ADVANCED INJECTION MOULDING

# Inject some Carmo into your business

# Carmo in brief


- Established in the 1940s by Carl Mogensen
- Specialist in multi-component injection moulding and advanced spin-stack moulding
- Based in Denmark

95 employees

35 injection moulding machines (15–250T)

80% export

Controlled environment and Clean room Class 8

ISO 13485

2.000 $m^2$ production + 2.000 $m^2$ warehousing

# 3 main business areas – 75% medical

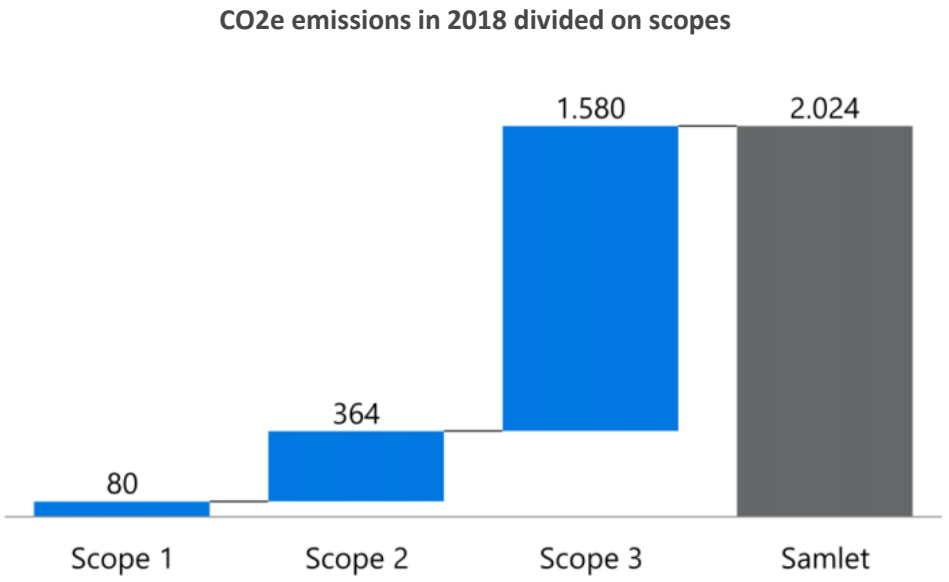
**Customer projects**
50%

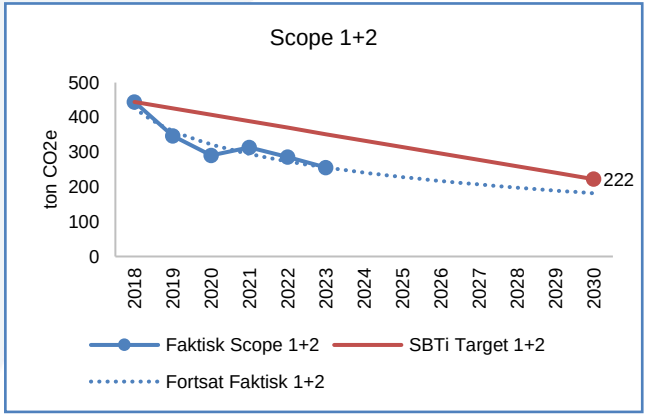
**Medical components**
25%

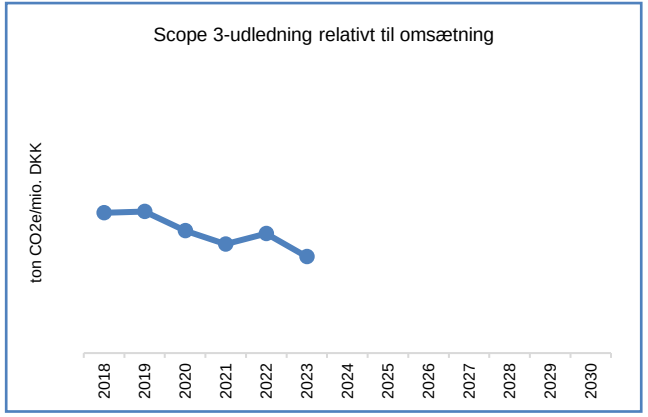
**Technical components**
25%

# CO2 emissions in Scope 1, 2 and 3

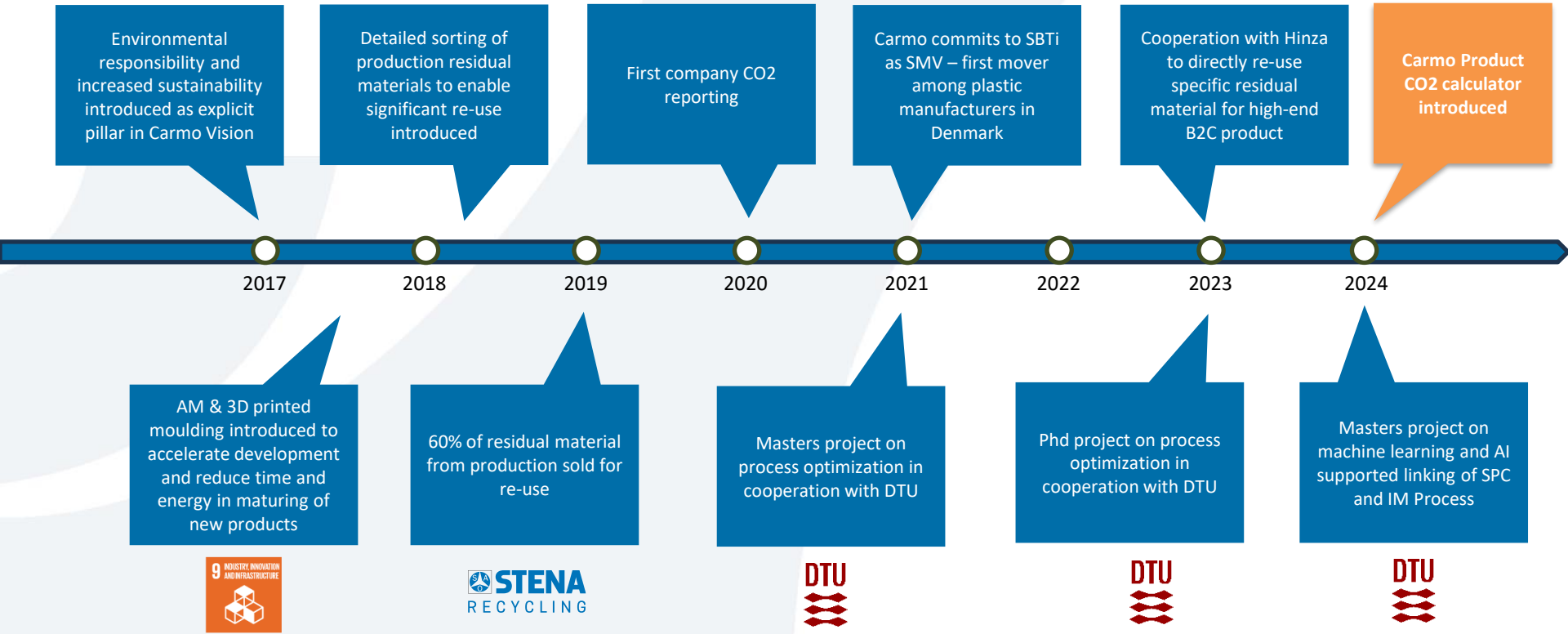
Scope 1 accounts for ≈ 4%, Scope 2 ≈ 18% and Scope 3 ≈ 78% of the total of 2,000 tons CO2*



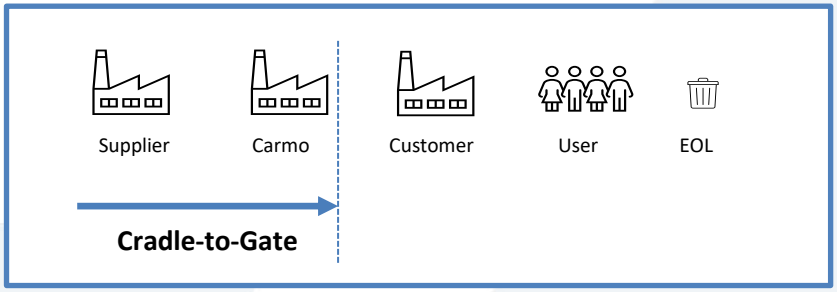



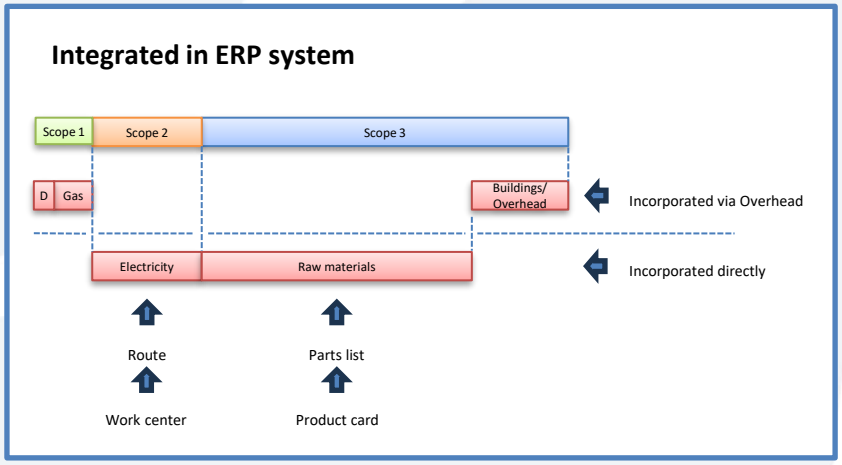



# Increasing sustainability in focus since 2017



# Fundamental principles of Carmo product CO2 calculator




- Build and verified in co-operation with market leading LCA experts
- Based on CHG-protocol principles
- Full transparency in calculation principles
- Calculated for every product
- Detailed in
  - Materials
  - Process
  - Transport
  - Waste
  - Packaging
  - Overhead
- Re-calculated periodically to ensure validity of data
- Detailed Reporting on request
- Potentially reported on each individual delivery note / invoice

# Projektet

Støttet via SMVGrøn 2.0

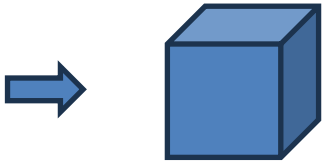

Scope :

- Opbygning af model
- Integration i ERP
- Initiel masterdata

ERP

- Masterdata
- Beregning
- Rapportering

BI-kube



- Ad-Hoc Rapportering
- Analyse

# Hvorfor i ERP-systemet?

1. Organisationen opdaterer masterdata i kendt system
2. Let genberegning på 600+ varenumre med dybe styklister
3. Audit-log og historik
4. Rapportering på dokumenter