



General information

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Targetted topics:

HORIZON-CL4-2024-HUMAN-03-02 : Explainable and Robust AI (AI Data and Robotics Partnership)

Non Destructive Testing assisted by Explainable AI – Case study: Phased Array Ultrasonic Testing

1. Describe your project idea /TOPIC ID: HORIZON-CL4-2024-HUMAN-03-02 : Explainable and Robust AI (AI Data and Robotics Partnership)

- a. Develop Explainable AI models to detect metallic defects in industrial equipment examined through Phased Array Ultrasonic Testing technique
- b. Ensure robustness of the AI models through hybrid approaches including NDT expertise and knowledge

2. Complementary skills you need in your consortium/project

- a. Ultrasonic Testing Data provision
- b. Ultrasonic Testing Data analysis