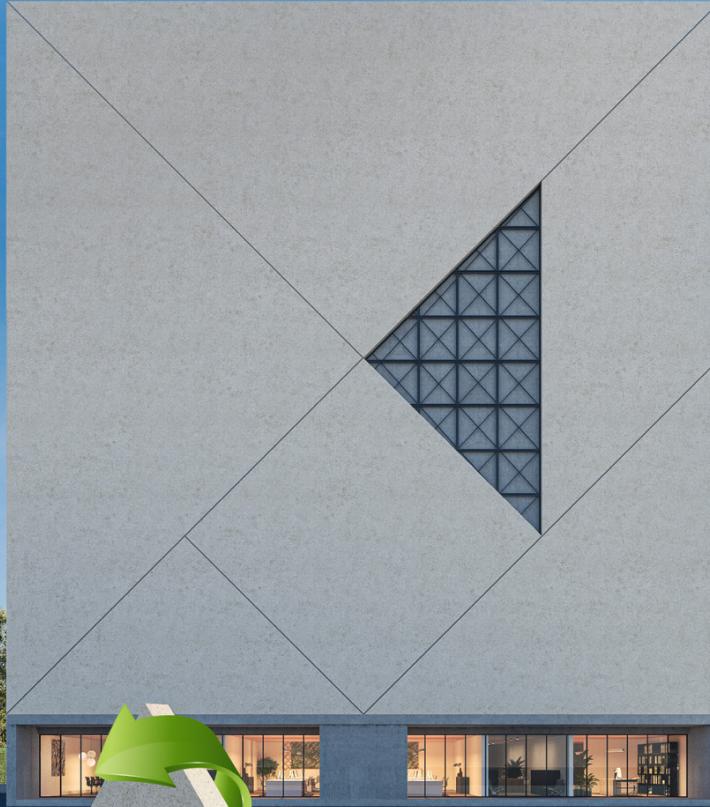




decomo
architectural precast concrete

Your architectural precast concrete solution



SUSTAINABILITY
PASSPORT



Architectural concrete for all your realisations.

After **more than 45 years**, architectural concrete no longer holds any secrets for us. From our site in Mouscron (Belgium), we manage the **complete design, production and finishing** of this extremely high-quality concrete product. The aesthetic appearance and architectural individuality, combined with the structural performance and sustainable advantages, attract both Client and Architect.

As experts in architectural concrete, we work closely with you.

We offer **conceptual advice** during the design phase of your construction project and guarantee **professional supervision** during execution.

Because creativity and craftsmanship go hand in hand with us, we provide you with **bespoke solutions** that always give your architectural project a unique status.



**CONCEPTUAL
ADVICE**



**PROFESSIONAL
SUPERVISION**



**BESPOKE
SOLUTIONS**



With respect for the environment.

Today, Decomo is one of the largest producers in Belgium of bespoke architectural precast concrete facades and other elements. We also play a pioneering role in terms of sustainability. Indeed, in order to mitigate the impact of our activities on the environment, we have been making significant efforts for quite some time.

Since 2011, our environmental policy has been supported by a certified environmental management system (ISO 14001:2015). It proves our ambition to want to be part of the solution in a circular world and to treat with respect, everything nature provides us with.

- What actions do we take to control our energy and water consumption?
- How does sustainable waste management limit our impact on the planet?
- What are we doing to reduce our CO₂ emissions?
- And how can we reduce our ecological footprint even further by being smart about raw materials and hazardous substances?

The answer can be found here.



ENERGY



WATER



WASTE



AIR



RAW MATERIALS



**HAZARDOUS
PRODUCTS**

6 pillars of Sustainable Development.



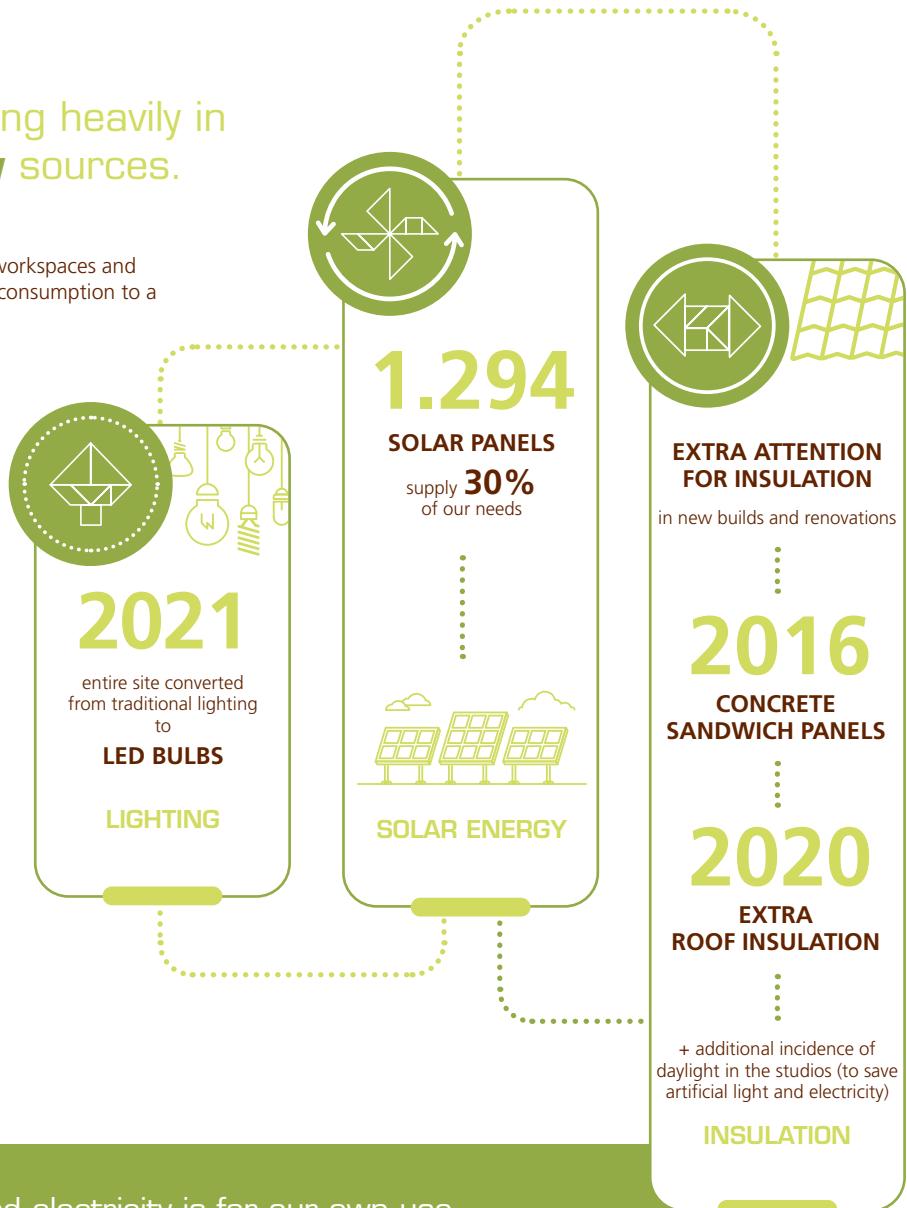
ENERGY

Decomo is investing heavily in renewable energy sources.

LED lighting, more daylight in our workspaces and optimal insulation keeps our energy consumption to a minimum.

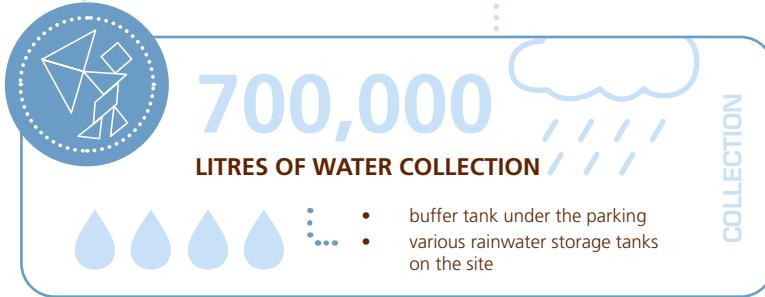
The 2 installations of our **solar panels** comprise of as many as 1,000 panels on the roof of our finishing hall and 294 panels on the roof of the concrete plant and already provide 30% of our total electricity needs.

In the most recent extension on the site (2016), concrete sandwich panels with a high insulation value were chosen. A first roof renovation was carried out in 2020, focusing on roof insulation and additional incidence of daylight in the studios (to save artificial light and electricity usage).



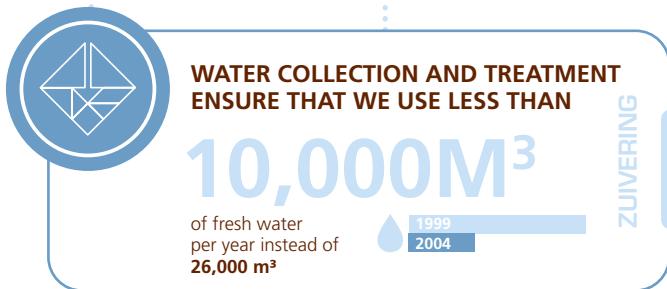
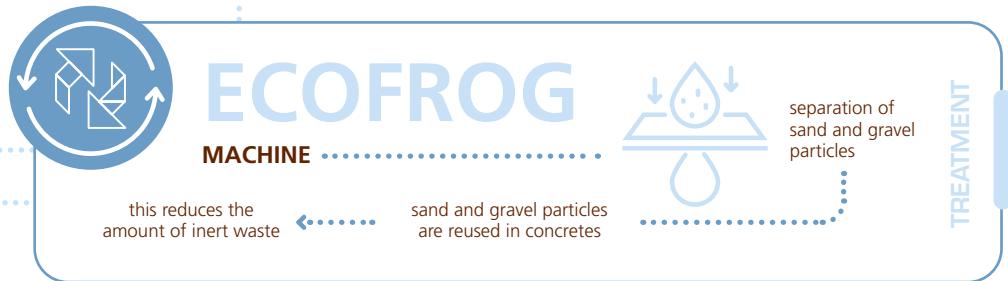
100% of our generated electricity is for our own use.

Decomo developed a thorough water recovery system.



The production of architectural concrete requires a large amount of water, both during production and when finishing the concrete elements.

Therefore, we have developed a thorough water recovery system and are committed to **treating industrial waste water.**



Since 2004, the polishing and finishing areas have been equipped with a **water treatment plant** to collect, treat and recycle wastewater and a plant to store some 310 m³ of rainwater. The latter, recycled water is used during the finishing process of architectural concrete.



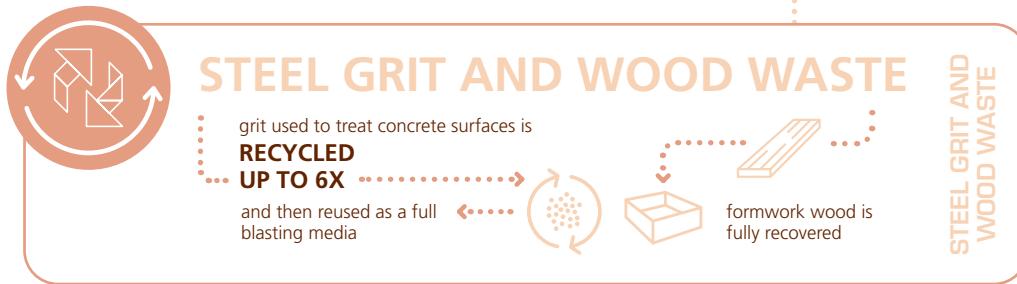
Minimal water consumption through investment in water treatment and rain water harvesting.



WASTE

Decomo commits to maximum recovery and recycling.

In our production and finishing workshops, we use materials efficiently. Thanks to **sophisticated waste management**, we keep waste streams as low as possible and strive for maximum recovery and recycling of residual products. To this end, we work in association with registered waste recycling companies.



Decomo maintains a register of waste collected by approved organisations. Our aim is **to sort as much as possible** and reduce the amount of class 2 waste (mixed construction and demolition waste) that cannot be recycled.



Target waste recycling and reduce class 2 waste.



AIR

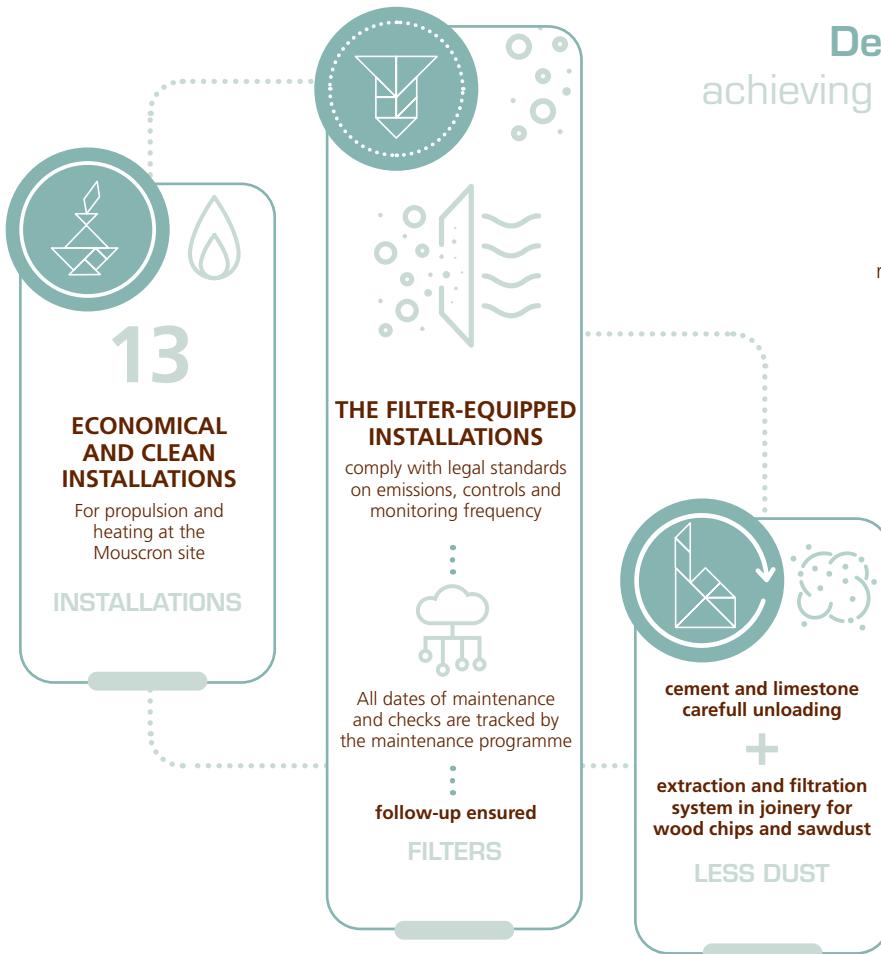
Decomo is committed to achieving a **CO₂ neutral future.**

In our ambition to become a **carbon-neutral** company, we are not only committed to maximum reduction in energy use and water recovery, we are also researching into concrete products with lower CO₂ values.

We are also making efforts to reduce CO₂ emissions from our production installations to improve the **air quality** on our site.

All installations are equipped with **filters** and comply with legal standards on emissions, controls and frequency of controls.

The follow-up is ensured by a maintenance program that automatically notifies the dates of required planned preventative maintenance and controls (support access).



Filters on our plants keep emissions under control.



RAW MATERIALS

Decomo uses primary raw materials.

To produce architectural concrete, **we primarily use raw materials** such as aggregates, sand and FSC certified timber (for the formwork). In addition, we also process steel, cement and cement substitutes. Thanks to the **high quality of the raw materials** and efficient application (and logistics), we further enhance the sustainable character of our products.



State-of-the-art concrete plant with an automatic weighing and dosing system reduces raw material losses.

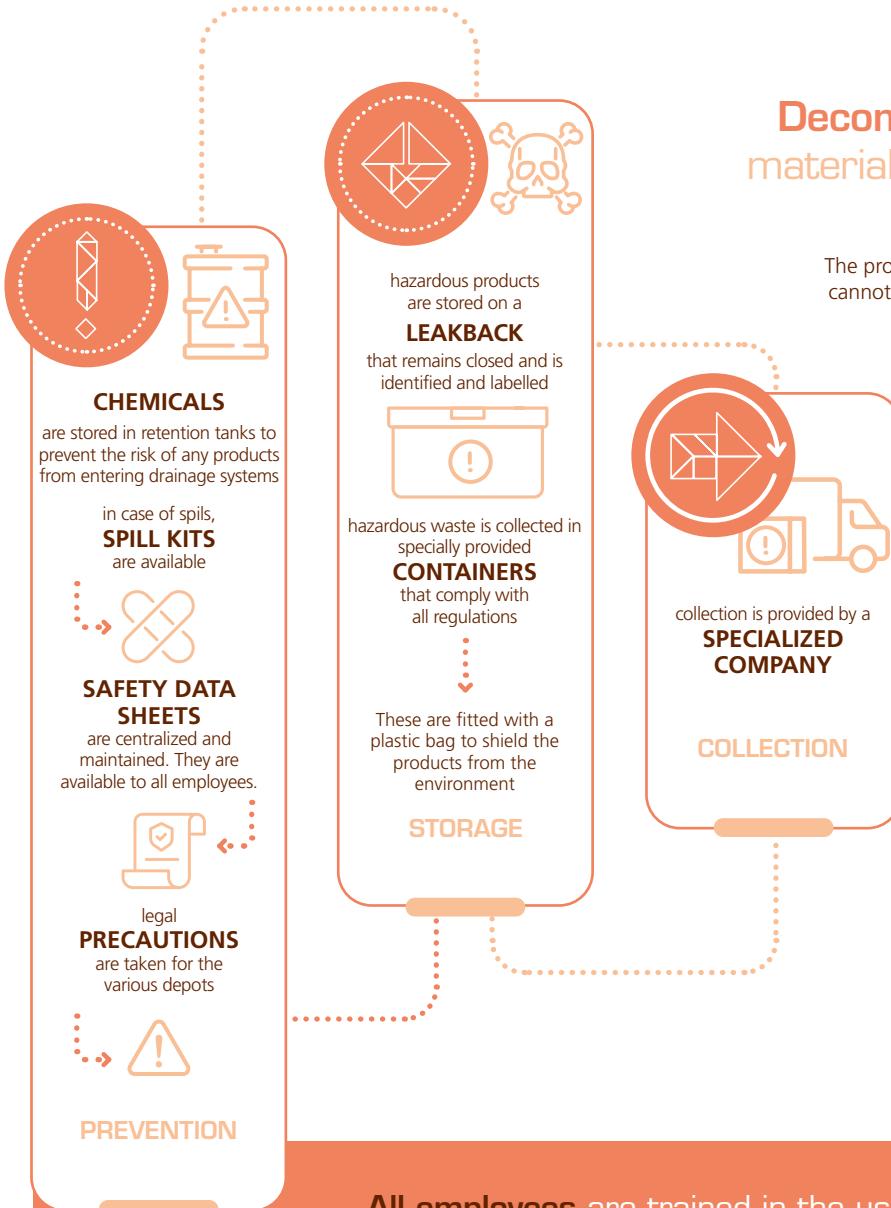


HAZARDOUS PRODUCTS

Decomo manages hazardous materials **correctly and safely.**

The production and finishing of architectural concrete cannot be done without using hazardous substances.

It goes without saying that when using them, we follow **strict regulations and procedures** to ensure the safety of our employees, prevent workplace calamities and minimize the impact on the environment.



All employees are trained in the use of any hazardous material.



decomo
architectural precast concrete

Would you like more information on how our
sustainability processes contribute to a circular world?
Or would you like to be informed about new initiatives?

Contact us or visit:

UK-based: www.decomo.co.uk/environment-quality

Other countries: www.decomo.be/en/environment-quality.