PARTNERS CORNER

Name and position

Marianna Corinaldesi, full stack developer.

Role and functions in the project

Develop DM Tool application.

What is the next milestone you are working on?

Release a new DM Tool version before the integration period.

In your opinion, what is the differential value of this project?

The differential value of this project is that multiple companies cooperate to develop and integrate unique technologies into a comprehensive ecosystem to digitalize the inspection workflow:

- Specialized robotic system for performing visual, X-Ray, and Pulsed Eddy Current (PEC) inspections.
- Advanced VR applications to:
  - assist pilots in drone operation.
  - support inspectors, allowing them to view collected data in the physical environment.
- 3D data visualization through contextualization on the asset's 3D digital twin.
- Specialized AI model to support data analysis.

What would you highlight?

I would highlight the collaborative effort and technological integration that make this project unique.

The collaboration with our partners is crucial, leading to the realization of a project that wouldn't have been possible otherwise. Not only is the consortium developing unique and innovative individual technologies, but it is also the integration of these technologies into a singular, cohesive product that truly sets this project apart. This integrated approach enhances the whole inspection workflow, providing unprecedented capabilities and efficiencies.