

RoBétArmé

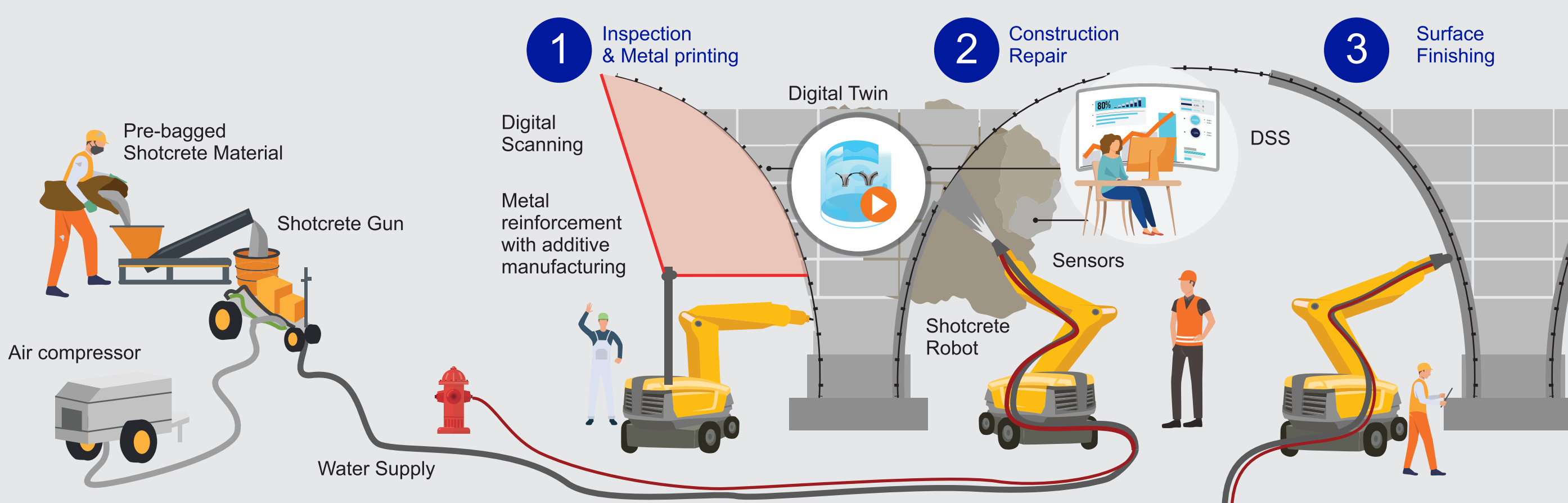
collaborative construction mobile manipulators

RoBétArmé will develop collaborative construction mobile manipulators

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.

The RoBétArmé Vision



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
Start: June 2022
Gant Agreement: Nº 101058731
Duration: 42 months

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