

INFINITE
ALUMINIUM
HYDRO CIRCAL

WICONA®



JOIN A REVOLUTION

Building with vision means taking the future seriously. And bearing in mind that our resources are finite. We are absolutely convinced that future urban development is inconceivable without sustainable reuse of materials. We are demonstrating our focus on sustainability by using Hydro's CIRCAL for our system solutions, one of the most sustainable aluminium alloys in our sector. Hydro CIRCAL is a range of prime quality aluminium made with a minimum of 75% recycled end-of-life aluminium (post-consumer scrap), like for example façades and windows that have been dismantled from buildings and fully recycled. Remelting aluminium for new uses requires only 5% of the energy needed to produce primary aluminium. So the higher recycled content of post-consumer scrap, the better it is for our cities and the environment. Through the use of renewable power and modern technology Hydro is able to produce cleaner aluminium than ever before. The production process is fully traceable, and the product is certified by an independent third party (DNV-GL). The certified production is nothing short of a revolution in the building industry.

200,000,000 tons for infinity

People have always dismantled existing structures to build something new. Today, this is not just economical but also ecologically unavoidable. 200,000,000 tonnes of aluminium are currently “stored” in buildings around the world – ready for responsible and infinite resource recycling, and that includes façade engineering.

2000 Million



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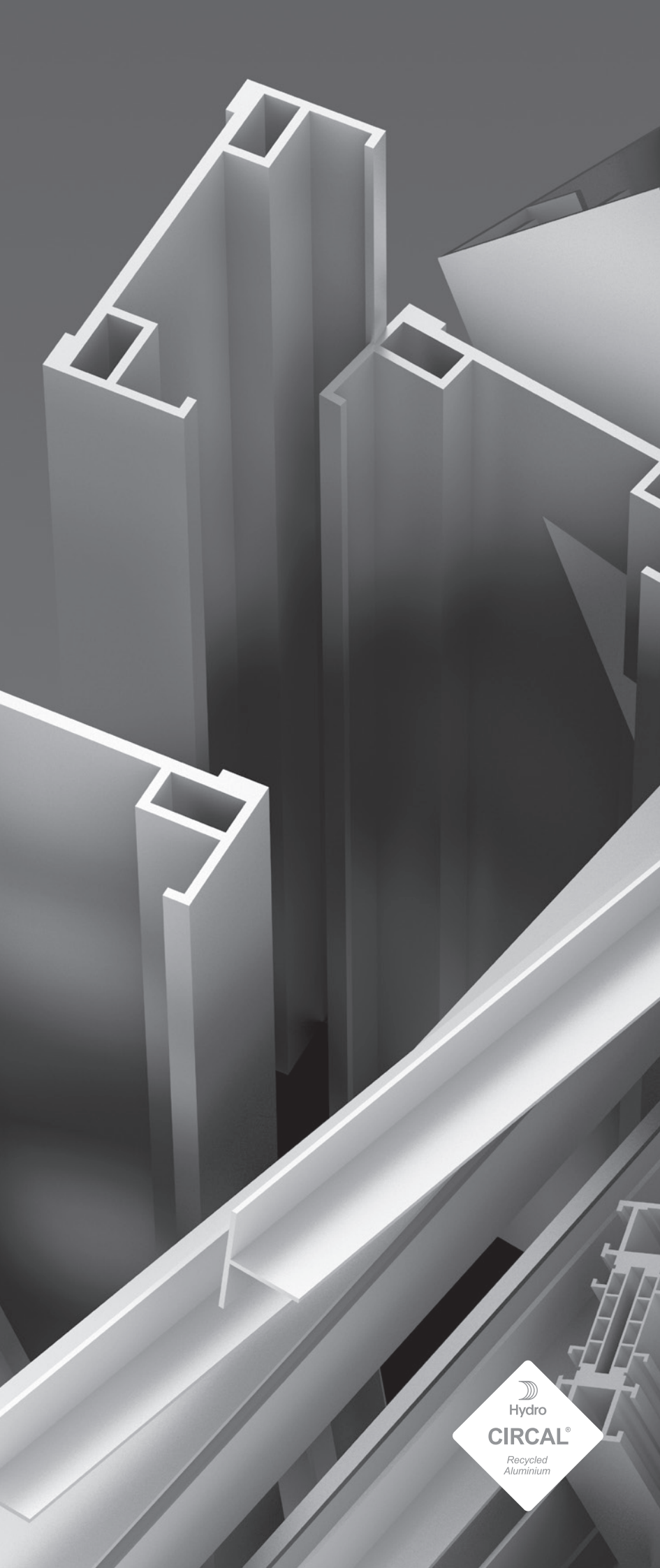


360° life cycle: a win-win situation

Thanks to our system solutions using Hydro CIRCAL, aluminium scrap is recycled back into the production cycle. We call this process of reclaiming materials 'urban mining'. It saves primary raw material resources and reduces the amount of waste in our cities.

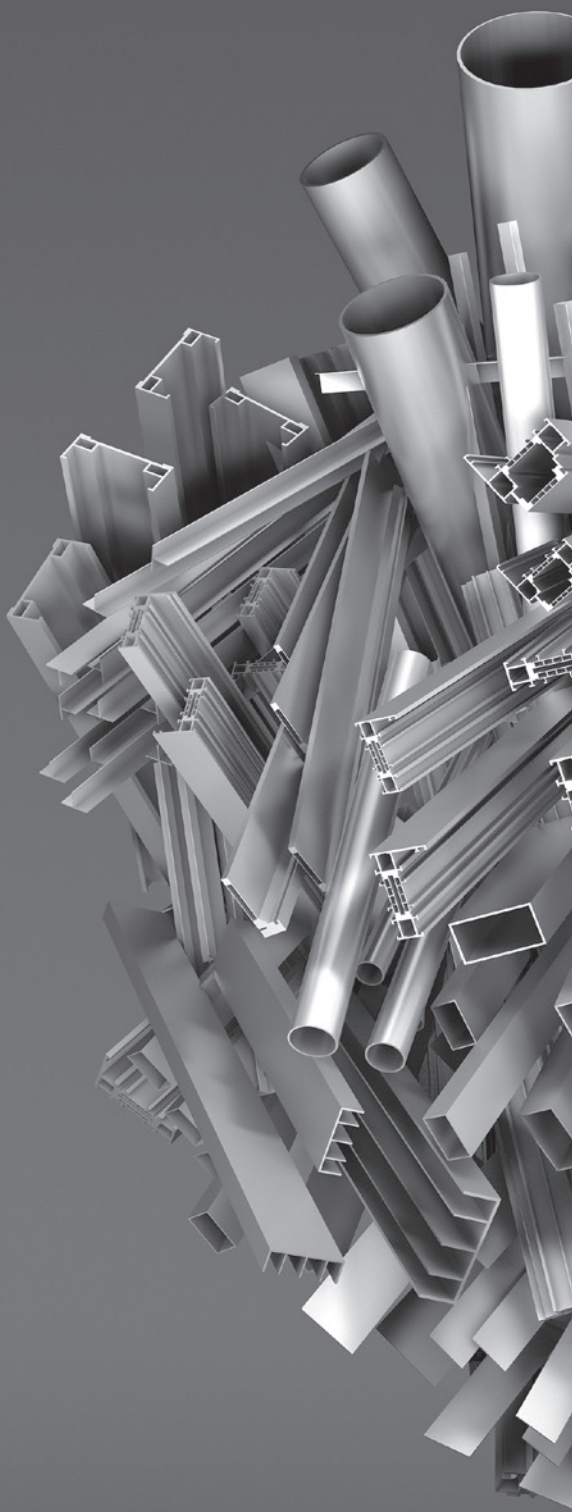
Striving for being sustainable

We strive for responsible conduct throughout our operations. System solutions using Hydro CIRCAL have the highest share of recycled end-of-life aluminium on the market: 75 % and more. The production process is independently certified according to ISO 14064, confirmed by the A|U|F closed loop aluminium recycling initiative and completely traceable.

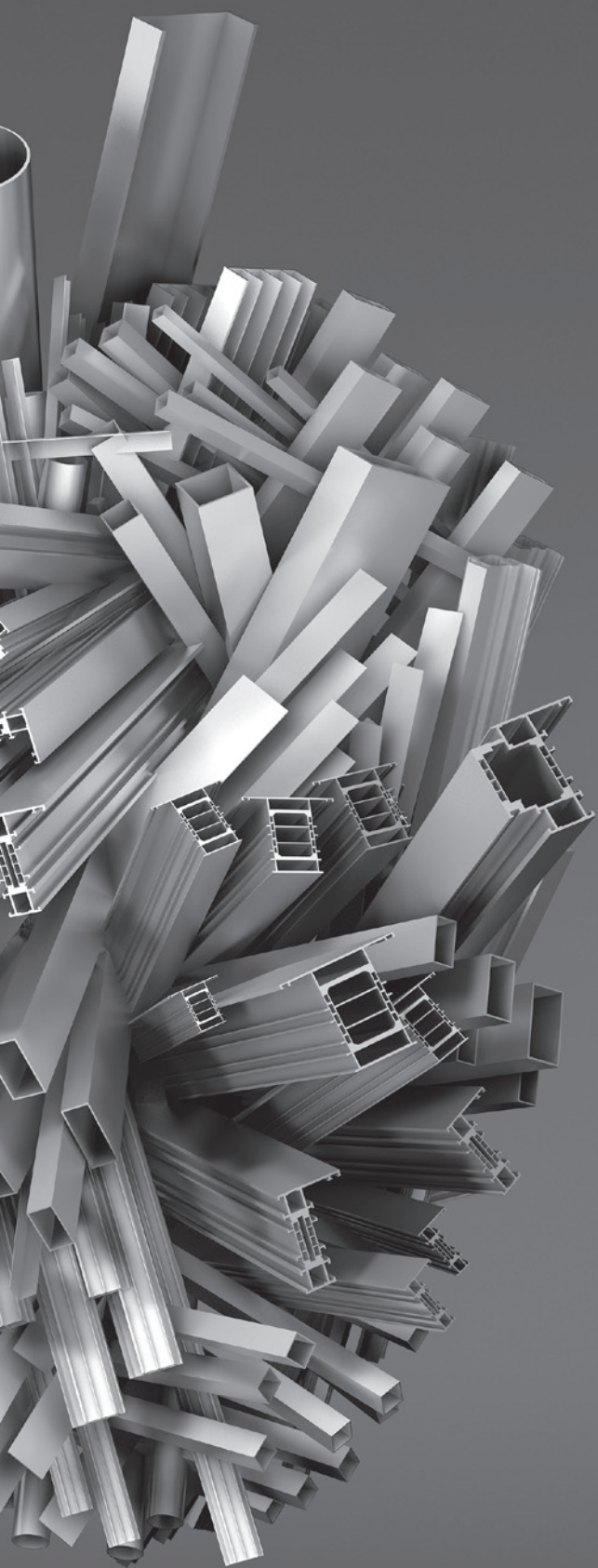


Hydro
CIRCAL®
Recycled
Aluminium

DISCOVER THE
HEARTBEAT OF
THE FUTURE



INFINITE
ALUMINIUM
HYDRO CIRCAL



WICONA[®]

100%





100 % opportunities. 5 % energy.

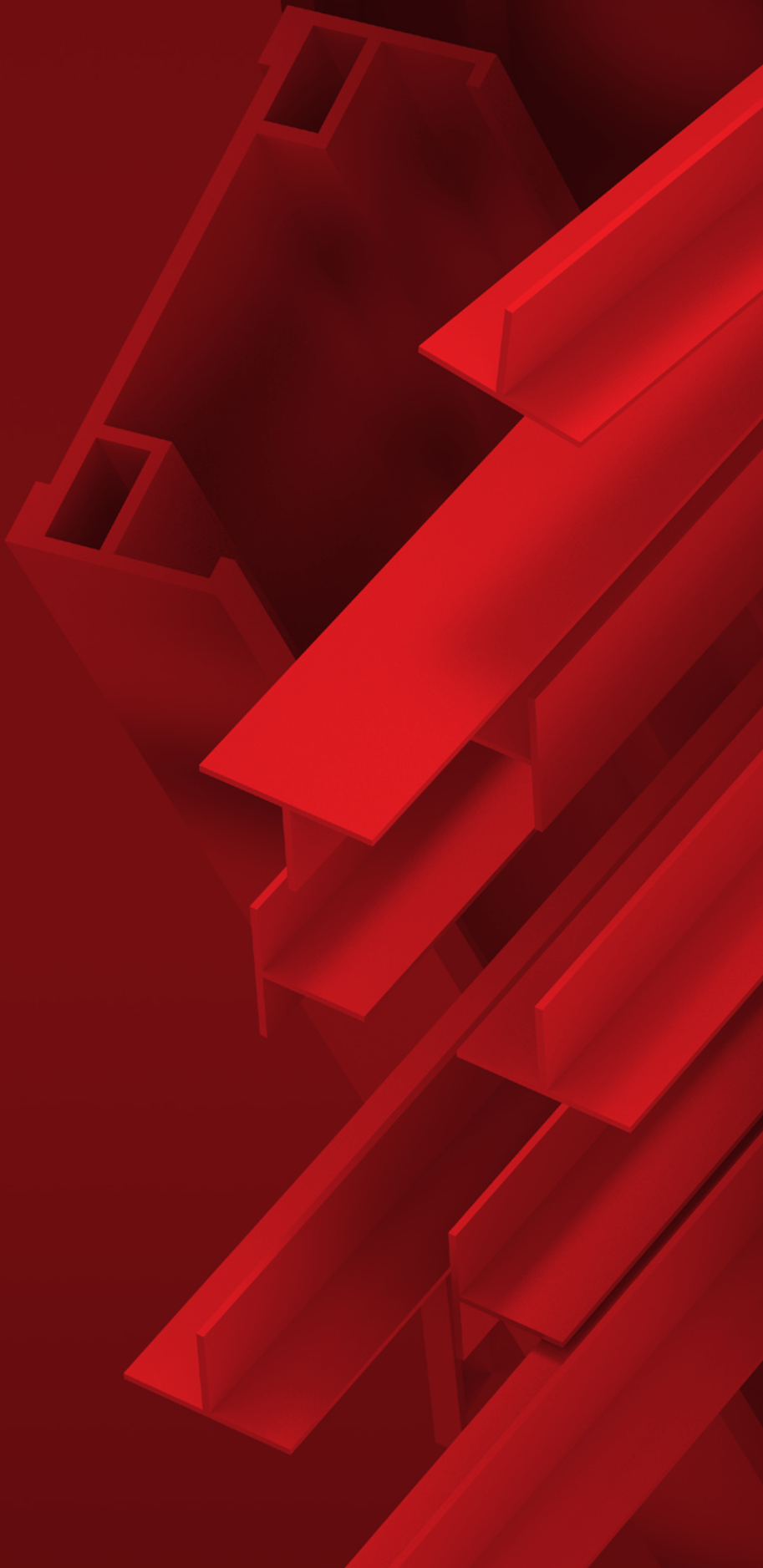
Aluminium is infinitely recyclable. Its quality and material properties are never lost. Furthermore, melting down end-of-life aluminium uses just 5 % of the energy required for primary aluminium production. So the higher recycled content of post-consumer scrap, the better it is for our cities and the environment.

WICONA®

CO₂

Minimum CO₂ footprint

Hydro CIRCAL has the smallest CO₂ footprint worldwide: around 2.0 kg CO₂ (1.5–2.3 kg CO₂) per kilo of aluminium. This is six times or 84% less than the worldwide average for primary extraction.





EEC

Sustainable building certification to the power of 3

Our innovative system solutions assure developers, architects and investors that their projects meet the requirements of sustainable certification. Our systems carry the sustainability product pass of the ift Rosenheim, the EPD of the Institut Bauen und Umwelt e.V. and the international Cradle to Cradle certification.

A large, bold, red graphic of the number '03' is positioned at the bottom of the page. The '0' is a thick, solid red ring, and the '3' is a thick, solid red numeral. The graphic is centered horizontally and occupies the lower half of the page.

LET'S BUILD THE CITY OF THE FUTURE

With Hydro CIRCAL, your designs will already be meeting tomorrow's standards – including green building certifications such as LEED, BREEAM and DGNB.

The more projects are built using sustainable aluminium system solutions, the more we can continuously improve the eco-balance of the material and the building.

The fact is: the city of the future will be built with renewable resources.

We can help you to take part in that process.

TO
RE
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BY



THE
ONLY
REVO
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SIMPLE AND REVOLUTIONARY: With this text in your tender documents, you help to build the city of the future.

The system makes use of recycled material in the following area:

- Aluminium with material usage of at least 75% end-of-life (EoL), e.g. EN AW-6060 T66.

For aluminium with EoL recovery, material that has already been installed in and removed from a building is recycled once more. The minimum 75 percent proportion of this post-consumer material ($\geq 75\%$ EoL material) must be verified by means of independent certification.

Link

EN www.wictip.com/en/infinitealuminium

WICONA®

Follow the new **HEARTBEAT**

#INFINITEALUMINIUM



WICONA is a part of the Hydro group. Hydro is a global supplier of aluminium with activities throughout the value chain — aiming to become carbon neutral from a lifecycle perspective by 2020. With Hydro CIRCAL the company launched one of the most sustainable aluminium alloys which is currently available on the market. Hydro is currently the only company in the world capable of supplying prime quality end-of-life recycled aluminium with a recycled content of more than 75%. Hydro CIRCAL is manufactured entirely by Hydro using low-carbon alloys — certified by an independent third party company.

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By  **Hydro**