Automating for a sustainable future

NAVIGATING REGULATIONS TO ADVANCING GREEN TRANSFORMATION

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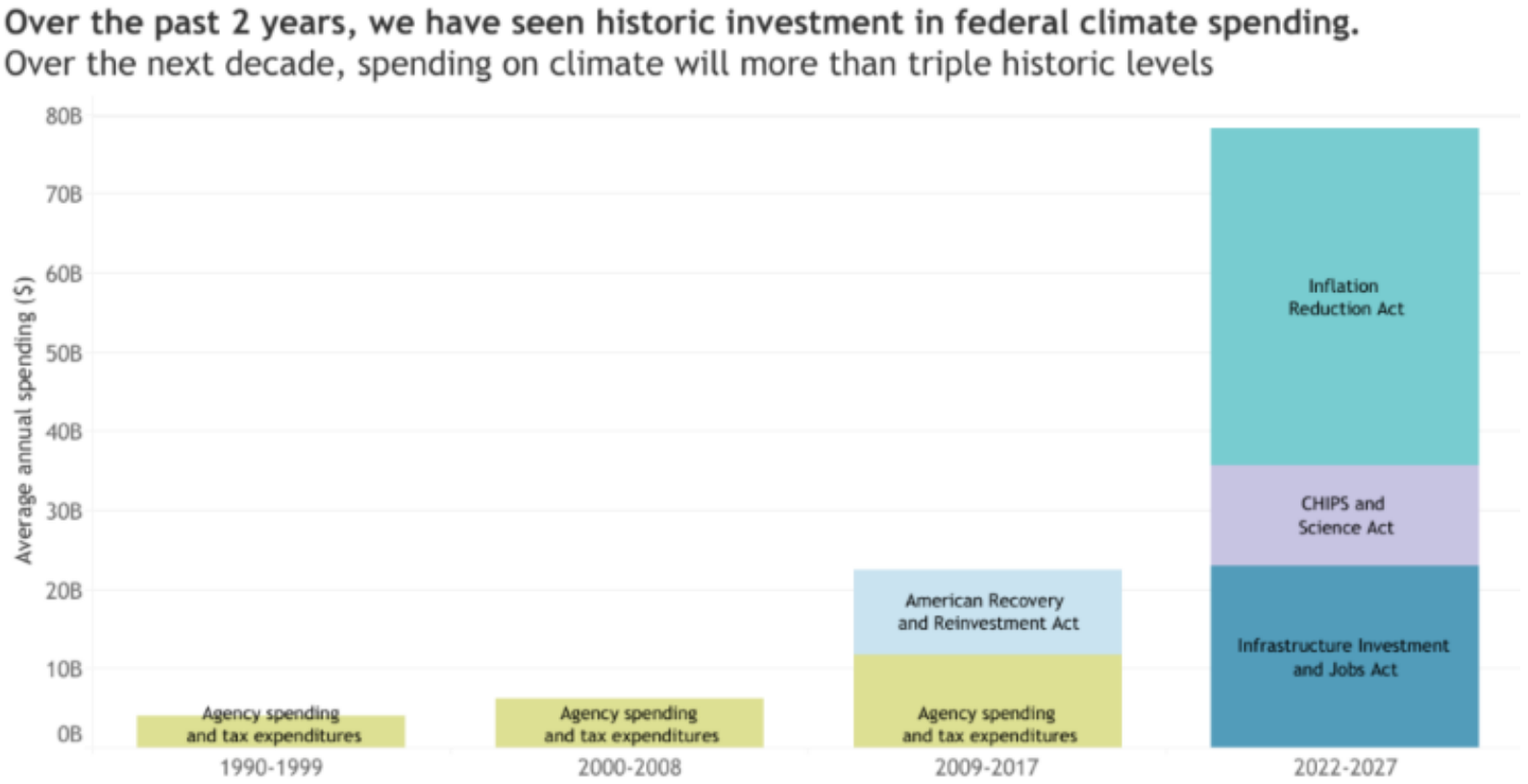
Fast emerging sustainability regulations accelerating the green transition

Region AME

US government spending on climate technology and clean energy will more than triple in the next 10 years under three recently introduced laws



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Region AME

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Region EMEA

EU Green Deal driving to make the EU's climate, energy, transport and taxation **policies fit for reducing net greenhouse gas emissions by at least 55% by 2030**, compared to 1990 levels.

- **EU taxonomy**
- **Circular Economy Action**
- **Digital Product passport** (DPP)
- Carbon Boarder Adjustment Mechanism (CBAM)
- Green Claims Directive

Region APAC

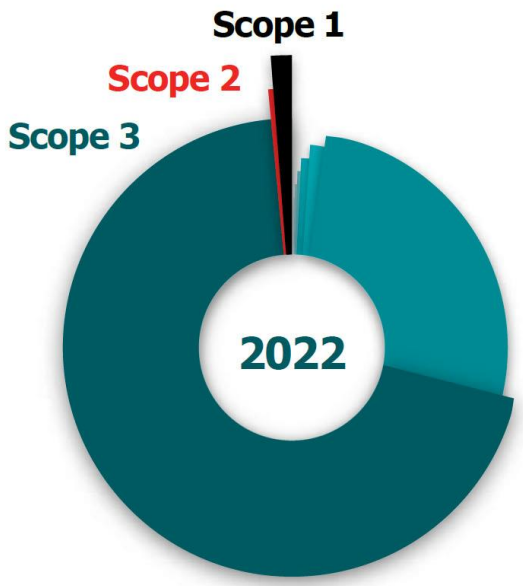
Example from China

The National 14th Five Year Plan (2021-2025) emphasize the optimization and upgrading of manufacturing industry and promote the implementation of intelligent manufacturing and green manufacturing.

To mitigate global warming to 1.5 Celsius we need to cooperate

According to IPCC we have until 2030 to limit global warming to 1.5 Celsius. Both global and local regulation will increase. The markets will punish the worst pollutants for their heavy environmental footprint.

Konecranes' climate impact:



Scope 1	**40,100**	**0.9%**
Scope 2	**2,900**	**0.0%**
Total Scope 3	**4,650,700**	**99.1%**
Use of sold products	3,012,500	64.2%
Purchased goods and services	1,450,000	30.9%
Upstream transportation and distribution	116,000	2.5%
Employee commuting	18,500	0.4%
Investments	17,700	0.4%
Downstream transportation and distribution	11,600	0.3%
Fuel and energy related activities	10,600	0.2%
Business travel	5,600	0.1%
End-of-life treatment of sold products	4,300	0.1%
Capital goods	3,900	0.1%
Waste generated in own operations	200	0.0%

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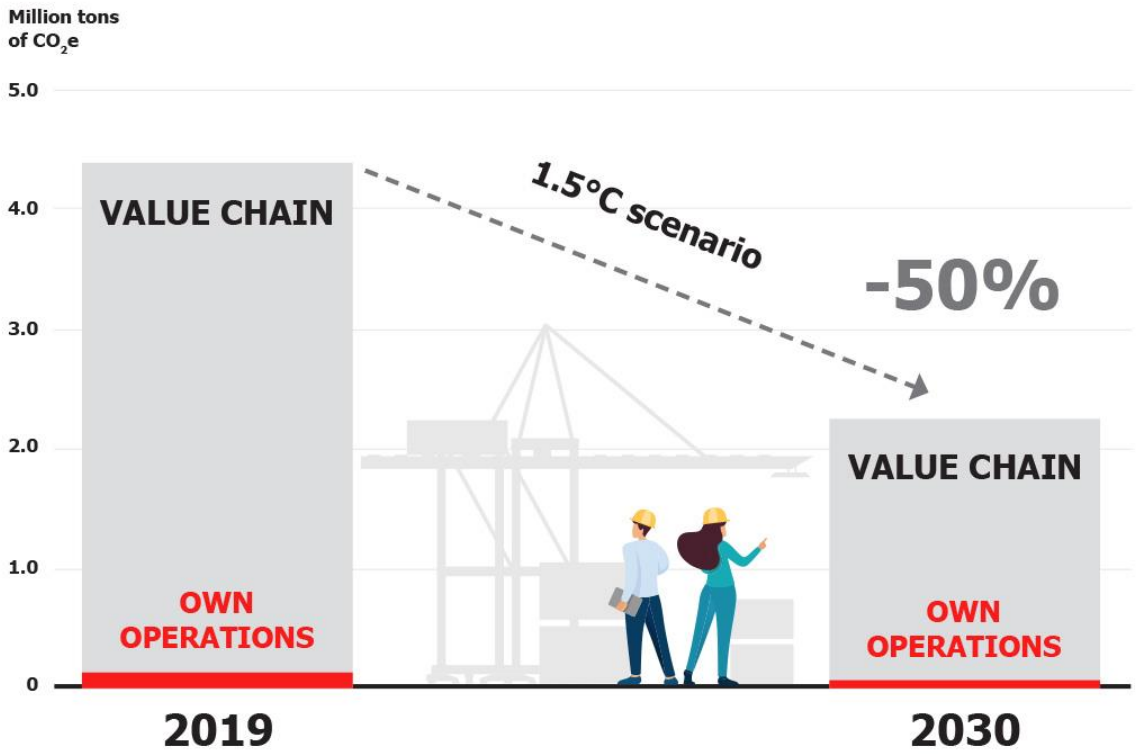
Konecranes climate ambition aligned with the Paris Agreement – limiting the global warming to 1,5C



OWN OPERATIONS:

- **50% absolute GHG emission reduction** by 2030
- **Target achieved** already in 2022!

Renewed target: **Carbon neutral own operations** by 2030

VALUE CHAIN:

- **50% absolute GHG emissions reduction** by 2030, encompassing use of sold products and steel related purchases
- **Progress: -26%** in 2022

Our science-based climate targets have been validated by SBTi as being in line with the ambition to limit global warming to 1.5°C.
The scope 3 target covers more than 70% of the value chain emissions

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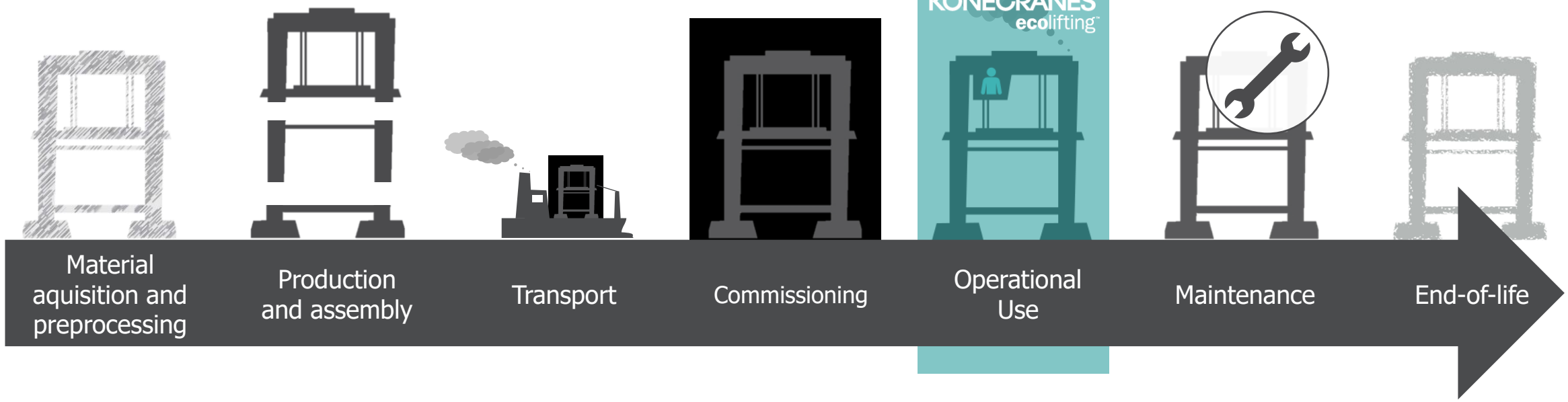
Product life cycle
CO_2 footprint

	Production Tons CO_2	**Use** T CO_2	**Other** T CO_2
DIESEL	~450	~5 000	~90
ELECTRIC	~450	~600	~90



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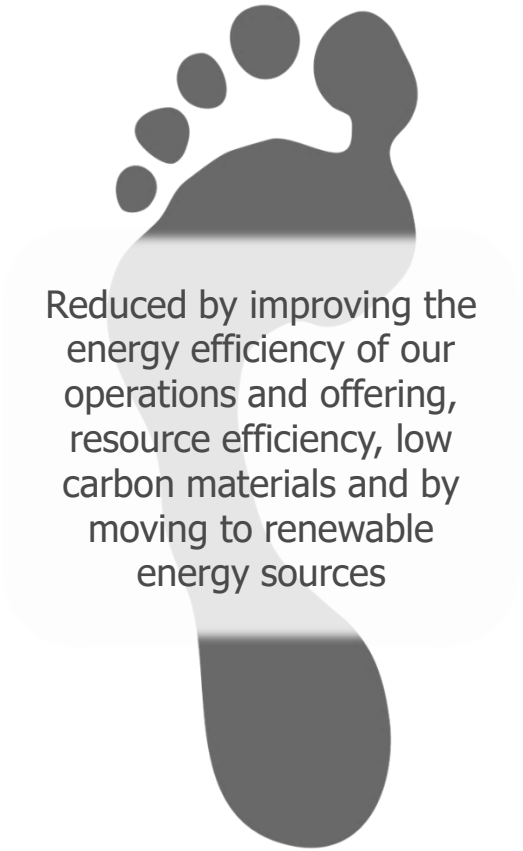
The benefits we generate with our products and services:

Carbon footprint

The negative effects we cause

Emissions caused by Konecranes' own operations



Reduced by improving the energy efficiency of our operations and offering, resource efficiency, low carbon materials and by moving to renewable energy sources

Carbon handprint

The good we can do for our customers

Emissions reduced in our customers' operations with the help of our products & services

Can be increased by strengthening our low-emission product offering and converting fleets with more eco-efficient technologies

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Konecranes’ sustainability commitments

We deliver safe and secure material handling solutions

We enable a decarbonized and circular world

We create a fair, inclusive, diverse and engaging working environment

We expect high ethical standards of ourselves and our business partners

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Thank you