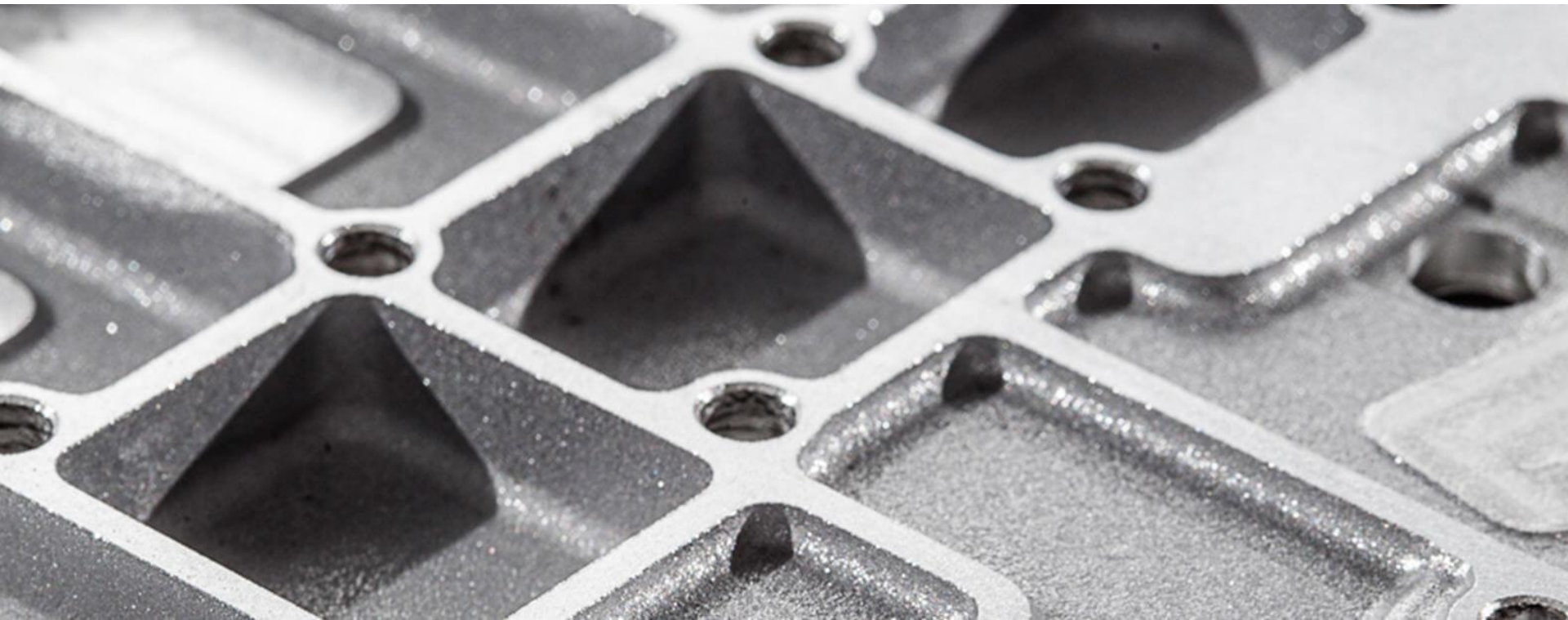




**Alteams**

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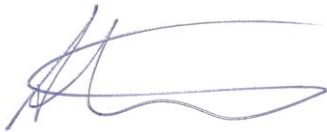


# Alteams Carbon Reduction Roadmap

2024-02-01

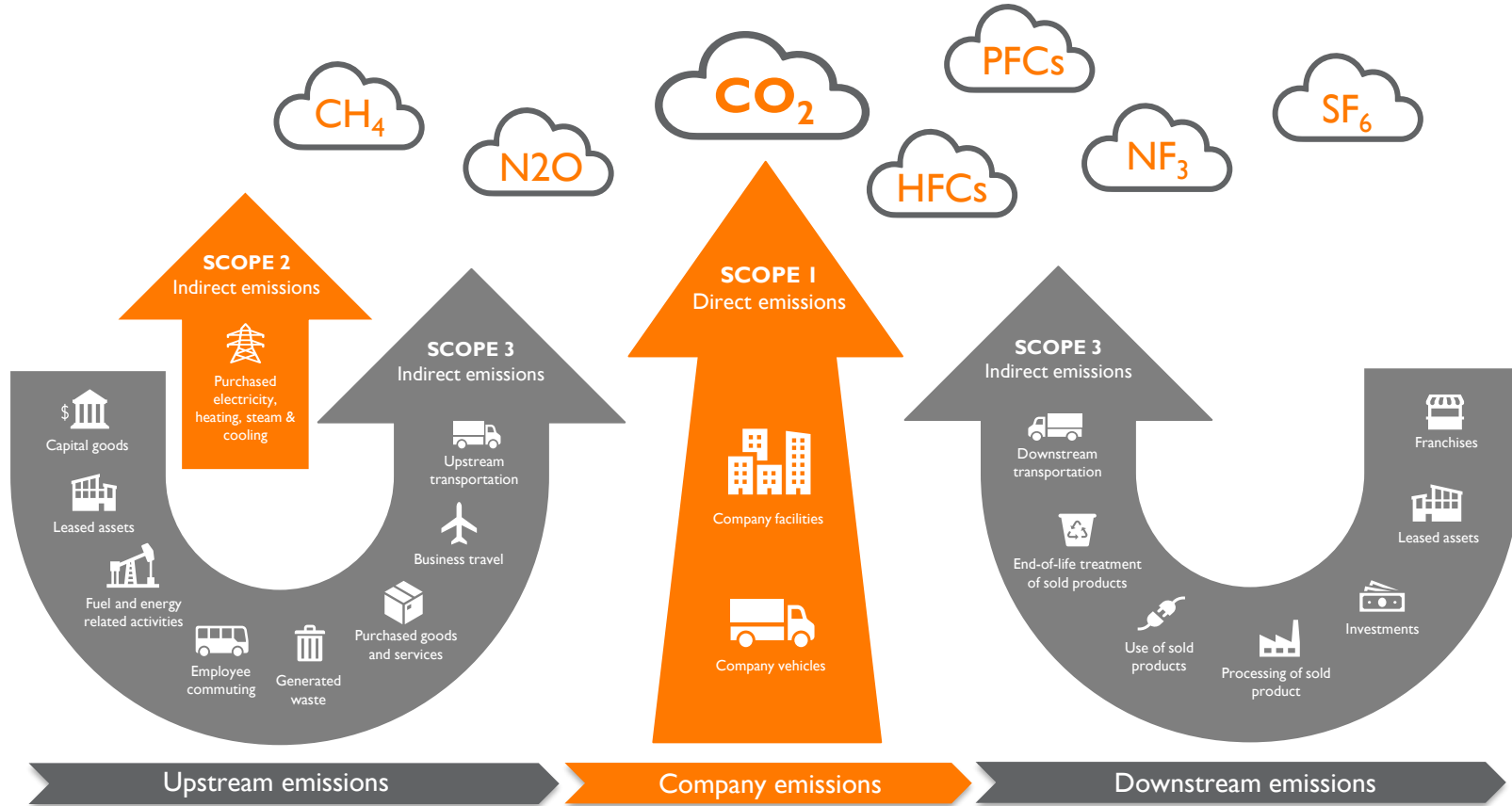
# Alteams Commitment

We understand and respect the ambitions of the Paris Agreement to limit the risks and impacts of climate change. To do our part, Alteams Group Management Team and Board of Directors pledge our commitment to reduce our carbon dioxide emissions by 50% (Scope 1 and 2) by year 2030, compared to baseline 2019 levels. The following Carbon Reduction Roadmap highlights key milestones towards our 2030 commitment.



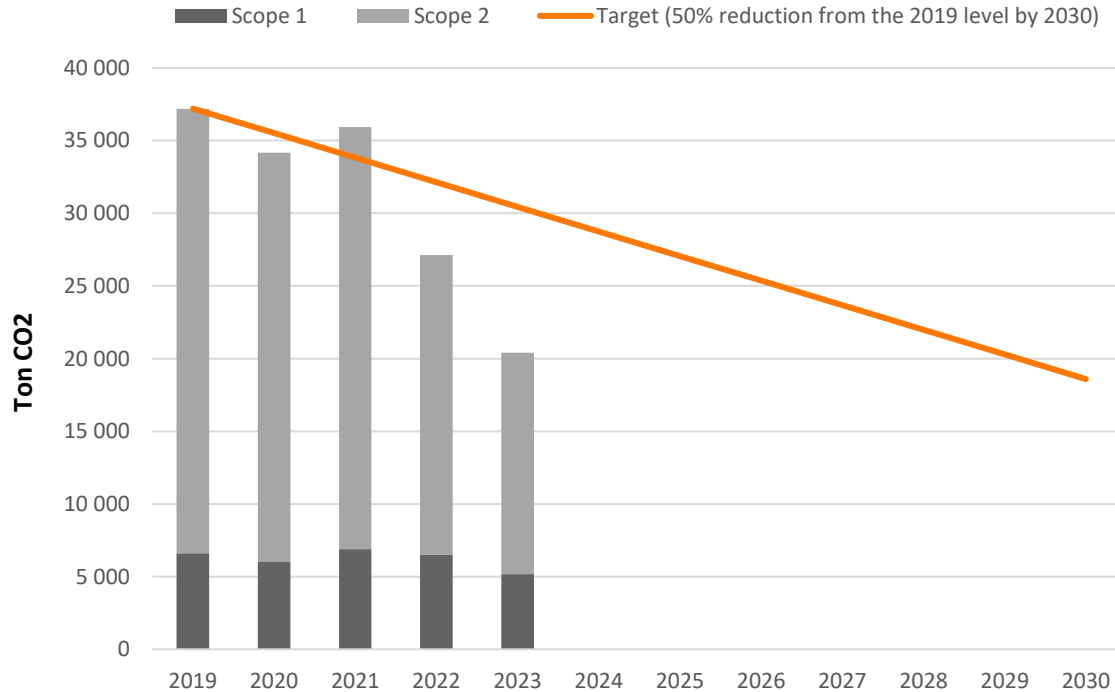
Arto Lehtinen  
President and CEO  
Alteams Group

# Value chain emissions



(Source: GHG protocol classification of scope 1,2 and 3 emissions)

# Alteams Group CO2 emissions\*



#### Applicable facilities:

- Alteams Finland Oy, Laihia
- Alteams Finland Oy, Loppi
- Alteams Poland Sp. z.o.o.
- Alteams (Suzhou) Co., Ltd.
- Alteams (Suzhou) Industrial Technology Co., Ltd (tool design and manufacturing)

\*) Including scope 1 & 2 CO2 emissions

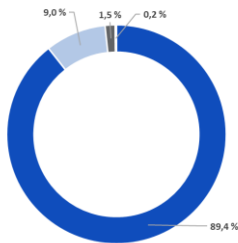
# Alteams total CO2 emissions 2023

## SCOPE 1

All direct greenhouse emissions from the company's own operations



Scope 1 = 5 173 tCO<sub>2</sub>



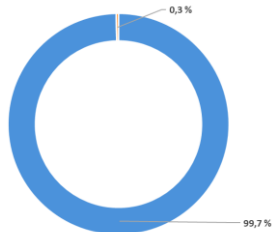
■ LNG ■ LPG ■ Light fuel oil ■ Diesel

## SCOPE 2

Greenhouse emissions from generation of energy (e.g., electricity, heat, steam) purchased and consumed in the company's operations



Scope 2 = 15 239 tCO<sub>2</sub>



■ Electricity ■ District heating

## SCOPE 3 \*

Other indirect greenhouse emissions related to the company's operations, e.g., business travel, waste handling and primary production of purchases

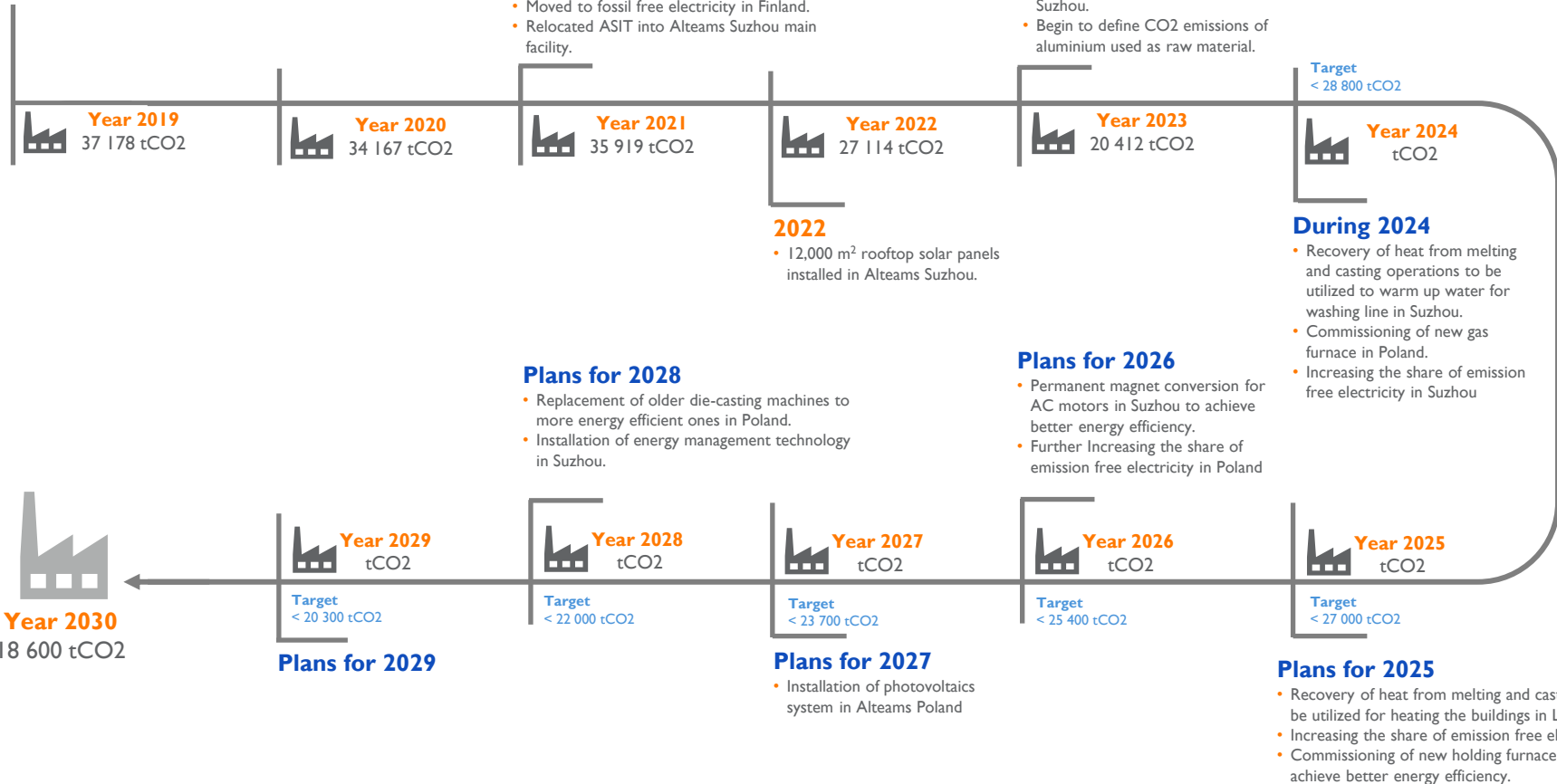


\*) We have identified emissions from raw material (aluminium) as one of the most significant emission sources in our value chain. In year 2023 CO<sub>2</sub> emissions from used aluminium was total **14 526 tCO<sub>2</sub>**.

**Work on defining other essential scope 3 emission sources is yet ongoing.**

## January 2019

Defining the scope and choosing a carbon footprint methodology





**Alteams**

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