

Sessione pitch: spazio alle idee



one team

Expertise offer >

Ing. Davide Madeddu

One Team S.p.A.



**Horizon Europe e il
bando orizzontale
Clean Industrial Deal**

11 DICEMBRE 2025



One Team SpA

- Medium Enterprise (100+ employees, 50ML revenue, 25yr, 7 Horizon Proj.)
HQ in Milan (Italy) + Madrid (Spain)
- Contact Details
Ing. Davide Madeddu – R&I Project Manager
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www.oneteam.it/en
- Digital Twins, Knowledge Graph development
- Digital Twin, BIM, GIS, Linked Data, EDM\PDM, Mixed Reality

EXPERTISE AREAS

- **Software development**
 - System integrator for Design, Engineering, Construction, Management tools and applications in AEC and MFG industry
- **Platform and tool development**
 - Common Data Environment
 - Digital Twins
 - Digital Building Logbook
 - Building Renovation Passport
 - Mixed Reality AR\VR
- **Technology**
 - Commercial and open-source
 - Linked Data and Ontologies
- **Modelling**
 - BIM Design
 - BIM Construction&Field
 - Scan2BIM
 - GIS Design & Analysis
- **Management, Training and Consulting**
 - BIM
 - GIS
 - MFG
- **Exploitation and Dissemination**
 - Actively participation in Italian BIM Standards and Mandate with UNI (Italian Standard Body)
 - ASSOBIM co-founder (Italian association to promote BIM and technology research)

EU-FUNDED HORIZON R&I PROJECTS



Co-funded by
the European Union



BIM based fast toolkit for efficient renovation of residential buildings

BIM Management System with open source CDE based on ibrid SQL \ Graph databases and Linked Data

Project budget: 7M €

Duration: Jan 2019 – Jun 2022

bim4eeb-project.eu



Industrialised durable building envelope retrofitting by all-in-one Interconnected technology solutions

BIM-P Platform: open source CDE with advanced functionalities to manage IFC models

Project budget : 10M€

Duration: Nov 2020 – Apr 2026

infinitebuildingrenovation.eu



Eco-innovative Energy Factory Management System based on enhanced LCA and LCCA towards resource efficient manufacturing

APS-based Digital Twin Platform as Energy & Resource Management System

Project budget : 12M€

Duration: Oct 2020 – Sept 2025

ecofact-project.eu



BuildON

Affordable and digital solutions to build the next generation of smart EU buildings

Digital Building Logbook and Digital Twin platforms

Project budget : 7M€

Duration: May 2023 – Oct 2026

buildon-project.eu



Crete Renewable Energy Valley

AR applications for citizens' involvement in REV planning

Project budget : 25M€

Duration: Dec 2023 – Nov 2028

cretevalley.eu



Urban adaptation and alert solutions for a timely (re)action

Building Renovation Passport platform

Project budget : 5M€

Duration: May 2024 – May 2028

retime-project.eu

INTEGRATES

INTEGRATES

Digital Twins and Knowledge Graph implementation

Project budget : 4M€

Duration: Nov 2025 – Oct 2029

Challenges and objectives

- We are looking for partners to create a consortium with a coordinator.
- We offer our expertise in software development and system integrator (Autodesk, ESRI, Unity partner)

Main activities

- Development and Platform Integration
- Digital Twin implementation
- Knowledge Graph implementation to link circularity, LCA, and resource efficiency of production processes (materials, energy, water)

Expertise and resources offered

- R&I Network from ongoing and completed Horizon projects:
 - Academy
 - Research Institutes
 - SMEs
 - Demonstrators

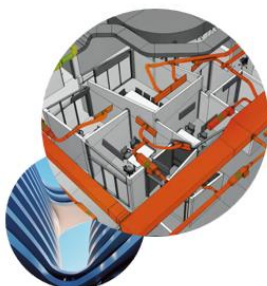
European One Team R&I Network

The One Team's research and innovation collaboration network has over 130 partners in 15 European countries



Expertise and resources offered

**EU PROJECTS RECENTLY FEATURED
IN AUTODESK UNIVERSITY 2024**

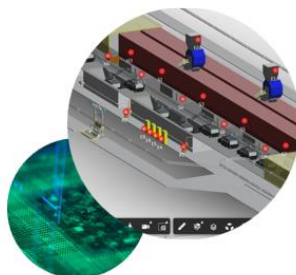


FINALIST
**BIM&DIGITAL
AWARD 24**
SPEAKER
AU 2024
THE DESIGN & MAKE CONFERENCE

**Digital Building Logbook: How the
AEC Data Model Is Revolutionizing
Digital Tracking of Building
Information in the EU**



<https://www.autodesk.com/autodesk-university/class/Digital-Building-Logbook-How-the-AEC-Data-Model-Is-Revolutionizing-Digital-Tracking-of-Building-Information-in-the-EU-2024#video>



SPEAKER
AU 2024
THE DESIGN & MAKE CONFERENCE
**AUTODESK
UNIVERSITY**

**ECOFACT Digital Twin Platform: An
Energy and Resource
Management System for Factories**



<https://www.autodesk.com/autodesk-university/class/ECOFACT-Digital-Twin-Platform-An-Energy-and-Resource-Management-System-for-Factories-2024#video>

Expertise requested

- **List profiles, and competencies, for desired partners,**
 - Large companies for Demonstrators
 - Academy or Research Institute for LCA, Circularity, Energy simulation

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