

INDE

ENHANCING MOBILITY





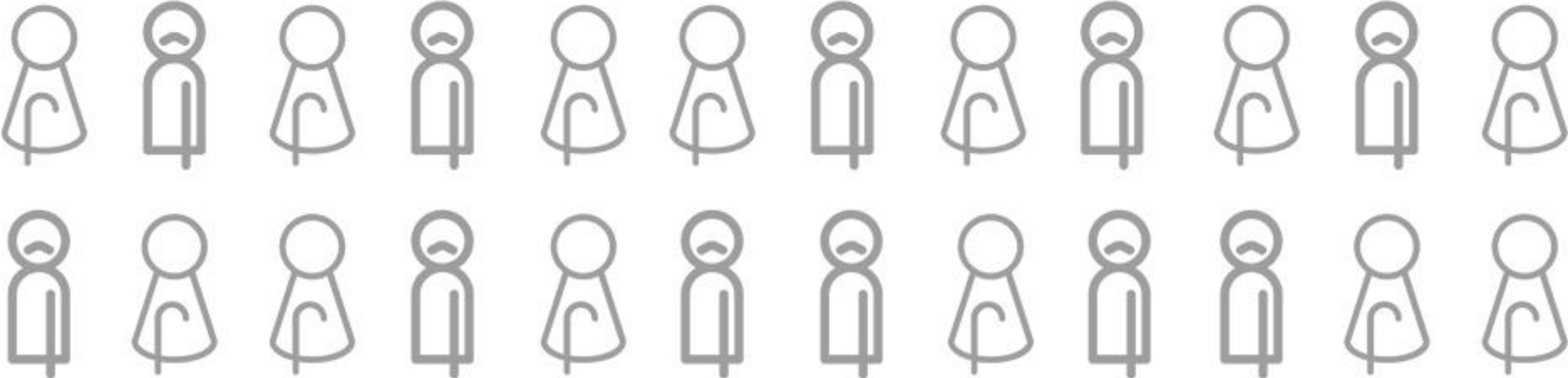


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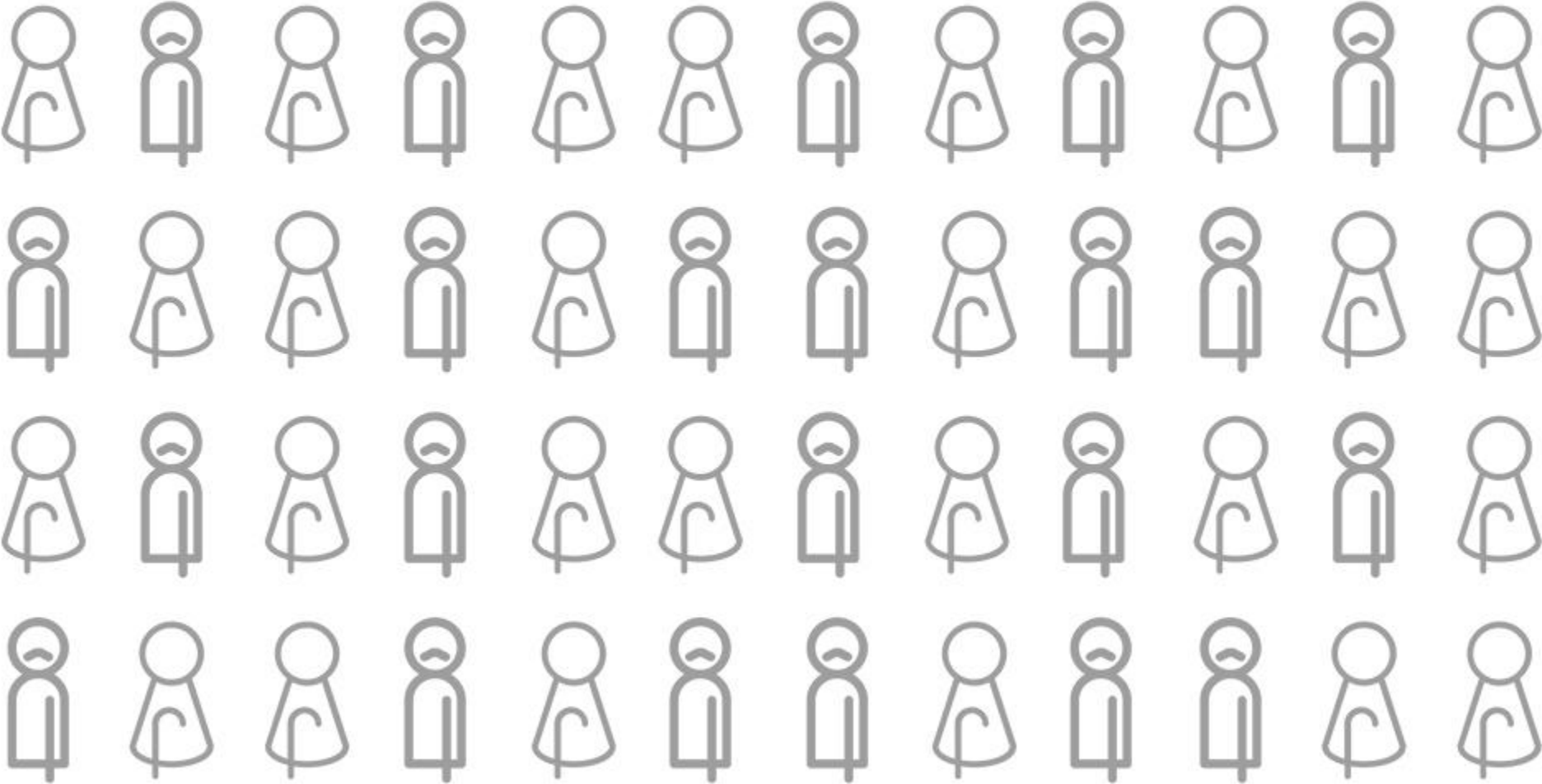
From Q&A



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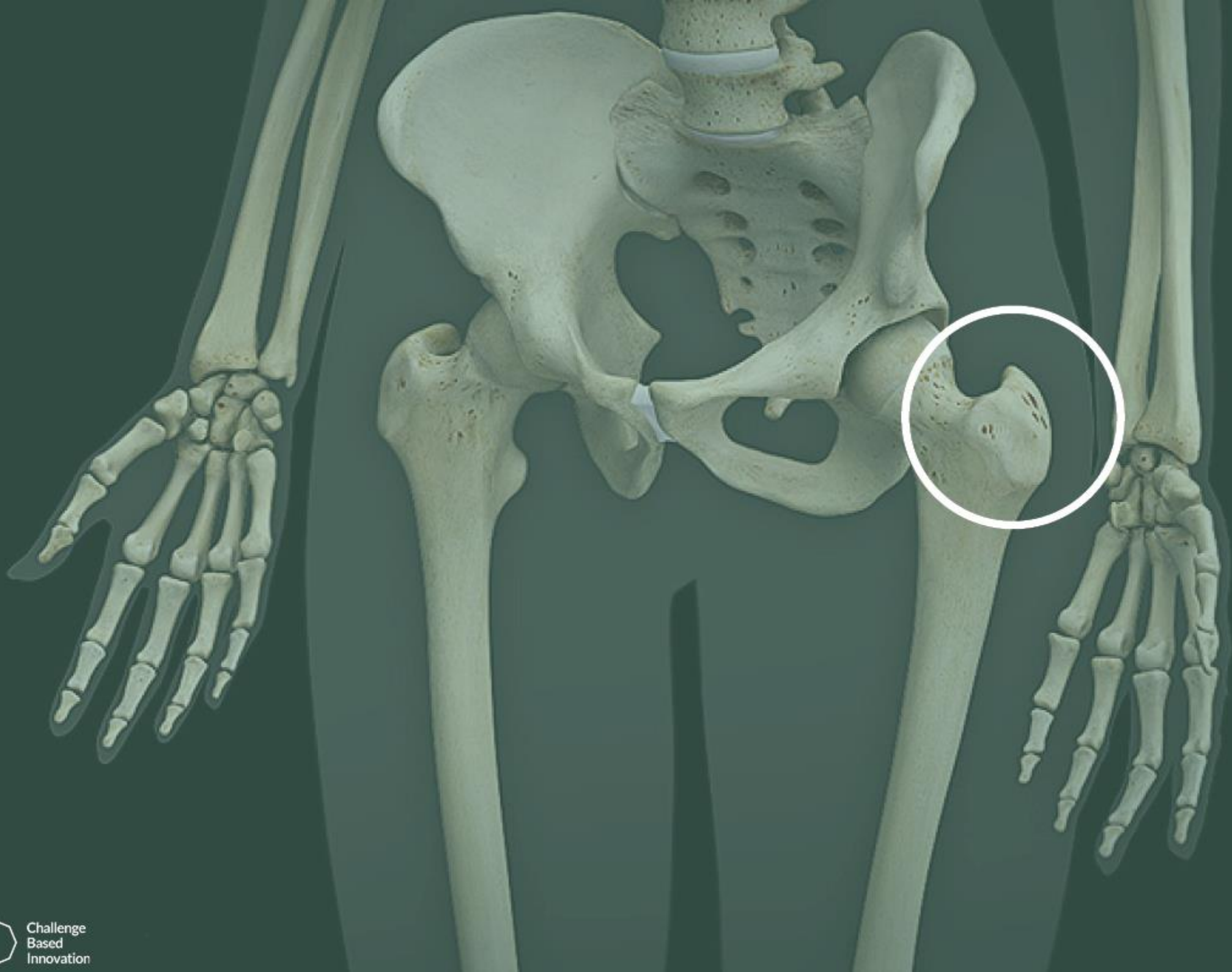
Europe in 2050



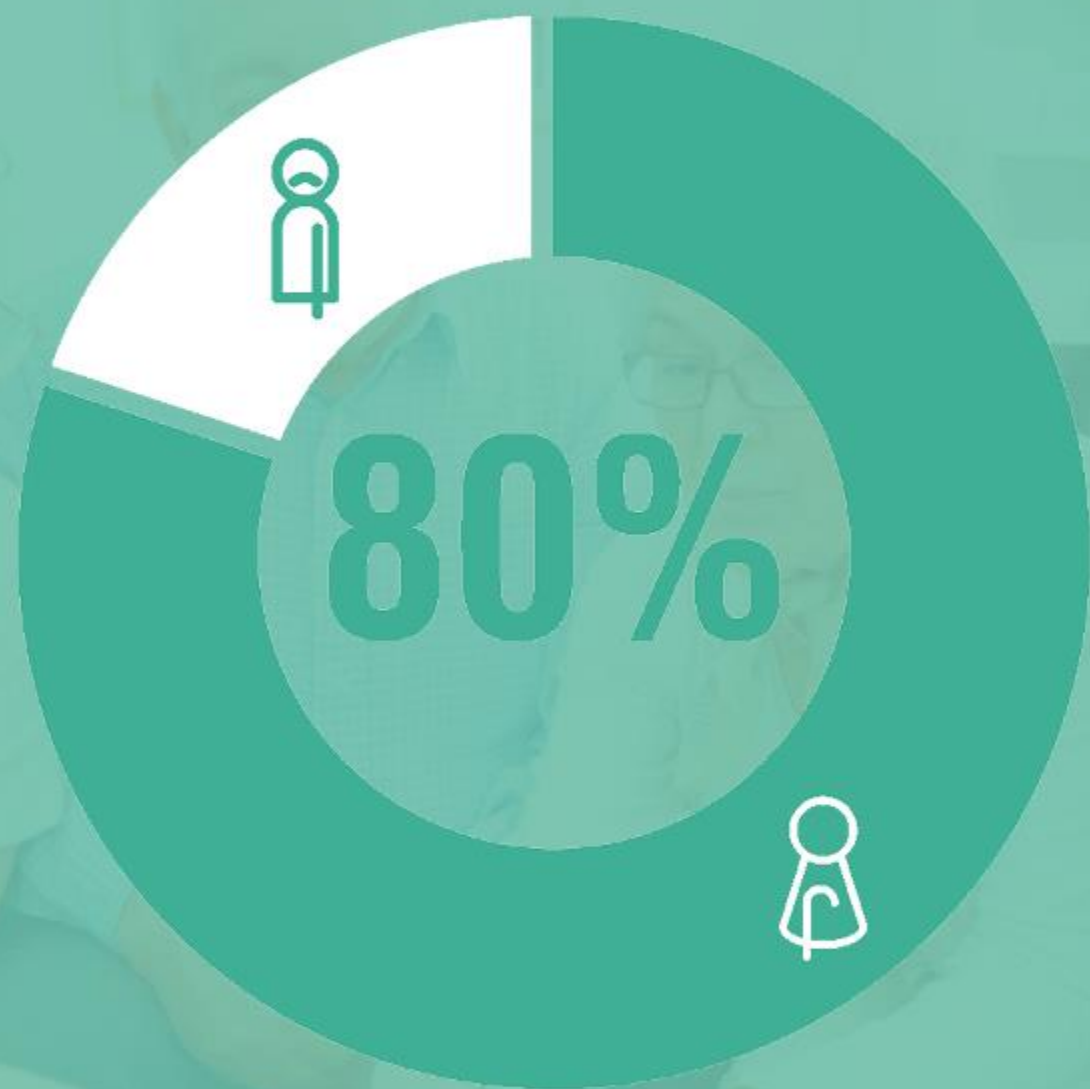


In terms of money

Fallings cost 21,5 billion € annually in Europe







reason osteoporosis





background research **what is allready there**



hip protectors
hard to wear

background research **what is allready there**



hip protectors
hard to wear



walkers
sign of weakness



walking stick
unsafe



background research **unused devices**



background research **unused devices**



background research **unused devices**





**something to prevent injuries,
make you feel confident,
is easy to use, and looks good.**



quote Lauri Alanko, doctor of the Finnish national football team

**“As little
help as
possible”**



first tests

a lifevest on your hip?

project key factors

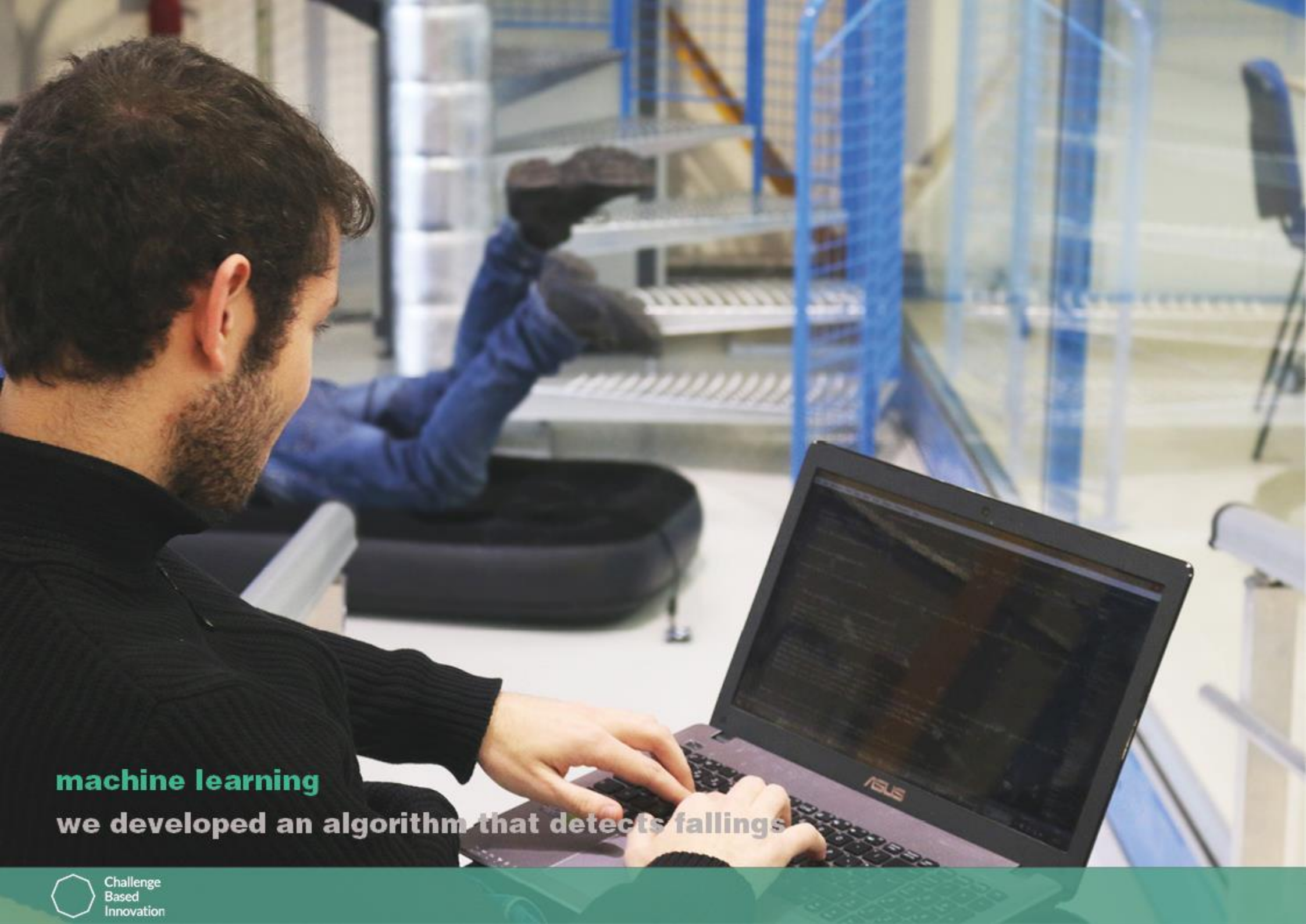


project key factors



project **key factors**





machine learning

we developed an algorithm that detects fallings



mechanic development

we developed a system that cracks a CO2 capsule



Challenge
Based
Innovation

CERN open hardware license

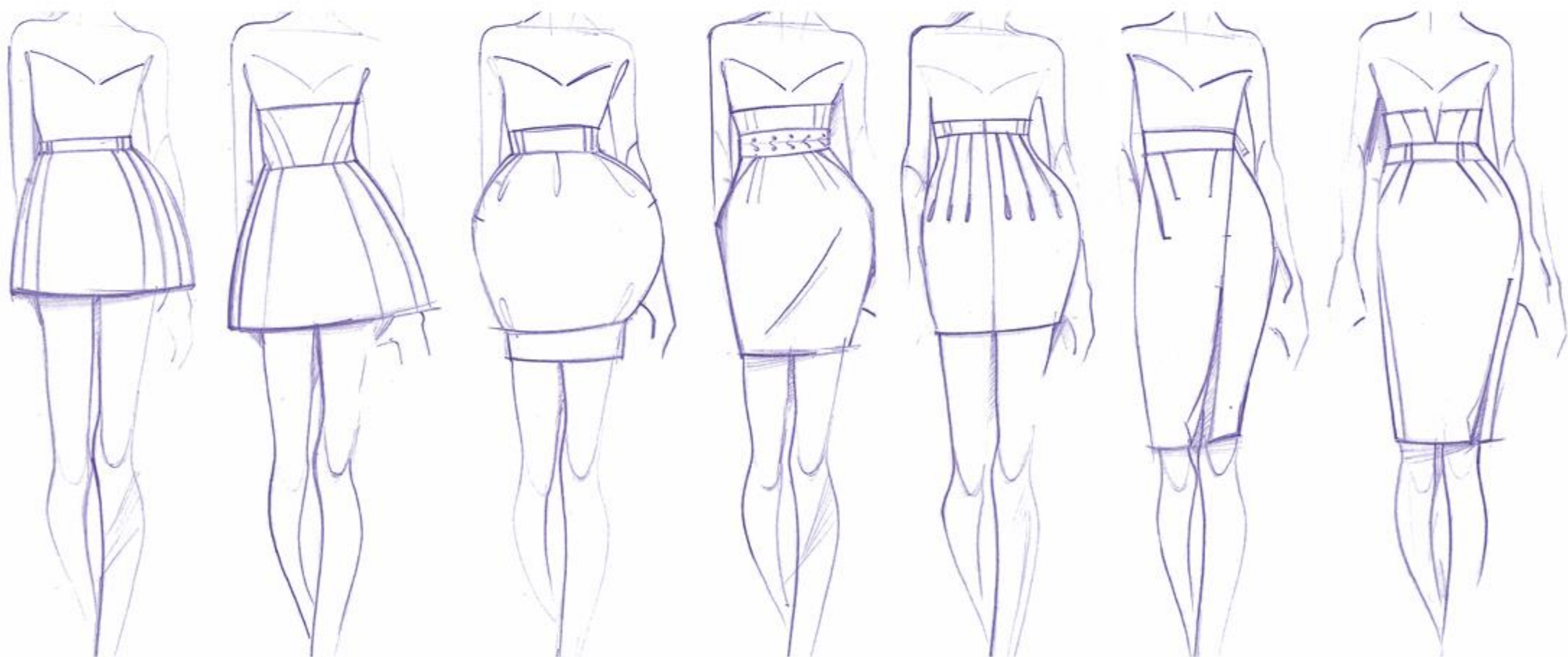




product development

we made an inflatable cushion that can be attached to clothing





defining the product

product **INDE** skirts



product impact





target group of the skirt:

active women who want to move outdoors without fear



Challenge
Based
Innovation



THANKS

STAY INDEPENDENT STAY MOBILE



Challenge
Based
Innovation