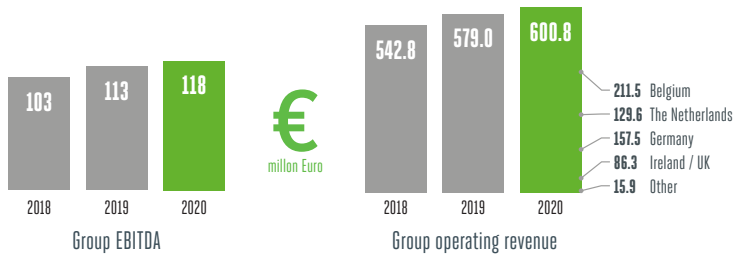
Other
0.02
million tonnes

Treatment
Trading

CORPORATE SOCIAL RESPONSIBILITY

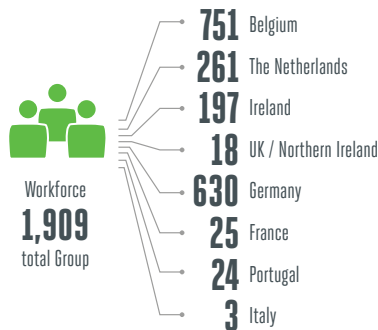
Key figures for 2020

By creating value, Indaver wants to contribute to sustainable production and consumption. As an industrial and household waste management company, we have economic goals (concentrating on achieving results), social goals (demonstrating concern for people and building relationships based on mutual trust) and environmental goals (with minimal environmental impact). These core values are fundamental for our activities.



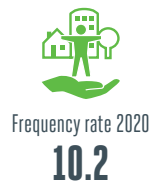
Investing in people

Our staff enable us to devise the smart solutions and innovative services for sustainable waste management that benefit our customers and society as a whole. By investing in their safety, wellbeing and personal development, Indaver ensures that its employees continue to work with enthusiasm and energy.



Safety first, always

Safety is an integral part of our work. Indaver ensures its facilities and sites are safe places to work. We provide appropriate safety training and teach our staff to recognise dangers and risks. We continually work on our safety culture, in which everyone looks out for each other's safety.



Sustainable Development Goals

At Indaver, we believe that the circular economy is the only sustainable, ecological way to be able to provide prosperity and wellbeing to every citizen of the world. To make the world a better place, the United Nations have set seventeen Sustainable Development Goals for the period 2015-2030. The waste sector, just like all other sectors and social organisations, has a vital role to play to make these ambitious goals a reality. Indaver has chosen nine of these seventeen development goals to guide its contribution to a more sustainable world.





Read our 2020 Sustainability Report here:
www.indaver.com/sustainabilityreport

Indaver has sites and specialist facilities in several European countries. It manages waste, focusing on the sustainable recovery of energy and materials and it does so efficiently thanks to innovative systems.

Belgium Antwerp, Doel, Grimbergen, Kallo, Mechelen, Nivelles, Waregem, Willebroek

The Netherlands Alphen aan den Rijn, Delfzijl, Dordrecht, 's-Gravenpolder, Groningen, IJmuiden, Leeuwarden, Moerdijk, Nieuwdorp, Oldekerk, Oude-Pekela, Rijkswetering, Rotterdam-Europoort, Terneuzen, Vlissingen-Oost, Voorschoten, Well

Germany Biebesheim, Billigheim, Frankfurt, Hamburg, Kassel, Mainz, Stuttgart, Wetzlar

Ireland Cork, Dublin, Dún Laoghaire, Meath

United Kingdom Aberdeen, Belfast, Essex, Teesside

France Loon-Plage (Dunkirk)

Portugal Abrantes, Lisbon

Spain Tarragona

Italy Origgio



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