



HUSKK

Langer leven, anders werken

Next-generation
exoskeletons
for workers

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40%

Europeans workers suffers from
work-related musculoskeletal disorders

70%

of absenteeism due to locomotoric problems at Belgian retailer

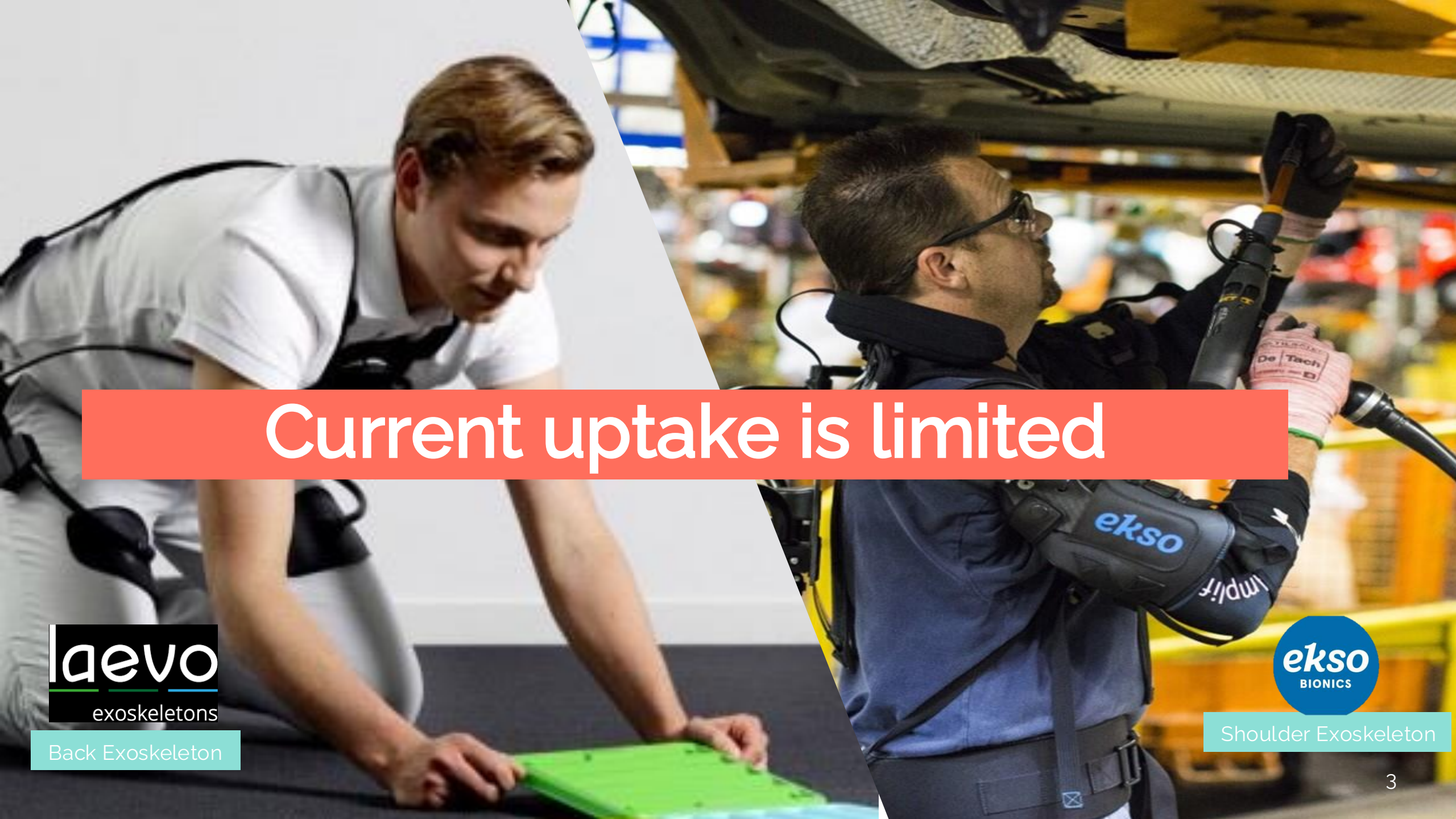
We need to change the way we work

52%

Construction workers had back pain in last 12 months

100.000 €/day

Cost of absenteeism at user group member



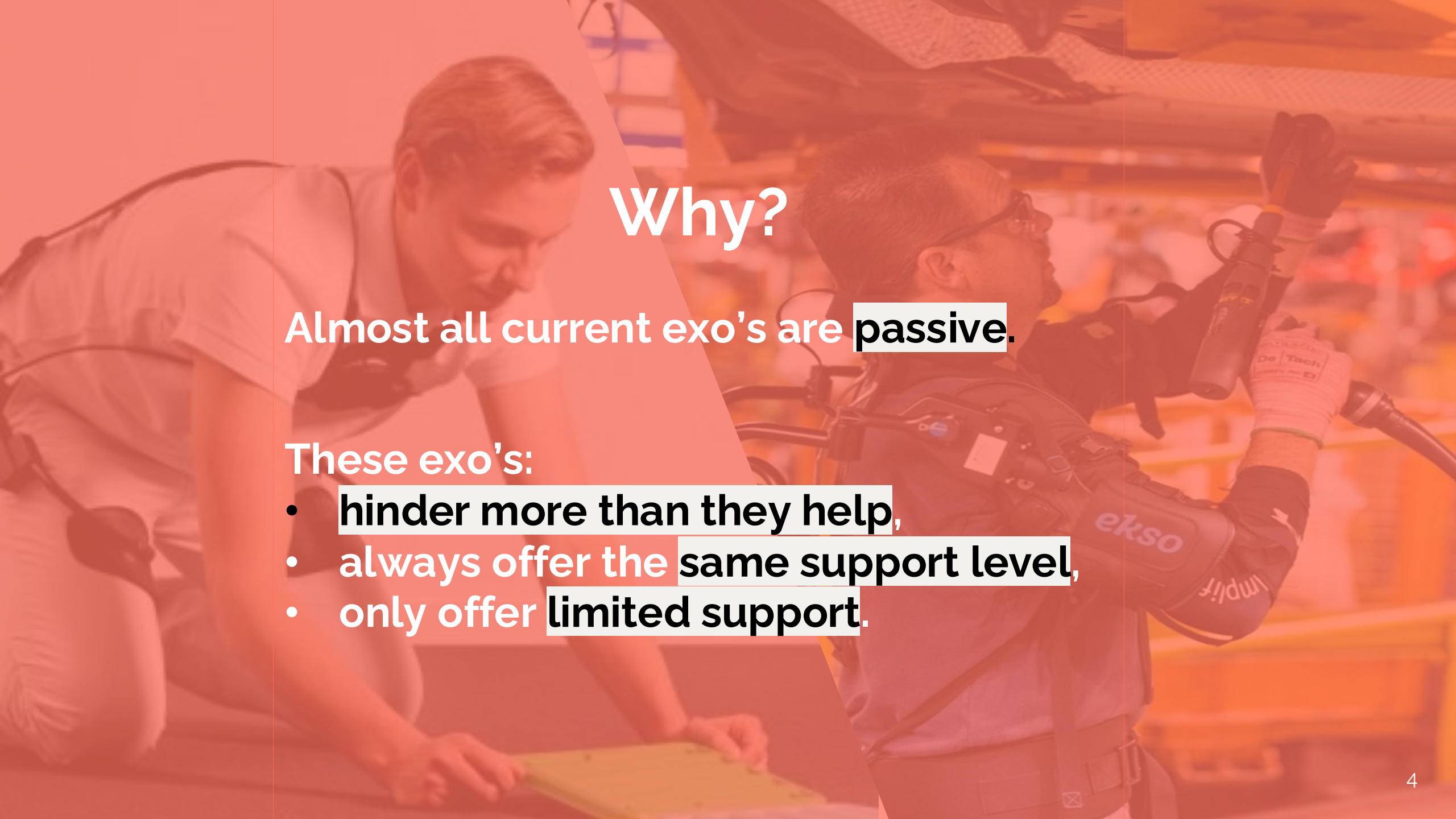
Current uptake is limited

laevo
exoskeletons

Back Exoskeleton

ekso
BIONICS

Shoulder Exoskeleton



Why?

Almost all current exo's are **passive**.

These exo's:

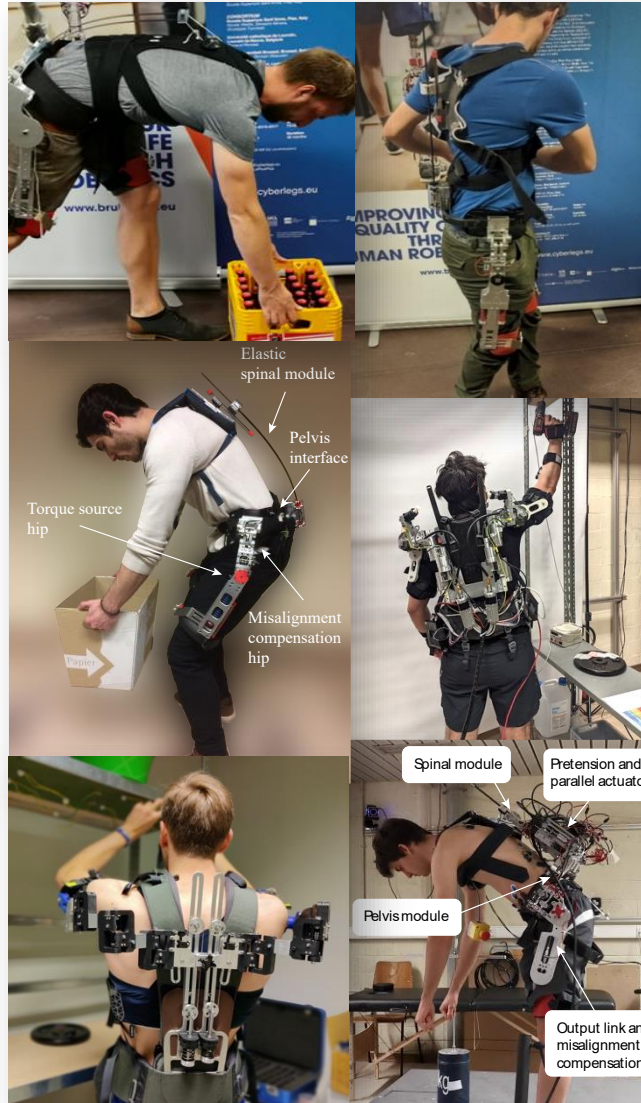
- **hinder more than they help,**
- **always offer the same support level,**
- **only offer limited support.**

Robotic exoskeletons are the solution:
**Wearable robots that support the body,
while keeping human flexibility**

Overcome static behavior of
passive exoskeletons

The few **powered** ones out there
are **bulky, heavy** or just plain
ineffective

HUSKK exoskeleton developments



The Exo4Work project was done in co-creation with



DORS back exoskeleton

Combine a best-in-class passive design with a
NOVEL AND **PATENTED** ACTUATION CONCEPT:
REMOTE ACTUATION

We can place
the motors here

Not here

- + Much **smaller footprint** and **bulkiness**.
- + **Target weight below 3.5 kg**, lower than any robotic back exo on the market.



HUSKK Dors exoskeleton



Dors exo (first product) is still in prototype phase

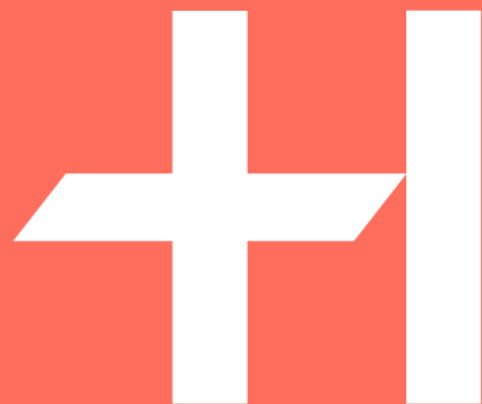


BUT first trials/demo's planned for 2026



Interested? -> joost@yourhuskk.com for all info





www.yourhuskk.com