

RoBétArmé

collaborative construction mobile manipulators

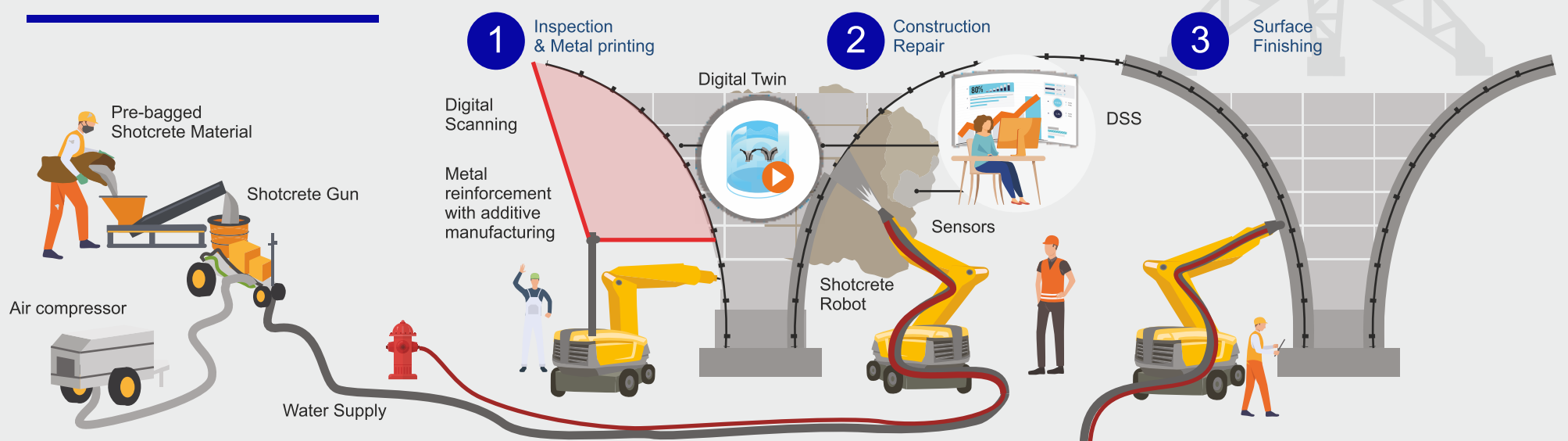


RoBétArmé will develop collaborative construction mobile manipulators

The RoBétArmé Vision

I
Inspection
Reconnaissance
manipulator (IRR) to
address fast, high
precision modelling and
rebar reinforcement
through metal additive
manufacturing in the
preparatory phase;

II
Shotcrete and
Finishing mobile
manipulator (SFR)
to address
autonomous
shotcrete
application and
surface finishing
during the
construction and
finishing phase,
respectively.



RoBétArmé aims toward a step-change in **Construction 4.0** by automating particularly laborious construction tasks in all phases of shotcrete application.

Project Facts

Consortium: 19 partners from 12 European countries

Program: HORIZON EUROPE

Start: June 2022

Grant Agreement: Nº 101058731

Duration: 42 months

Project Coordinator:

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