

# RETHINKING AND REDUCING PACKAGING MATERIALS WHILE SIMPLIFYING LOGISTICS

**COREDUX®**

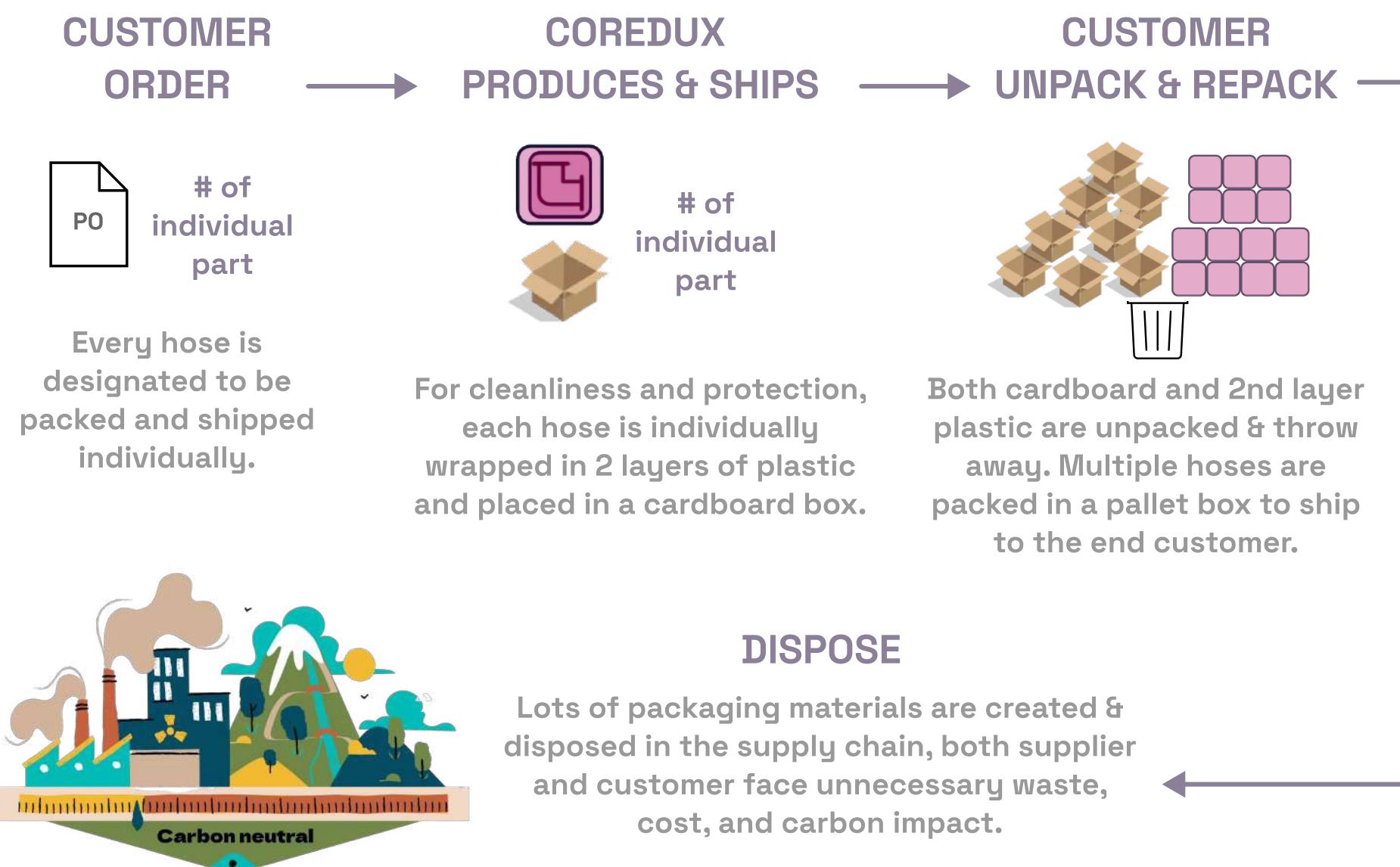
SUCCESS STORY #05

HERE'S HOW THEY DID IT →

# INEFFICIENT & WASTEFUL INDIVIDUAL SHIPMENTS

## What is CoreDux solving?

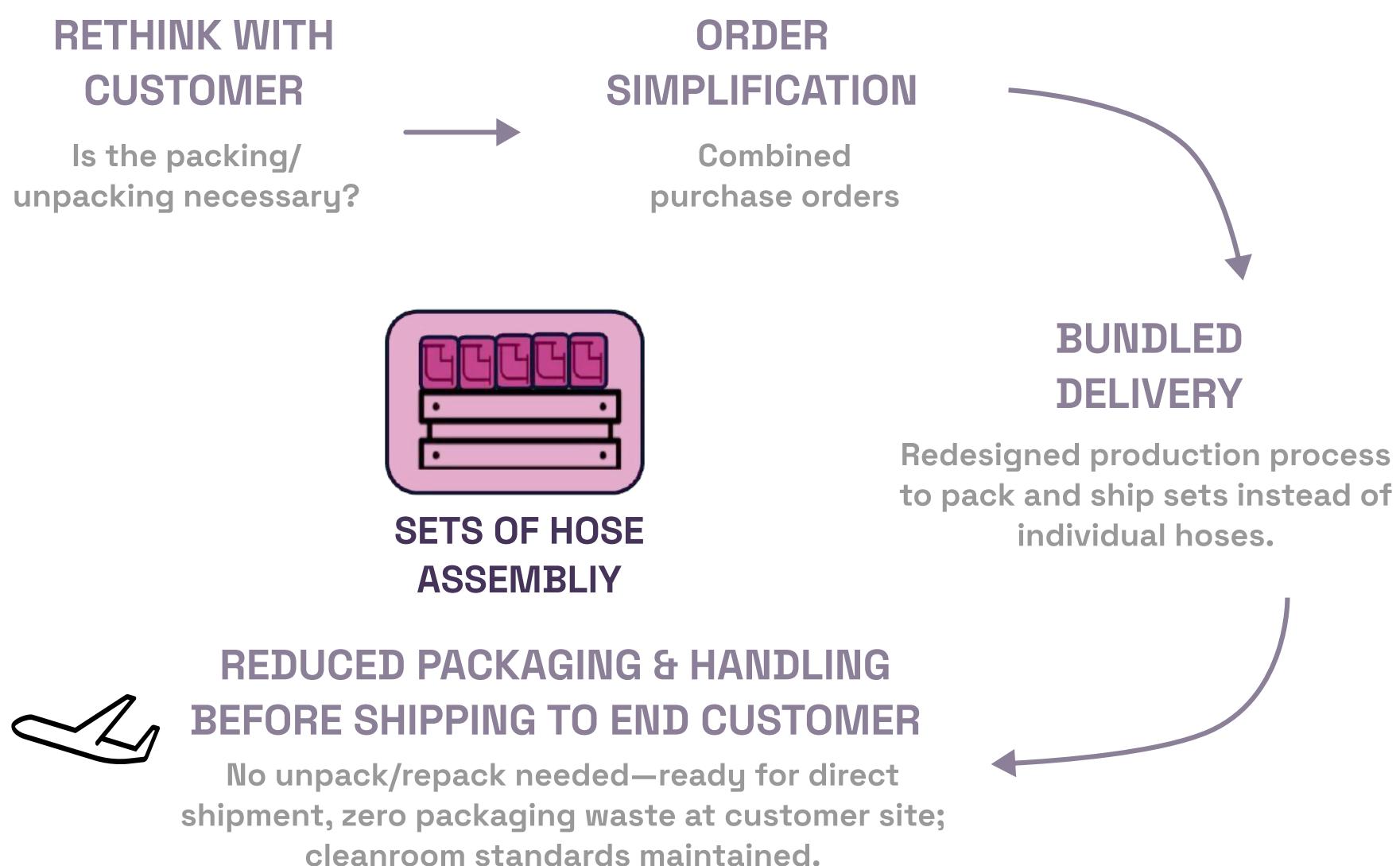
The current model—with separately packed hoses per system—contributes directly to scope 3 emissions, making packaging waste a shared challenge for both CoreDux and their customer to address together.



# A REDESIGNED FLOW FOR PACKAGING REDUCTION

## How is CoreDux solving?

By bundling individual hoses into a small number of assembly sets, CoreDux reduces packaging at the source and simplifies logistics for both parties —without compromising product protection.



# BUNDLING FOR IMPACT: LESS PACKAGING, SIMPLER LOGISTICS, DRIVING SCOPE 3 EMISSIONS REDUCTION

## What is the impact?

Through a successful pilot—one assembly set shipped and delivered—CoreDux demonstrated significant potential impact:

- Packaging waste reduced by ~50% (plastic) and ~75% (cardboard)—while maintaining cleanroom standards.
- Logistical planning improvement for both CoreDux & their customer.
- An integral business case created—showing both environmental and economic benefits.

>>> HOW DID THEY GET THERE?

# IMPORTANT STEPS IN CREATING SUCCESSFUL CIRCULAR INNOVATION

What have CoreDux and their customer collectively done to drive circular innovation?

- ✓ Cross-functional collaboration—diverse expertise enabled in-depth process analysis to define opportunity and problem.
- ✓ Rapid proof of concept—a small-scale pilot executed and validated within one month.
- ✓ Long-term scaling mindset—exploring potential to apply validated concept to other products and systems.



**”I’m really happy with the cooperation with the customer and the program guidance. We were able to push through and get the idea in place. There is sufficient motivation on both sides to take the next steps. We’re now building on it. It’s not just a concept sheet. This is really going to happen.”**

KOEN BAKERMAN - COREDUX - COMMERCIAL DIRECTOR

This chain project is powered by CIP. The program is organised and facilitated by ImpactX as an independent chain orchestrator for circular transition in the high tech sector.

# INNOVATION THRIVES ON COLLABORATION— WHAT COULD THIS APPROACH DO FOR YOUR VALUE CHAIN?

What ideas do you have for circular innovation, but you're unsure how to get started?

## LET'S EXPLORE THE OPPORTUNITIES TOGETHER!

ON A MISSION TO DRIVE CIRCULAR BUSINESS IN THE  
HIGH-TECH SECTOR TOWARDS AN INDUSTRIAL SCALE

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