

# Conveniência Digital

Contribuição para a valorização da Envoltente Transparente no Edificado

Linea, Lisboa | Arquitetura: Conceito Arquitetos



Reynaers  
Aluminium

# Conveniência Digital

Contribuição para a valorização da Envolvente Transparente no Edificado

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**SUSTAINABLE**

INDUS  
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Abaixo de  
1.5 °C



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# Objetivos





# SCIENCE BASED TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION



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SCIENCE  
BASED  
TARGETS

O **Grupo Reynaers** compromete-se a reduzir as suas emissões diretas em **46%** e as emissões indiretas em **55%** até **2030**



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## I. Sustainable Buildings

1. ENERGY EFFICIENT BUILDINGS
2. SUSTAINABILITY INFORMATION IN OUR DIGITAL TOOLS

We improve the energy efficiency, comfort, safety and long-term durability of buildings by developing innovative products and services. And we support our markets with the right information and training.

We include sustainability and product data in our Building Information Models and Digital passport.

## II. Circularity

3. CRADLE TO CRADLE
4. PRODUCT (MATERIAL) PASSPORT
5. RECYCLABILITY

We systematically extend the range of products that are designed and made according to the cradle to cradle principles. We will provide digital material passports for our systems to ensure traceability, maintenance, recyclability and post-life data.

Invest in our product design to improve our recyclability, and partner up with organisations in the field.

## III. Sustainable & efficient operations

6. REDUCE CO<sub>2</sub> – EMISSIONS OF OUR OPERATIONS
7. CLIMATE ACTION IN THE VALUE CHAIN

In our business operations we ensure efficiency and a minimum ecological impact, which means that the CO<sub>2</sub>-footprint of our operational processes and logistics can be kept to a minimum.

We align our operations with the ambition of the EU Green Deal and measure and monitor our CO<sub>2</sub>-emissions in line with the Science Based Target Initiative Methodology for scope 1, 2 and 3.

We set a goal of 46 % CO<sub>2</sub>-reduction by 2030 and take systematic measures through a coordinated reduction plan to achieve this goal.

## IV. People & Society

8. SAFETY
9. GREAT PLACE TO GROW AND TO WORK TOGETHER
10. CORPORATE SOCIAL RESPONSIBILITY

Guaranteeing safety is an absolute prerequisite and promise to our staff and their families. In all our locations we ensure that the highest standards are being observed.

We invest in the life-long learning and employability of our staff in light of the quickly changing technology and working standards. We aim to be inclusive, offering equal opportunities to everyone and stimulating mutual understanding between the variety of countries and cultures we operate in.

As a family business we are a caring partner for our employees and stakeholders that realizes a positive impact on society

# 10 compromissos

Edifícios  
sustentáveis

- LEED/BREEAM
- C2C

Circularidade

- LCA
- Gerador de EPD
- Sistemas modulares

Operações

- Gestão de resíduos
- Certificações ISO
- Frota eficiente

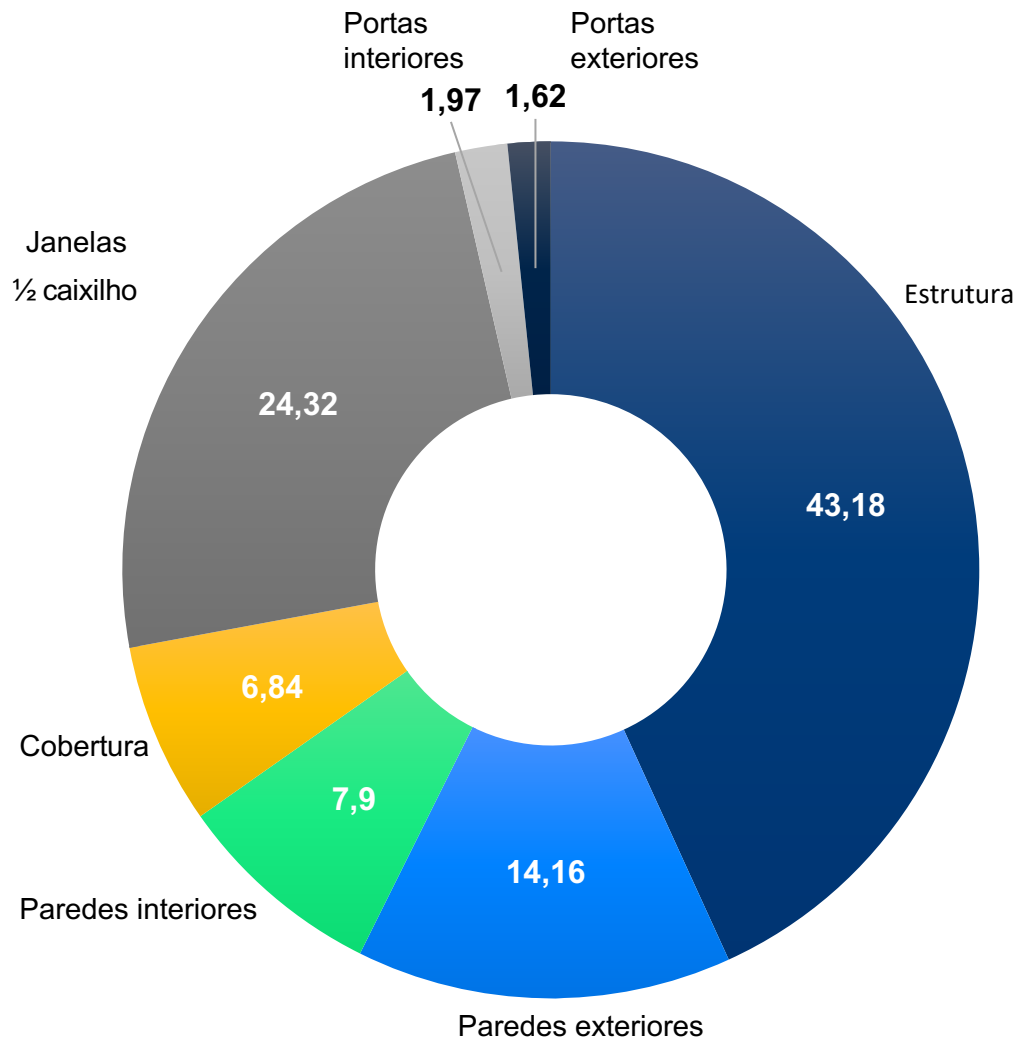
Pessoas &  
Sociedade

- Formação
- Ações ambientais



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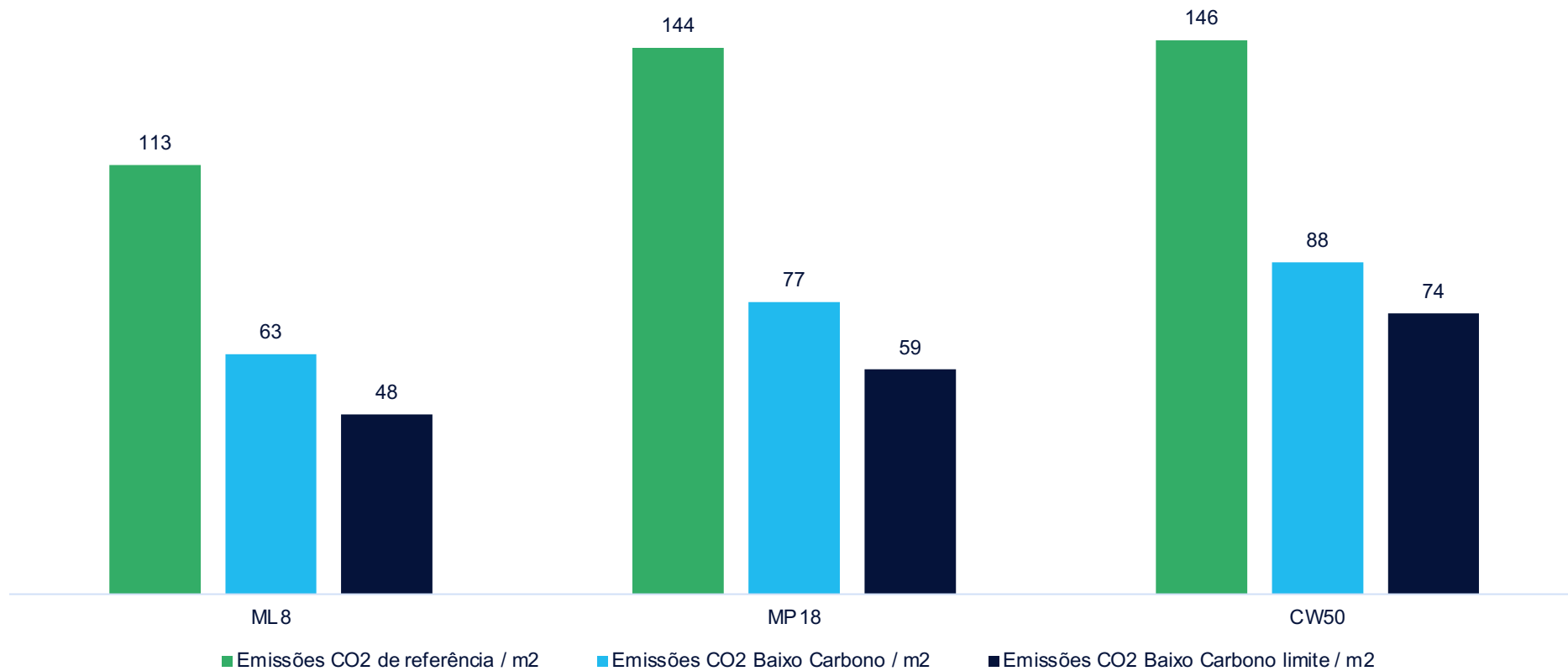
# Distribuição das emissões por componente



# Circularidade reduz a pegada de carbono em todo o ciclo



# EMISSIONES DE CO<sub>2</sub> (kg/m<sup>2</sup>) JANELA, PORTA E FACHADA BAIXO CARBONO



# É possível reduzir o nível de carbono incorporado

mantendo os desempenhos da caixilharia para a envolvente transparente?

**SIM, É!**



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# DigiTrace <sup>R</sup>



**Obrigado!**





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Together  
for better