



KEY FACTS AND FIGURES 2018

A photograph of an office interior. Three people are visible: a woman in a dark jacket stands on the left, looking out a large window; a man in a light-colored shirt stands in the center, also looking out; and another man in a light-colored shirt is seated at a desk in the foreground, looking down at some papers. The window shows an industrial landscape with a body of water and power lines. The scene is lit with natural light from the window, creating a bright and professional atmosphere.

**YOUR PARTNER IN A
CIRCULAR ECONOMY**





LEADING THE FIELD IN SUSTAINABLE WASTE MANAGEMENT

Indaver creates value from waste. We recover high-grade materials and sustainable energy from the streams we treat. We prevent hazardous waste products from getting into the environment or the food and materials chain.

WE ARE AN ESSENTIAL LINK in the circular economy. Sustainable production and consumption in a circular economy is the only way to guarantee everyone's welfare and well-being. Indaver supplies the high-quality secondary materials and energy for this economy.

WE HELP TO CLOSE THE MATERIALS LOOP in a safe, low-carbon and energy-efficient manner. As a waste management company we are therefore no longer at the end of the materials chain, but inextricably linked to it.

WE ARE ALWAYS PIONEERING in what we do and how we do it. We foster a climate that fuels creativity, a climate in which innovative solutions can grow. We are a sustainable employer that gives employees the space to come up with ideas and solutions.

STRIVING FOR SUSTAINABILITY is not always easy. But sustainable business is necessary for every company and for every region to remain competitive. Just as Indaver has always done. Ecology, corporate social responsibility and economy go hand in hand.

"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*



ESSENTIAL LINK IN THE CIRCULAR ECONOMY

Indaver manages around 5 million tonnes of hazardous and non-hazardous waste every year. From that waste, we recycle as many materials and as much energy as possible. We also provide a sustainable solution for hazardous waste streams, thus making the circular economy possible.

ENABLER

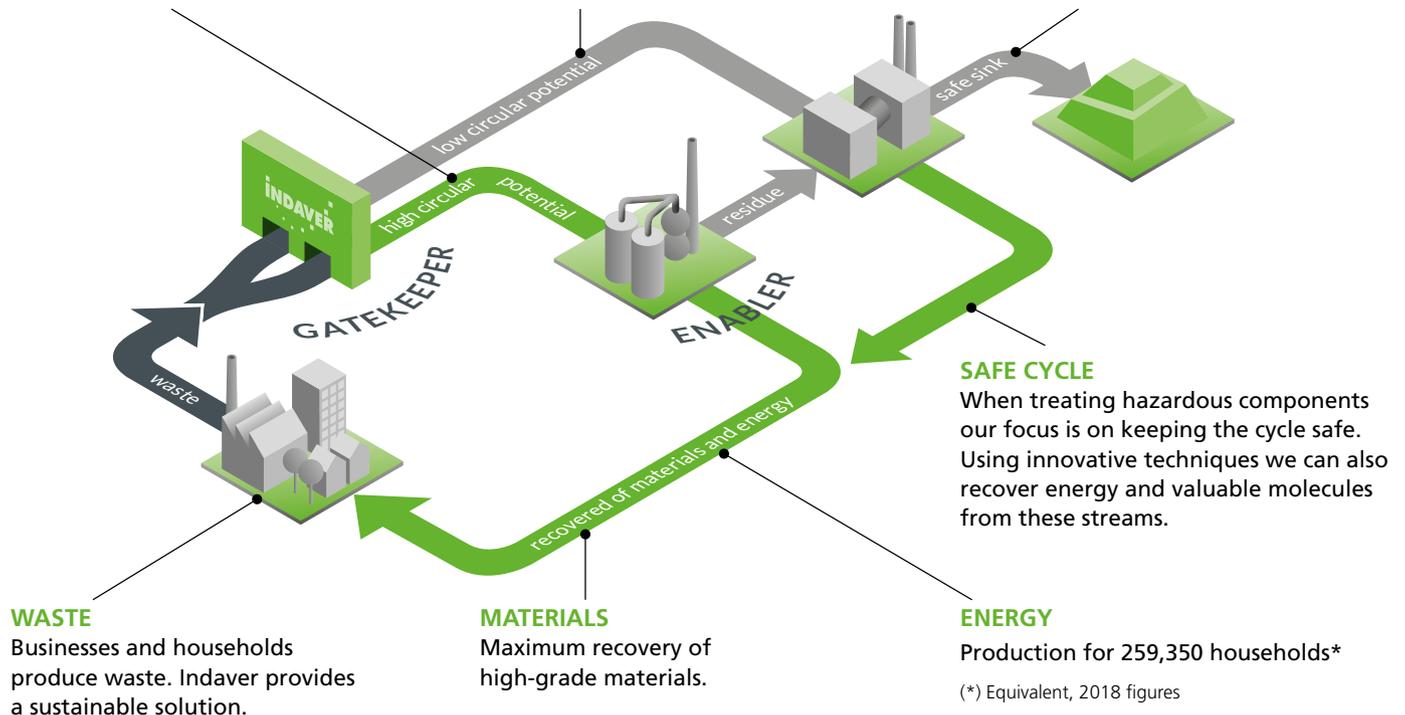
Waste products in the green chain are relatively pure and therefore have a high circular potential. From this we recycle as many materials and as much energy as possible.

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 THE MATERIALS LOOP

IN A SAFE MANNER

Our mission is to create value from waste: be it from municipal or industrial customers.

With our mechanical recycling methods we can extract **pure and safe materials** from recyclable waste. These are raw materials that are valuable for society.

In addition, we treat hazardous industrial waste streams that contain harmful substances. We destroy the hazardous waste or we store it in landfill in a safe way that keeps the hazardous components out of the materials loop.

But these streams can sometimes also provide **valuable raw materials**. With Indaver Molecule Management® we develop innovative techniques to recover raw materials from this waste without it posing a risk to the environment or the chain.

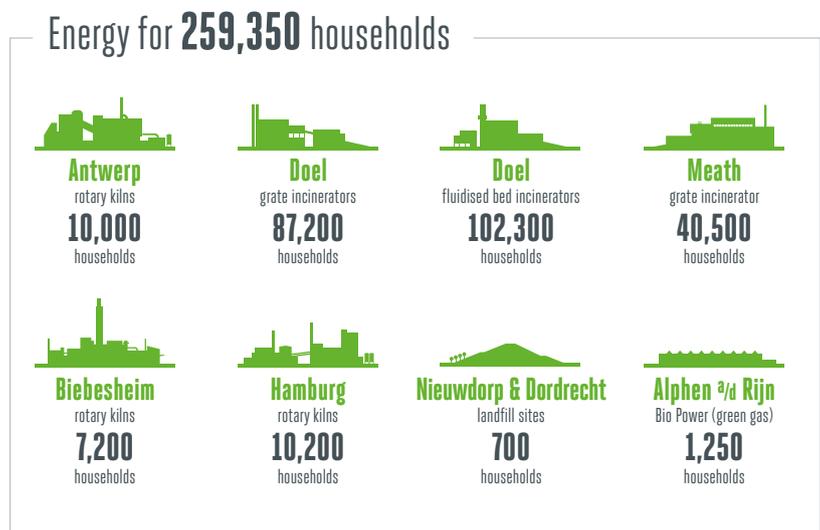
ENERGY-EFFICIENT

Our treatment facilities for household and similar commercial wastes are **power stations**. We use the energy that is produced during the treatment itself and supply it to third parties in the form of **steam** or **electricity**.

Even our treatment facilities for hazardous industrial waste, which primarily keep hazardous substances out of the materials chain, produce energy in the form of **electricity and heat**.

We also produce **green gas** from organic waste in Alphen aan den Rijn (NL) and electricity at our landfills.

If we converted all of this energy into electricity, we would be able to supply 259,350 families with electricity each year (3.5 MWh/family per year or 1,500 m³ natural gas per family per year).



SUSTAINABLE THROUGH INNOVATION



INDACHLOR®: HYDROCHLORIC ACID AND ENERGY FROM CHLORINE RESIDUES. With IndaChlor, Indaver is building a treatment facility in Dunkirk, France which will recycle chlorinated residues from the PVC industry to recover hydrochloric acid and energy. This new facility is the **circular economy in action**: the hydrochloric acid serves as a raw material for a neighbouring company that will use it to produce phosphates. The recovered energy travels via a steam pipe to a neighbouring alcohol distillery.

IndaMP: PRECIOUS METALS FROM INDUSTRIAL WASTE such as **platinum and palladium** have applications as industrial catalysts. They are rare and therefore very valuable. With IndaMP (Indaver Metal Processing) Indaver has developed a thermal process that separates precious metals from solvents and collects them in the residues. Thus Indaver can offer its customers a constant and sustainable supply of precious metals.

ECLUSE, A UNIQUE STEAM NETWORK

Since 15 March 2019, the industrial steam network ECLUSE has been supplying five businesses in the Waaslandhaven (BE) with steam, and one business with condensate heat that comes from Indaver and SLECO's waste-to-energy facilities. ECLUSE supplies this steam through an impressive network of pipes. We are therefore a supplier of **affordable, reliable and sustainable energy** for the Port of Antwerp.



SUSTAINABLE SOLUTION FOR 4.9 MILLION TONNES OF WASTE PRODUCTS

In 2018 Indaver was managing 4.9 million tonnes of waste, of which 3.7 million tonnes was treated in our own facilities and 1.2 million tonnes by third parties.



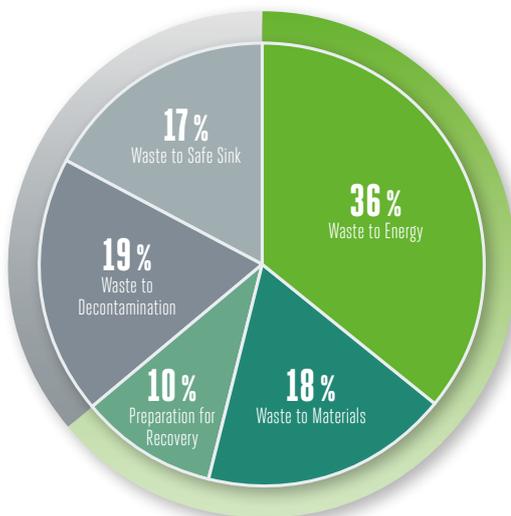
of the waste products were treated with an emphasis on recycling **materials** and finding useful applications for the **energy**.



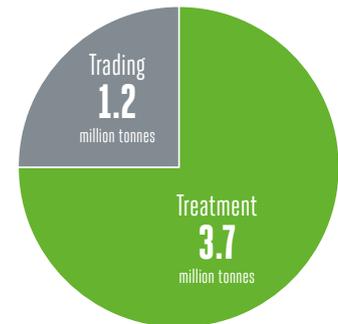
of the streams were thermally treated to break down the **harmful components** at high temperatures or to neutralize them through physicochemical treatment.



of the total amount of waste was **safely and sustainably disposed** in a landfill.



Volumes managed in 2018



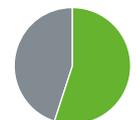
Total volume of waste managed
4,930,261 tonnes



Belgium
2.18
million tonnes



The Netherlands
1.22
million tonnes



Germany
1.08
million tonnes



Ireland/UK
0.43
million tonnes



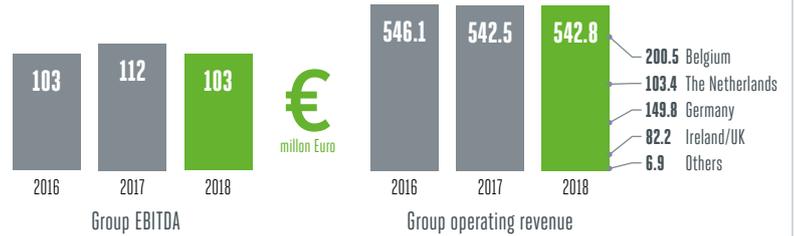
Others
0.03
million tonnes

Treatment
 Trading

CORPORATE SOCIAL RESPONSIBILITY

Key figures for 2018

At Indaver, value creation is an integral part of its vision for sustainable production and consumption practices within a circular economy. As a waste management company that is active in the industrial and municipal waste sector, we have defined 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 services for sustainable waste management that benefit our customers and society as a whole. By investing in their safety, well-being and personal development, we ensure they continue working for us with enthusiasm and energy.



Safety first

Safety is an integral part of what we do. We ensure our facilities are a safe place to work. We teach our people to spot hazards and risks and we provide the necessary safety training courses. We are constantly working on our safety culture, in which everyone is committed to keeping each other safe.



Sustainable Development Goals

The circular economy is the only sustainable, ecological way to guarantee everyone's welfare and well-being. It is the world envisaged by the United Nations with the Sustainability Goals. Just like the rest of the business world, the waste sector has a vital role to play in helping to achieve this ambitious goal. Indaver has chosen nine of these seventeen development goals as a guideline for making its contribution to this sustainable world.





Read our 2018 Sustainability Report here:
www.indaver.com/sustainabilityreport

Indaver has branches and specialized installations in various European countries. Indaver manages waste products with a focus on the sustainable recovery of energy and materials and does so efficiently thanks to intelligent systems.

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

The Netherlands Alphen aan den Rijn, Dordrecht, IJmuiden, Moerdijk, Nieuwdorp, Rijpwetering, Rotterdam-Europoort, 's-Gravenpolder, Terneuzen, Vlissingen-Oost, Voorschoten, Well

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

Ireland Cork, Dublin, Dun Laoghaire, Meath

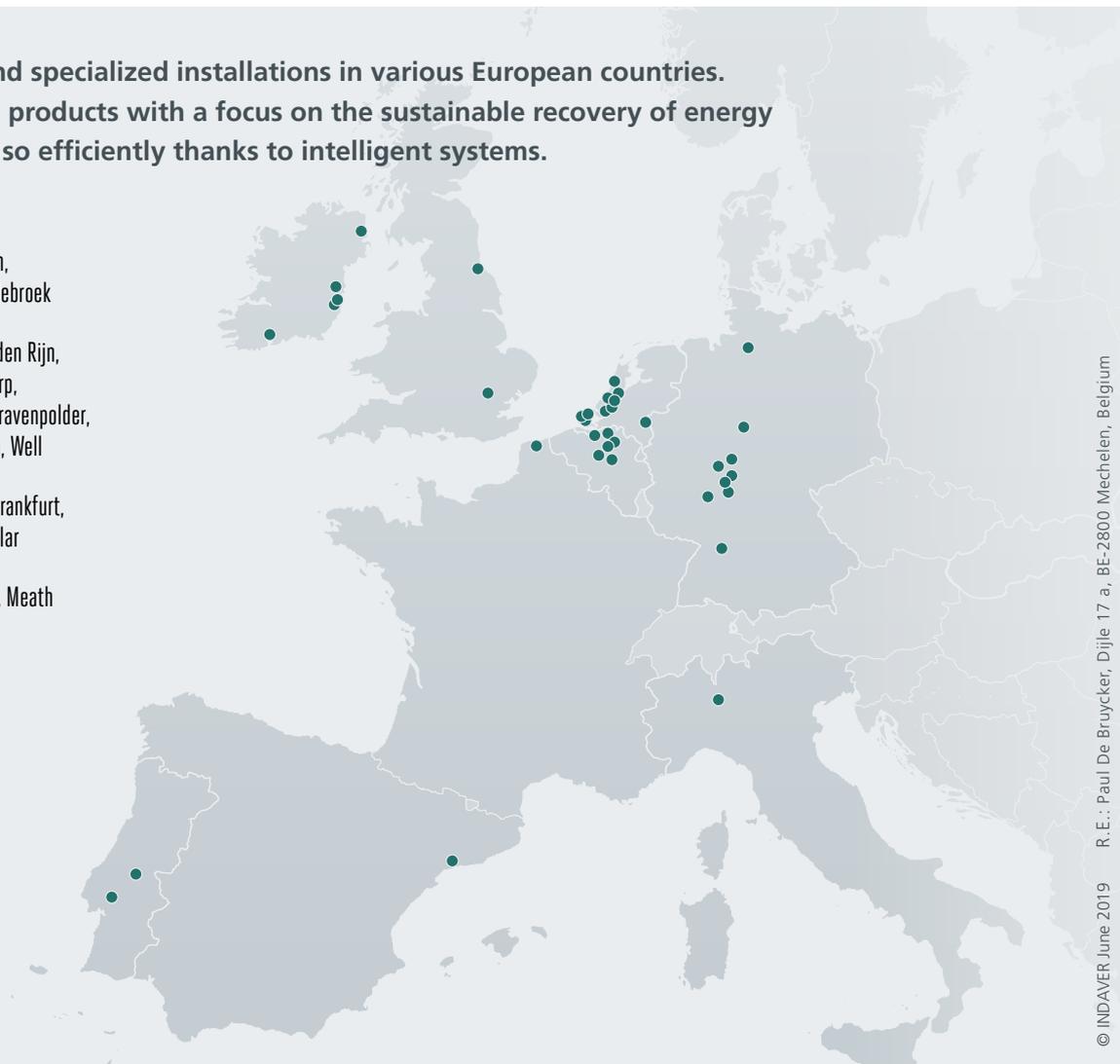
United Kingdom Belfast, Essex, Teesside

France Loon-Plage (Dunkirk)

Portugal Abrantes, Lisbon

Spain Tarragona

Italy Origgio



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