

Keynotes

Ypsomed AG, selfcare solutions

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Eco Design & Circular Economy at Ypsomed

4. Forum Kreislaufwirtschaft Keynote Presentation

Thuysi Dao
Sustainability Innovation Lead



Ypsomed at a glance



Leading in injection systems for self-medication



Founded in 1984 as Disetronic; operating as Ypsomed since 2003; publicly listed since 2004



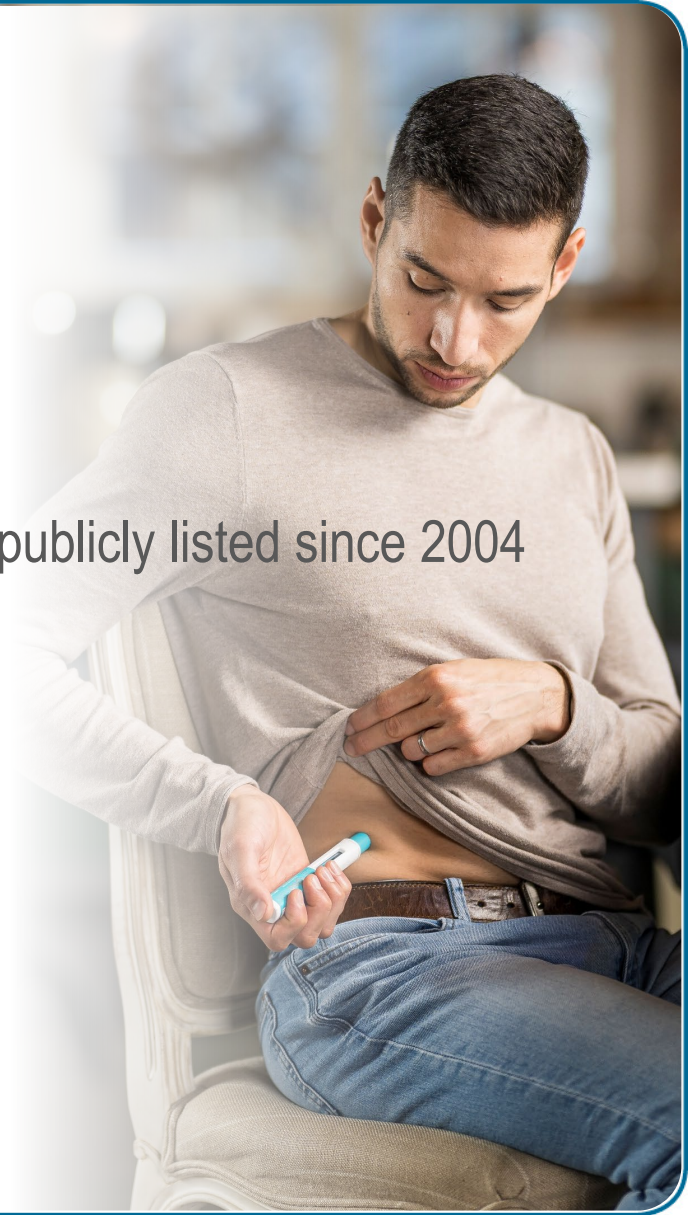
Headquarters in Burgdorf, plus three additional sites in Switzerland



Products available worldwide



More than 2000 employees, about 1500 in Switzerland



Our purpose: Making selfcare simpler and easier

Combination products for self-administration of pharmaceuticals



Ypsomed's NetZero ambition

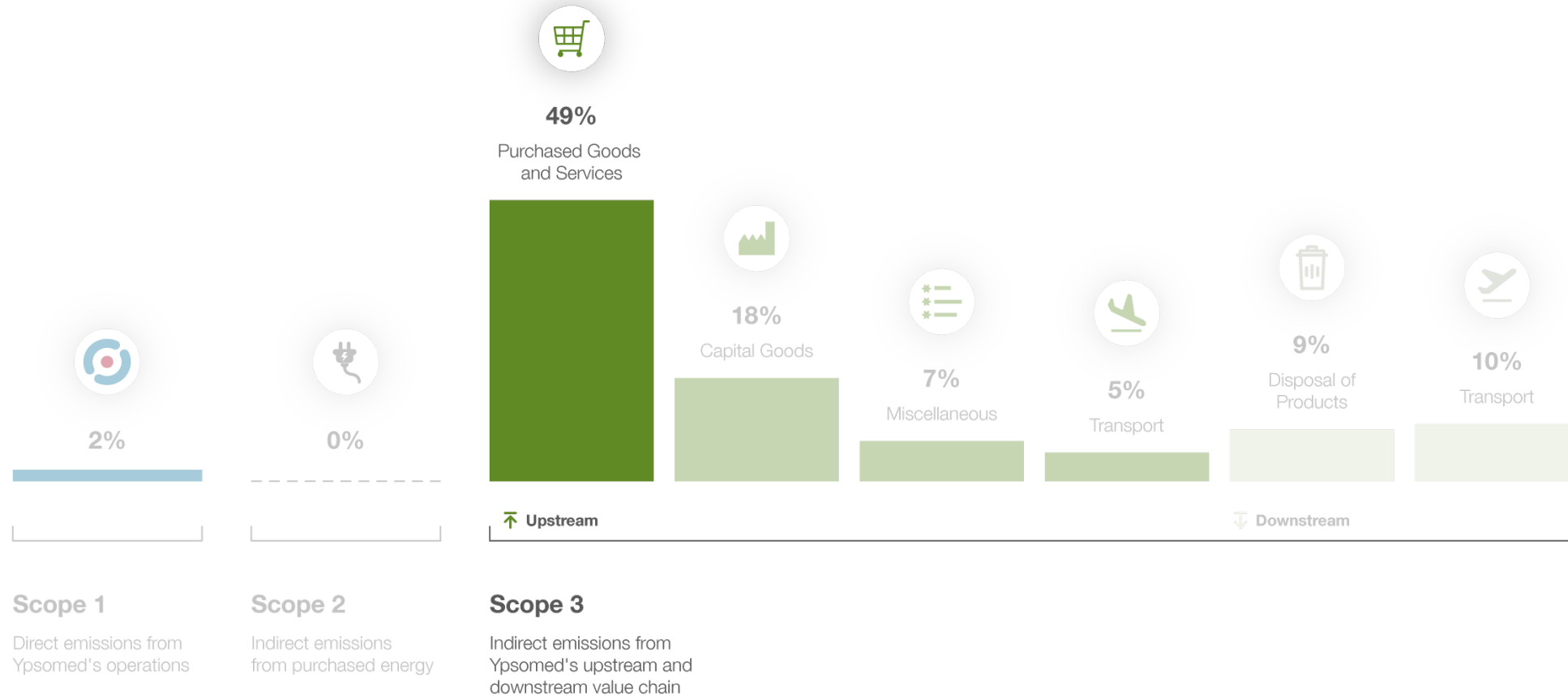
Supported by science-based targets

We are committed to science-based emissions reduction targets approved by the Science Based Targets Initiative:

- By **2030**, net zero operational CO₂ emissions (Scope 1+2)
- By **2030**, a selection of our products achieve net zero CO₂ emissions across their individual value chain (Scope 1–3)
- By **2040** at the latest, net zero CO₂ emissions across our entire value chain (Scope 1–3)



Scope 3 accounts for 98% of our emissions, making products our key lever



Circularity through innovation: Device design & take-back systems

Enabling circularity from two sides



- 1 Innovating on design and materials
- 2 Supporting a circular device economy

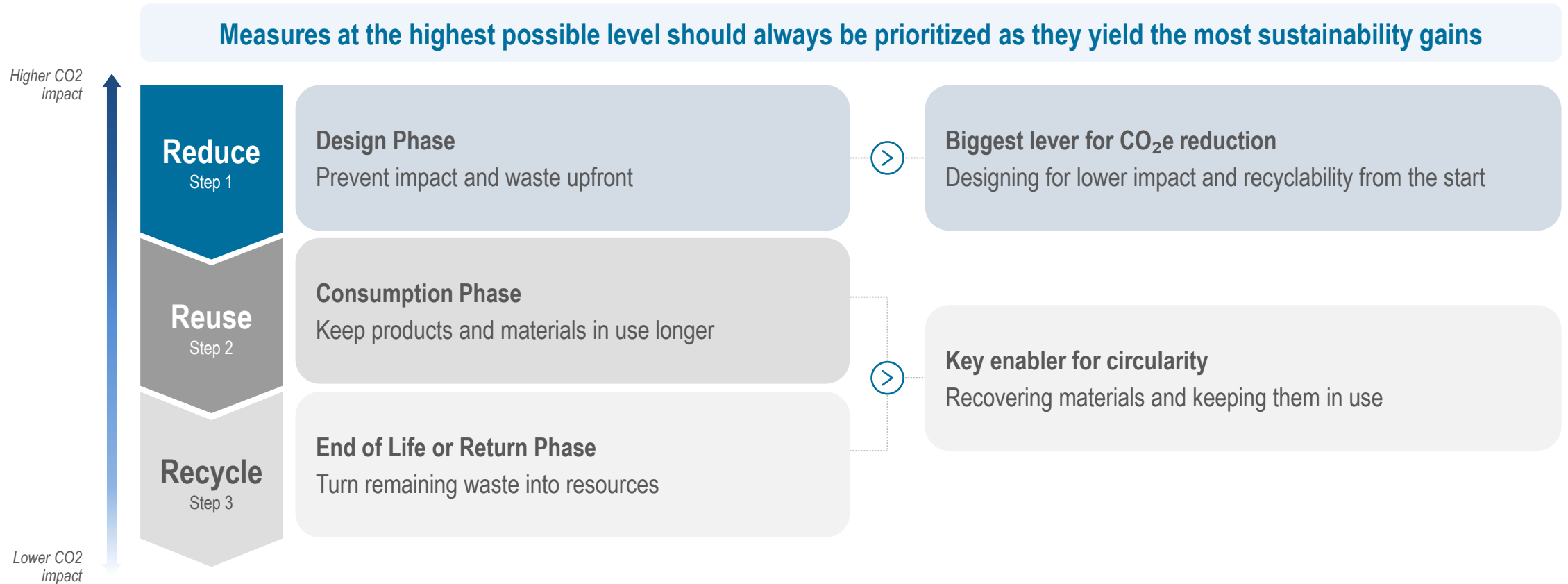
Part I: Advancing circularity through sustainable product design



Activating design and material levers

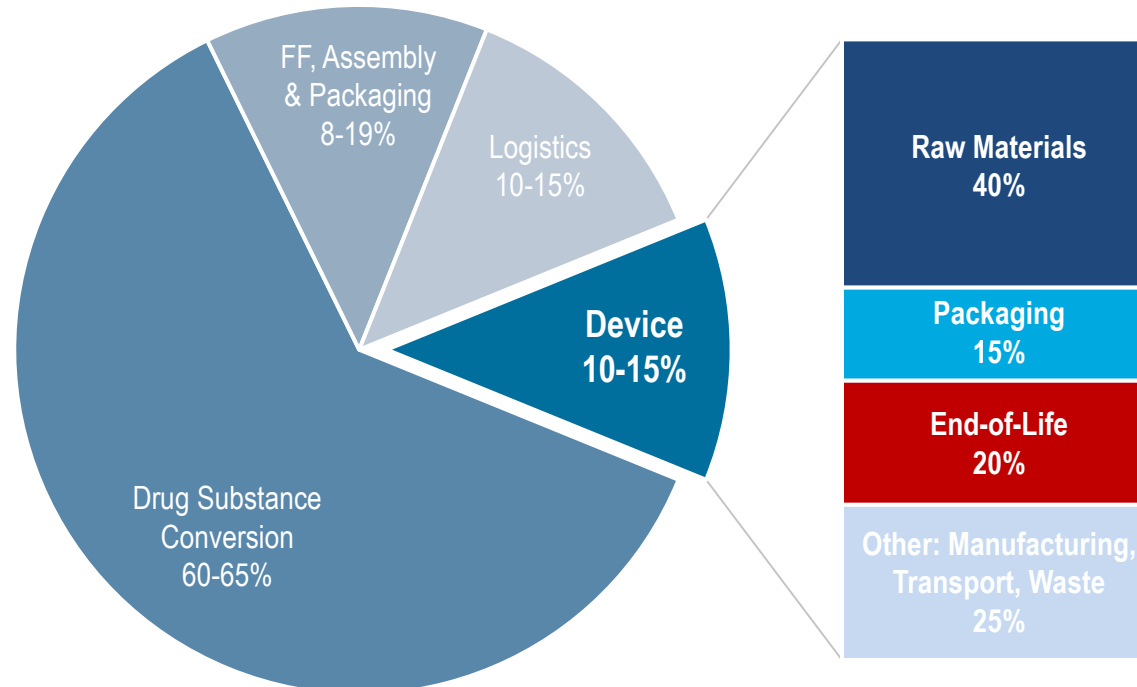
- **Optimizing existing devices** through sustainable material choices
- **Embedding eco-design** in new device development from day one

We prioritize design choices that reduce impact today and enable recyclability tomorrow



Early design decisions drive the biggest CO2 impact and can limit waste from the outset

Breakdown of CO2e for peptide-like product with Ypsomate 1 ML (indicative)



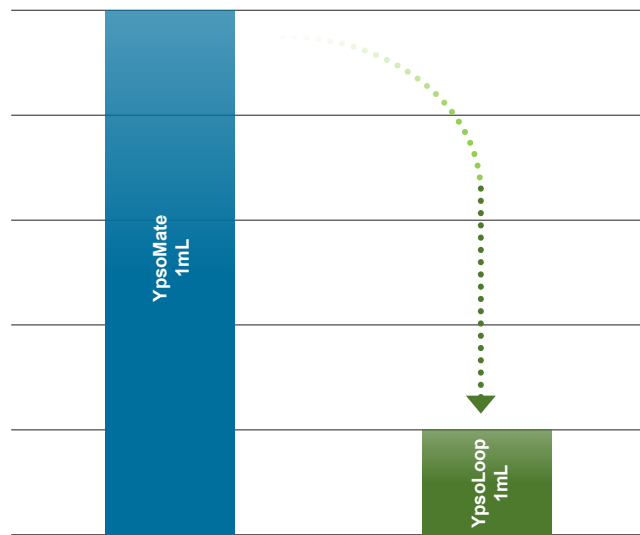
Most impact is set before end-of-life: Our “legacy” devices lock in most emissions at the design stage

- Bio-based materials, fewer material types
- Sustainable packaging solutions

Source: BCG Analysis; Alliance to Zero, internal Ypsomed LCA

YpsoLoop[®] 1mL reduces CO₂ emissions and paves the way for circularity

The immediate impact



>75% less CO₂ emissions from materials use¹

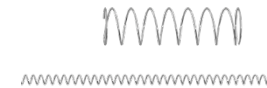
Take-back



The circular future



Plastics:
2 bio-based mono-material subassemblies



Metal: Springs



RECYCLING

The primary container can be separated from the other materials and properly disposed of.

¹Disclaimer: The analysis is based on a cradle-to-gate assessment acc. ISO 14067 including biogenic carbon storage of the material used in the device and end-of-life (50% landfill / 50% incineration). The climate change impact (g CO₂-eq/device) is based on current data, which will be regularly updated. A third-party review for YpsoLoop 1mL is pending.

Part II: Circularity beyond design

Circularity requires both product design and end-of-life recovery solutions

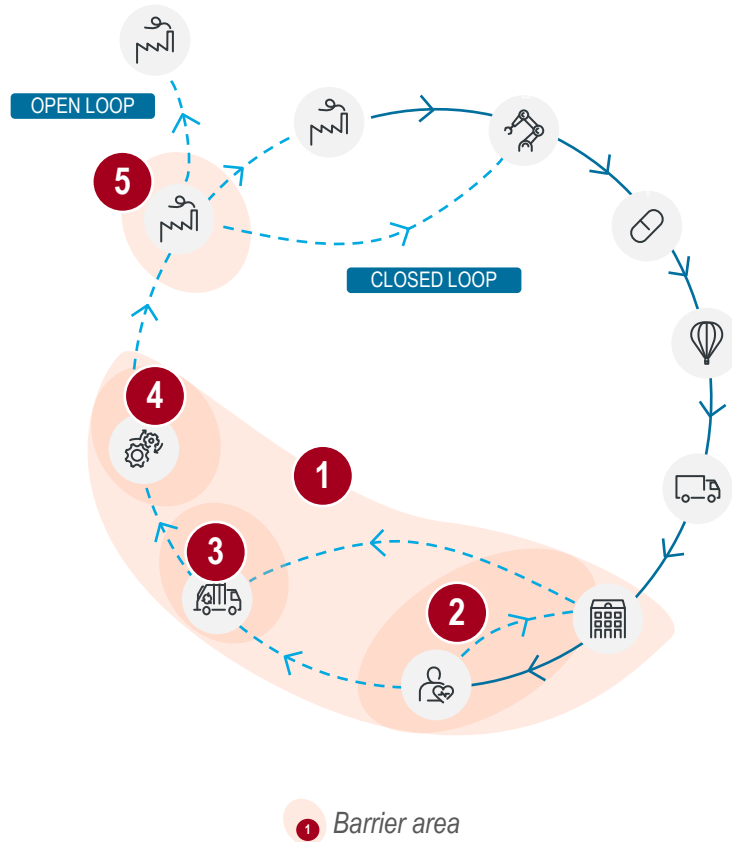


Supporting a Circular Device Economy

- Connecting sustainable device design with **real-world recovery and recycling systems**

What it takes to be circular: An end-to-end ecosystem perspective

Barriers remain before full circularity is possible



1 No global & universal system
Regional partners need to be on board

2 Low returns
Return rates need to be high

3 Inconsistent waste regulations
Collection needs coordination

4 No recycler-aligned disassembly
Materials need to be separated

5 No guaranteed outlet
Material has to be reused

Major barriers remain

Progressing

Feasible

Enabling material recovery requires system-wide capabilities, partnerships and coordination

