TOWARDS SUSTAINABLE AND AUTOMATED CONSTRUCTION

Pitch deck - November 2021

hyperion
robotics

THE LEAST AUTOMATED INDUSTRY

Construction represents **10% of the world GDP** and yet is the least automated industry.

hyperion™
robotics

THE MOST POLLUTING

The Building Industry produces **40%** of global CO2 emissions.

Concrete is the second most widely used material on earth, and **cement,** one of its main components, is one of the main causes of this.
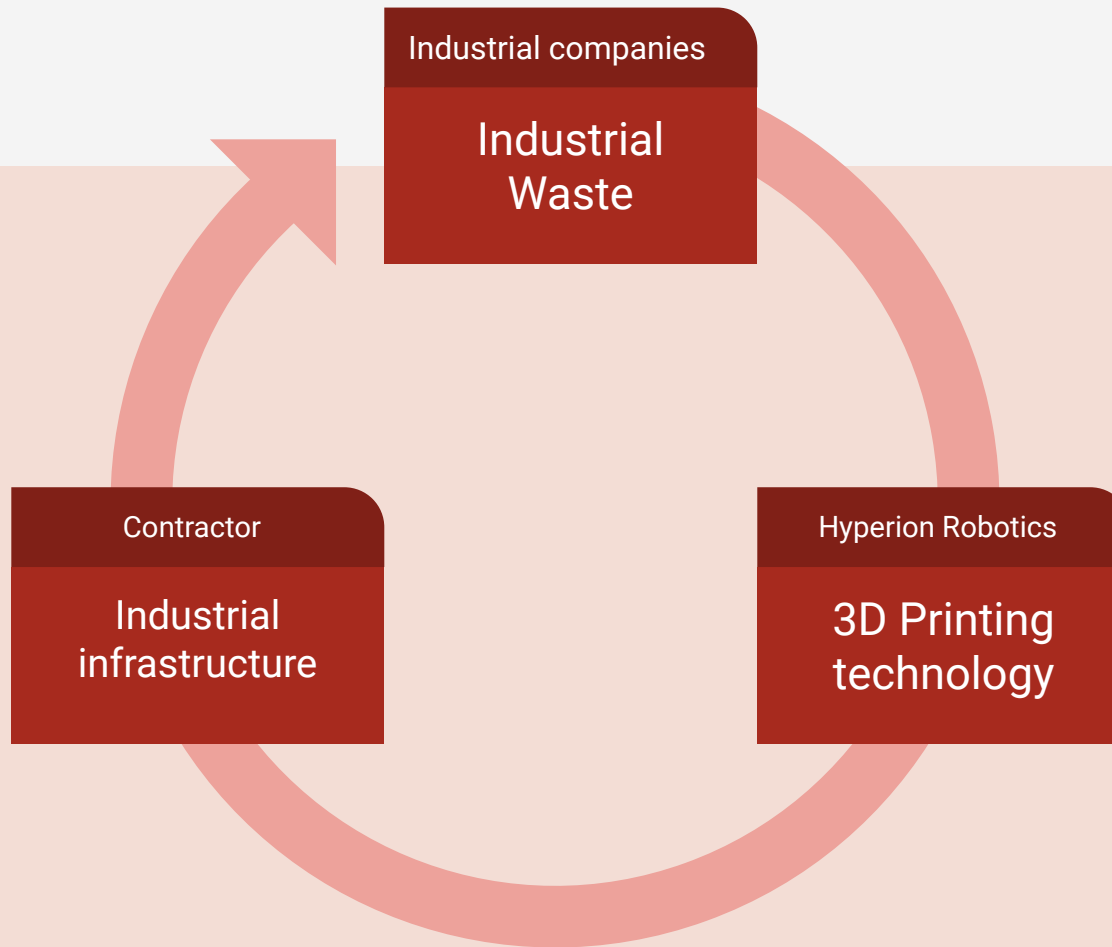

hyperion
robotics

3

WE ARE RETHINKING OUR APPROACH TO CONCRETE MAKING

hyperion™
robotics

LOW-CARBON CONCRETE AND LARGE SCALE 3D PRINTING

MIXER

PUMP

HOSE

PRINTING HEAD

ROBOT

CONTROLLER

TEACH PENDANT

UPCYCLING WASTE MATERIALS FROM THE INDUSTRY
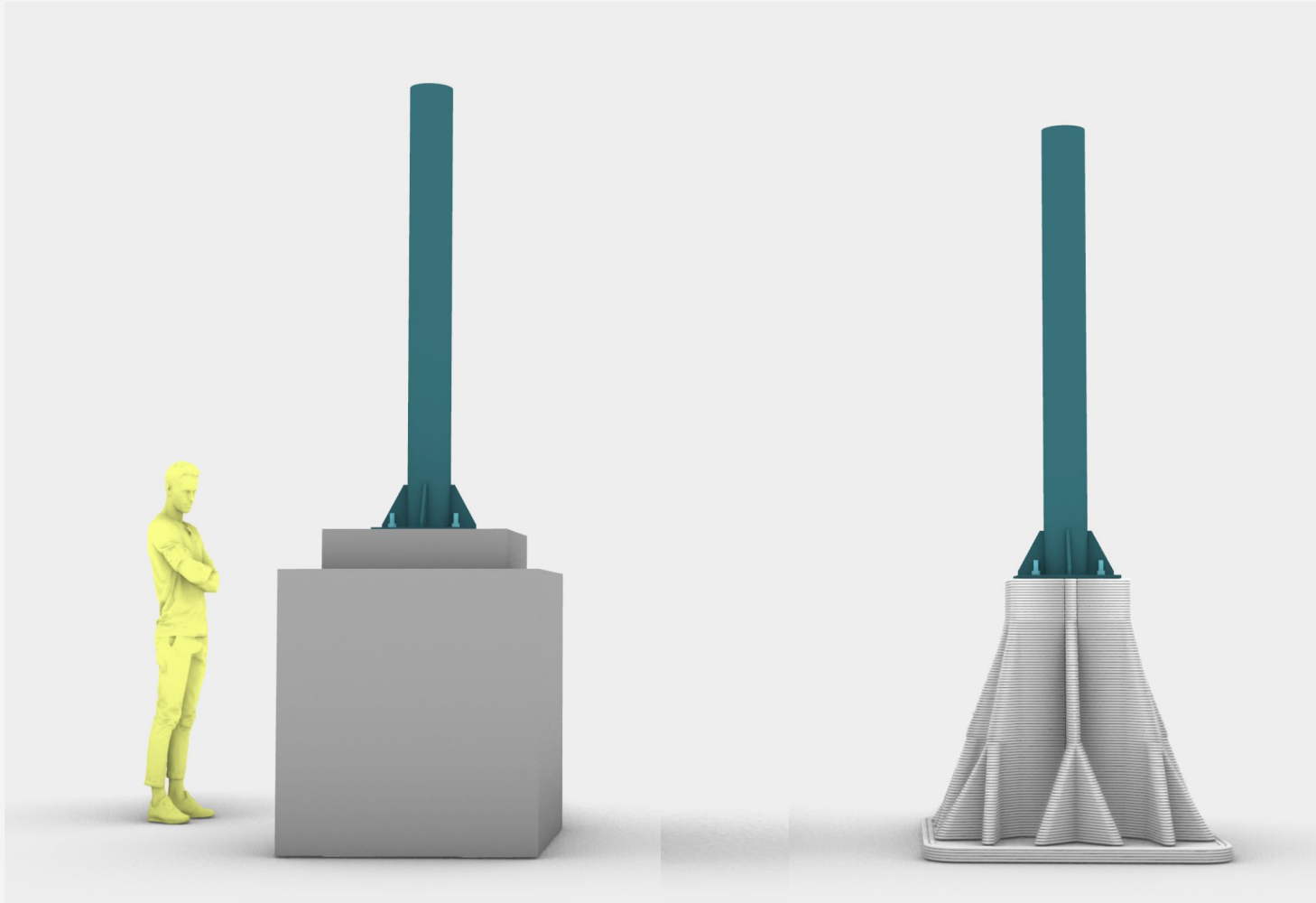
IMPACT - RENEWABLE ENERGY USE-CASE

- CIRCULARITY: LESS WASTE

- 75% LESS MATERIALS

- LESS CEMENT

- 2X FASTER, 20% CHEAPER

70% LESS CO2

WATCH THE VIDEO OF OUR PROJECT WITH

WE ENVISION A FUTURE WHERE ALL CONSTRUCTION SITES WILL BE AUTOMATED AND HYPERION WILL LEAD THIS TRANSFORMATION

hyperion robotics

CO-FOUNDERS

FERNANDO
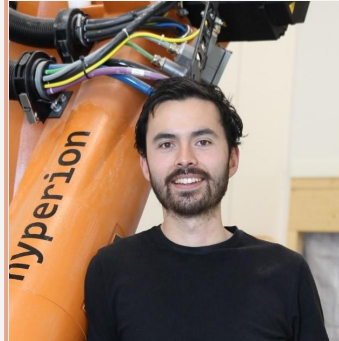
CEO

Finance and startups

ASHISH

CTO

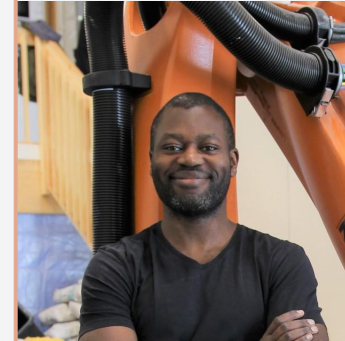Phd researcher and architect

HENRY

Head of construction

Engineer at Arup

WYCLIFFE
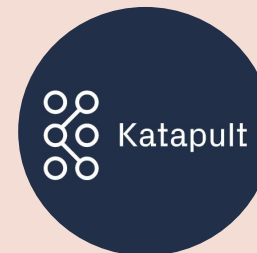
Head of Product

Product designer and manufacturing

OUR TEAM

Mariia

Architect/Designer

Miroslav

Automation engineer

OUR PARTNERS:

A! Aalto University

KUKA

Fraunhofer IFF

Katapult

hyperion robotics ™

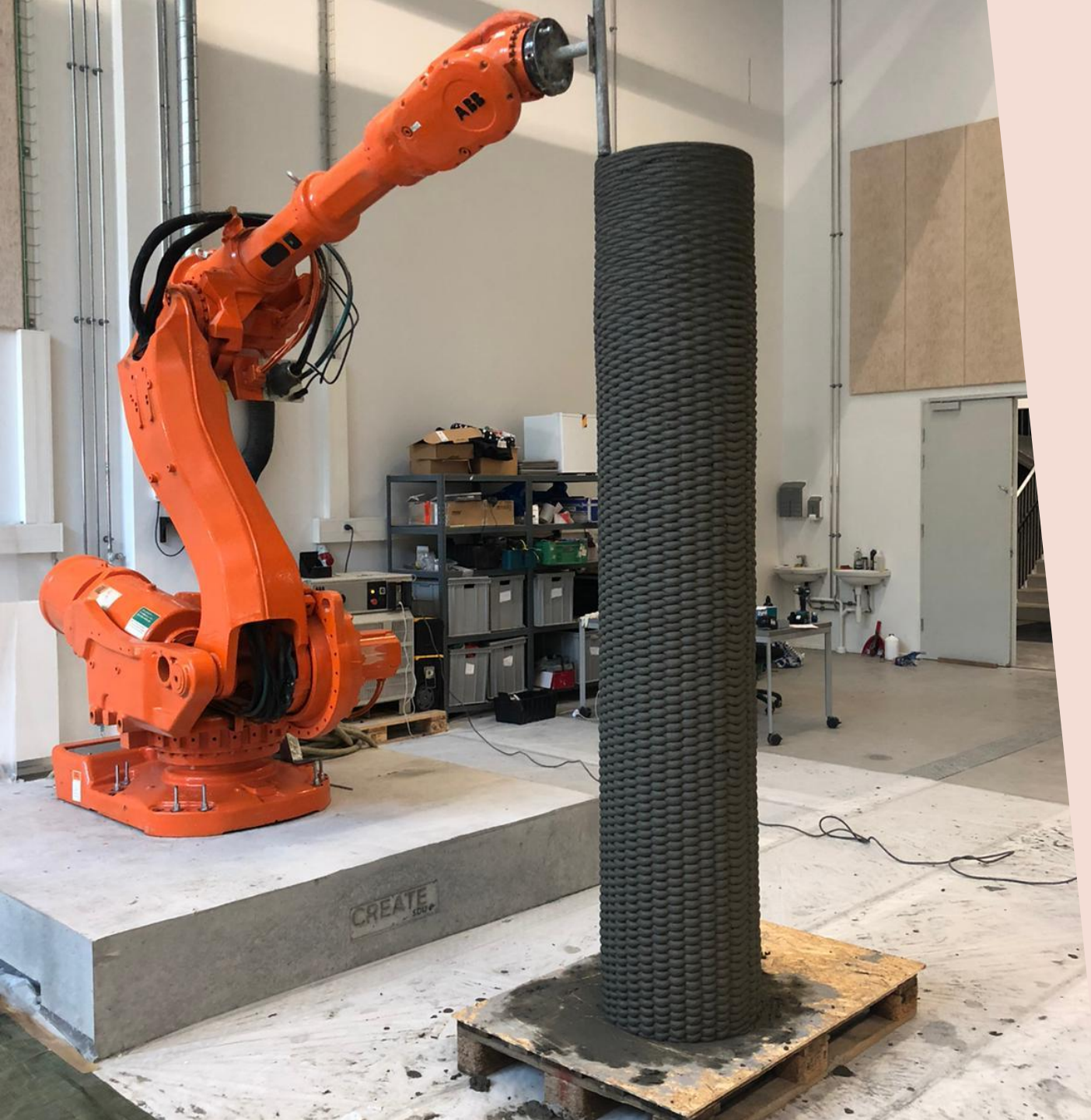# CAN OUR SOLUTION MAKE A BIG IMPACT?

1k to 1.5k factories

20 to 30 robots per factory

Save 100M tons of CO_2 per year

"LET'S COLLABORATE TO 3D PRINT A BETTER FUTURE"

contact@hyperionrobotics.com
www.hyperionrobotics.com
Espoo, Finland

hyperion ™
robotics