













Green Zone, D10

Organised by: Ministry of Economy/AZE

Session Type: Panel Discussions

## **Session Title**

Panel on "AI Powered Design Maintenance: Reducing Environmental Impact"

## **Session Description**

Artificial Intelligence (AI) is reshaping the industrial landscape by offering innovative solutions to environmental challenges. One such application is predictive maintenance, where AI-powered tools can anticipate equipment failures, reducing downtime, optimizing resource, and minimizing environmental impact. By applying predictive algorithms and real-time monitoring, industries can achieve greater efficiency while lowering their carbon foot print. This panel session will explore how AI-driven predictive maintenance is contributing to a greener economy. Experts will discuss the impact of AI in reducing energy consumption, waste, and emissions in industries such as manufacturing, transportation, and energy production. The panel will highlight successful case studies, explore the role of policy in scaling these innovations, and examine the potential of AI to drive sustainable development across sectors.

## **Proposed Speakers and Moderator**

- Salma Abbasi (Moderator)
- Wade Bitaraf
- Orkhan Guliyev
- Sam Ramadori
- Peter BenHur Nyuke