

European Defence Challenge VI edition



**VI EDITION
2025-2026**

Defence Talent Academy: An Intelligent Educational Ecosystem Integrating STEM, Real Defence Challenges and Workforce Planning for Europe



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www.europeandefencechallenge.eu

The European Defence Challenge was established under the ASSETS+ project (2020-2023)

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The Core Crisis: The Human Capital Bottleneck

1. The STEM Drain

Europe is losing its brightest engineering minds to Big Tech due to a rigid defense sector image.

2. The Classified Barrier

Strictly confidential military data creates a "glass ceiling", completely isolating civilian students from real-world research.

3. The Reactive Trap

Fragmented, regional, and reactive hiring structures leading to critical, long-term skill shortages across the EDTIB.



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The SDTA Ecosystem: 3 Pillars, 1 Loop



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Strategic Impact & Roadmap



Socio-Economic & Green Value

SDTA slashes industry recruitment costs. Moving heavy hardware maneuvers into data center simulations represents a giant leap for **Green Defence**.



Ethics & Regulatory Compliance

"Ethics by Design" core architecture guarantees full transparency and zero algorithmic bias, in absolute compliance with the **EU AI Act** and **GDPR**.



Deployment Timeline

1

Phase I: Local Pilot (M1-12)

MVP launch at Rzeszow University & Aviation Valley.

2

Phase II: European Corridor (M13-24)

Academic & industry (Airbus, Leonardo) expansion.

3

Phase III: EDA Integration (M25+)

Strategic workforce forecasting at continental scale.

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Thank you for your attention!

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