AI-on-Demand Platform

Empowering European AI Research and Industry

Webinar #2 – AIoD Technical Components & Business Concept

AIoD OC1 – Private Sector

13th May 2026

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Welcome & Housekeeping

- Recording notice: This session is being recorded for dissemination purposes
- Public access: The recording and presentation slides will be shared with the participants, and the recording will be made publicly available on the YouTube channel
- Q&A: Use the chat for questions; we will address them during the dedicated Q&A session at the end

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Agenda for today

SLOT	DURATION	TITLE	SPEAKER
11:00 – 11:10	10 mins	Welcome & Recap of OC1	Joana Martinheira and Ana Barbosa Melo (F6S)
11:10 – 11:20	10 mins	AIoD Business Plan	Heli Harrikari (DIMECC)
11:20 – 11:45	25 mins	Technical Overview & AIoD OC1 Components	Sergio Mellinas (Convotis) Spiros Mouzakitis (ICCS) AIoD OC1 Components Owners
11:45 – 12:00	15 mins	Live Q&A	Ana Barbosa Melo (F6S)

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Europe's Central Hub for Trustworthy AI.

AIoD is a production-grade platform and Europe's central hub for connecting industry, research, policymakers and EU initiative. The only trustworthy entry point for everyone into Europe's blooming AI ecosystem.

The One-Stop-Shop for European Artificial Intelligence

DevOps Tools

Built-in tools for developing, testing, and running AI solutions directly on the platform, with pre-configured pipelines, scalable infrastructure, and real-time monitoring.

Marketplace

A curated catalogue of trusted European AI products and services, with e-commerce capabilities, pricing models, and billing integration built in.

Business Navigator

A tool that connects businesses with the right AI solutions, technology partners, funding opportunities, and use cases across EU member states.

AI For Europe.

Open Call 1 Recap

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We are looking for the best European AI Solutions ready to scale through AIoD!

Strong AI Products

Mature & deployable (TRL 7+)
Containerized & interoperable
Technically differentiated

Real Business Value

Clear market need
Sustainable business model
EU27 market readiness

AIoD Platform Fit

Reinforces AIoD ecosystem
Integrates with existing components
Brings users & traction

Team & Growth Potential

Proven execution capability
Ambitious long-term vision
Scalability across sectors/markets

Check the Guide for Applicants for details about Selection Criteria (section 4)

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General offering:

- Financial support (up to €60,000)
- Integration in a European AI infrastructure
- Market access & customer acquisition
- Mentoring & strategic guidance
- Visibility & credibility boost
- Real deployment & use case validation
- Early influence on platform development

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Who can apply:

1. **Single Entities – Startups, SMEs or research organisations (RTOs or academia)**

2. **Geography – Officially registered in:**
   - European Union Member States, with a valid VAT and PIC number.
   - DIGITAL Europe associated countries

3. **Other eligibility conditions:**
   - Registration in AIoD+Business Navigator completed - Mandatory
   - Admin: English language, accepting terms of GfA, etc

Check the Guide for Applicants for all eligibility details

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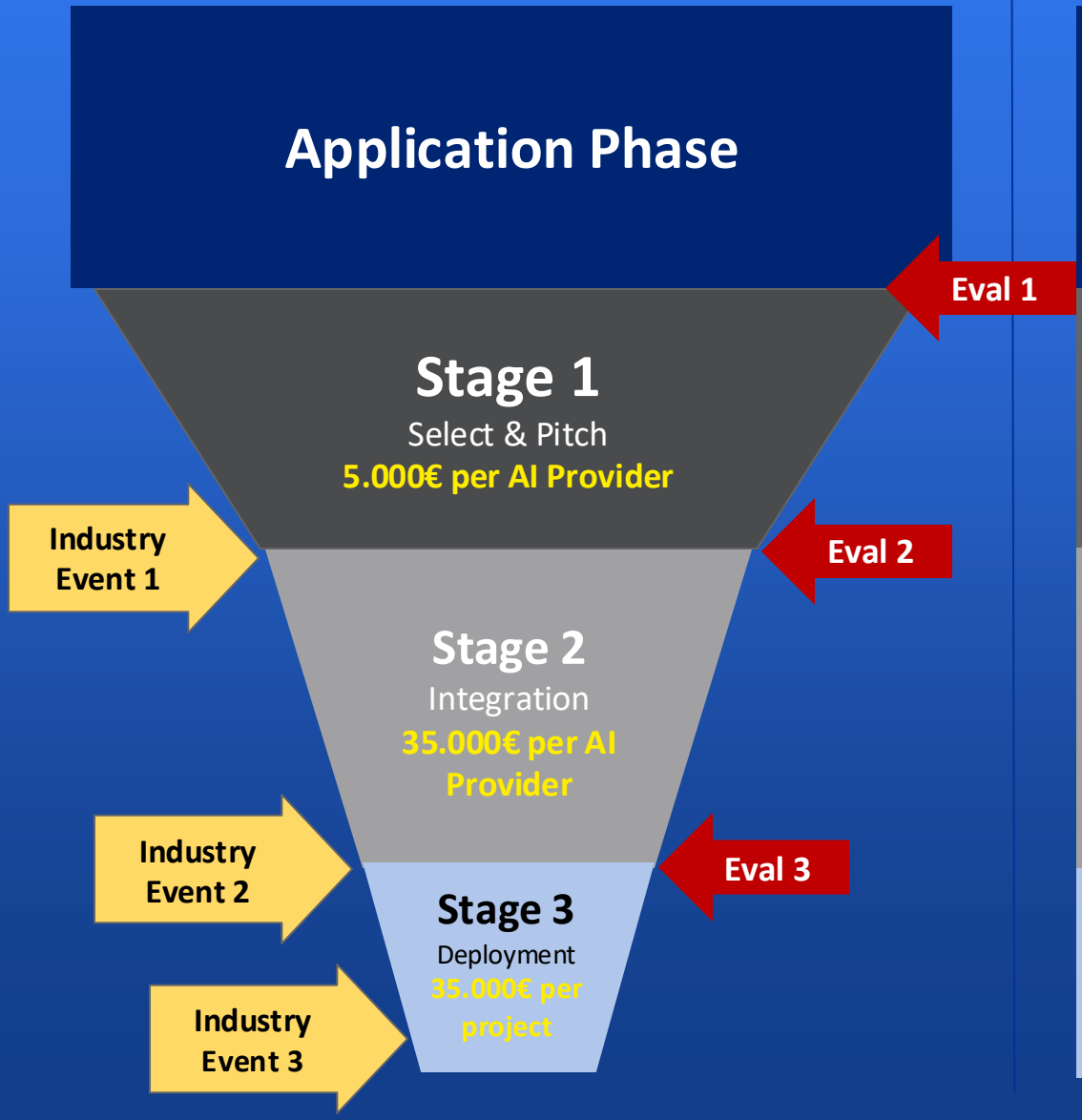
AIoD OC1 Main Outcomes:



- **Up to** 50 TRL7+ AIODP relevant AI Providers selected

- **5.000€ / AI Provider**
- Up to 50 AI Providers
- **1 Month | Sep 2026:** 2 Webinars, Feedback about AIoD, Finetune Proposal, Industry Event 1

- **35.000€ / AI Provider**
- Up to 20 AI Providers engaged
- 3 Months **| Oct-Dec 2026**: Onboarding AIoD, Integration with AIoD OC1 Component, Beta-testing, Proposal for Stage 3, Industry Event 2

- **35.000€ / Project (AI Provider 20k + AI Adopter 15k)**
- Up to 10 Projects
- 3 Months **| Fev-Apr 2027:** Deployment of solution in AI Adopter, Beta-testing, Industry Event 3

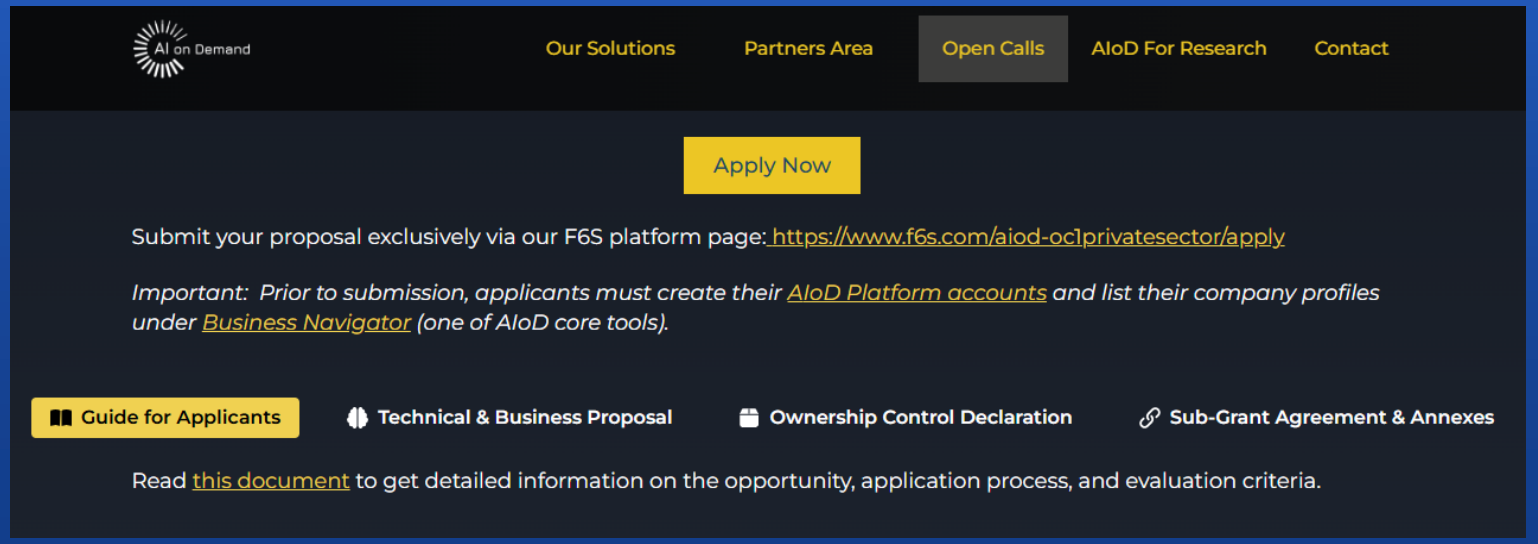
Important documents for Application Phase:

For Application Phase

- **Guide for Applicants**
- **Technical & Business Proposal**
- **Ownership Control Declaration**

For Contracting Phase (if selected)

- **Sub-Grant Agreement**
- **SME Declaration (if SME)**
- **Declaration of Honour**
- **Bank Information**



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AIoD Business Plan

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AI on Demand
Knowledge and services for the AI community

Open. Sovereign. Scalable. Enterprise-ready.

Open Call 1: Building the Business Case

Heli Harrikari, DIMECC Ltd

Open Call Webinar – May 13th 2026

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AIoD: What You Are Building On

AIoD = one-stop shop for AI (Marketplace + Ecosystem + Support)

Core value: Connecting supply with real demand

Your solution should strengthen this value, not just to be listed.

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Your Role in the Market

AIoD is a multi-sided platform

- Providers
- Adopters (customers)
- Ecosystem actors

It only works if users actively engage

What we expect

- Clear target users/customers
- Concrete plan to bring them onto AIoD

You don’t just join the platform, you activate it

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Growth, Integration & Contribution

AIoD is part of your business model, not just infrastructure

Your Growth = AIoD Growth

Why AIoD matters to you

- Faster deployment
- Lower costs
- Easier scaling

What we expect

- Show how AIoD helps you sell, deploy, and scale
- Show how you generate traction, bring users & use cases, contribute to ecosystem growth

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What Your Business Concept Should Answer

Why does AIoD need my solution (what gap you fill in)?

How does my solution bring users to AIoD (concrete users, not assumptions)?

How does AIoD make my business stronger (clear business benefits, not technical only)?

Why do I help AIoD grow (users, transactions, ecosystem impact)?

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What Good Applications Look Like

Strong proposals demonstrate

- Clear customer demand
- Realistic go-to-market thinking
- Concrete integration with AIoD
- Measurable impact on platform growth

“We bring X customers and generate Y usage via AIoD”

Weak proposals

- “We list our solution”
- ”We test technology”
- “We might get users”

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Key Takeaway

This is a business pilot, not a tech demo

We are looking for real use cases, real users, and real growth

Success = your business grows AND AIoD grows

Design your proposal as a business case – not a project plan

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AIoD Technical Overview

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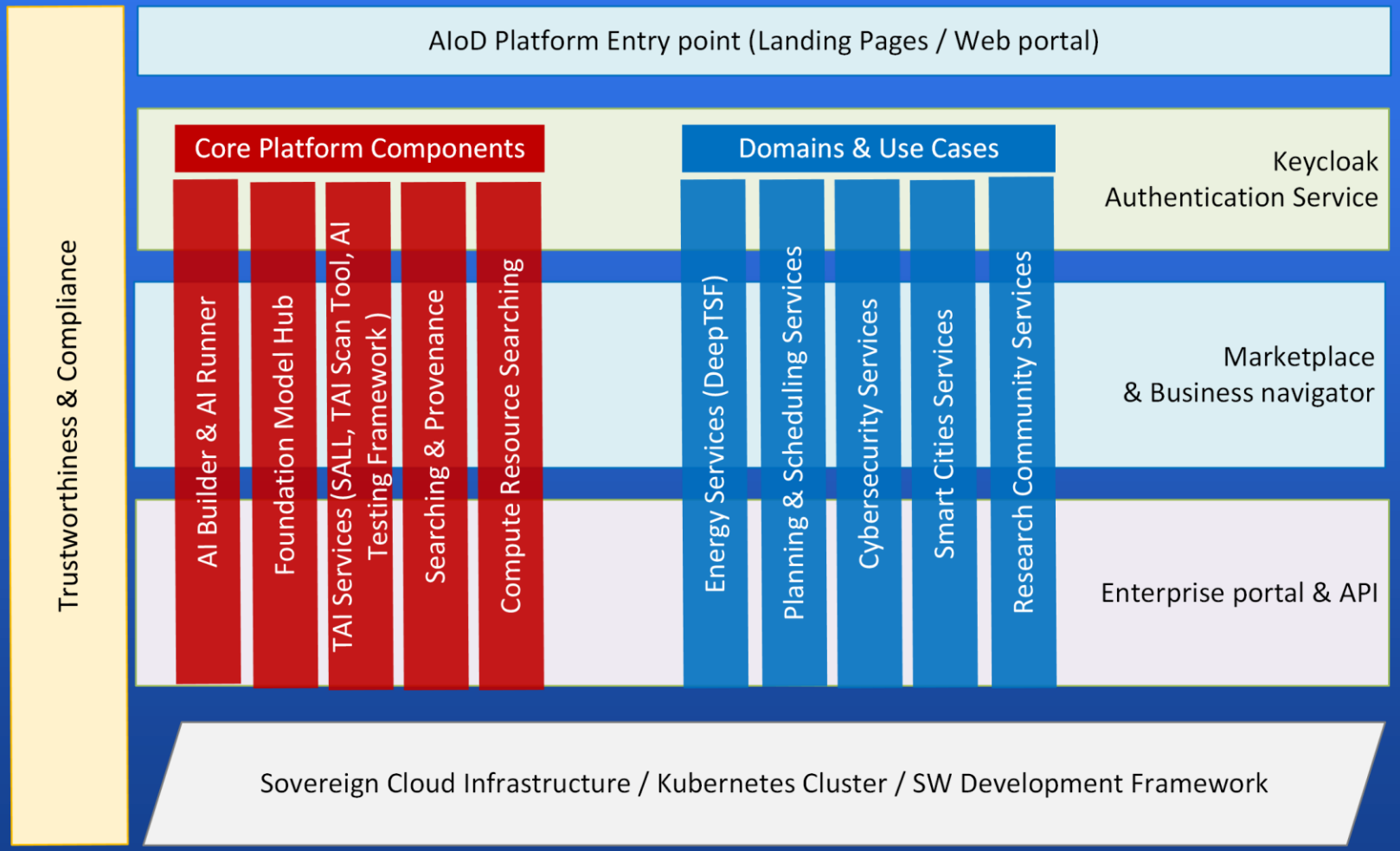
Platform High level architecture



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AIoD OC1 Components - Examples

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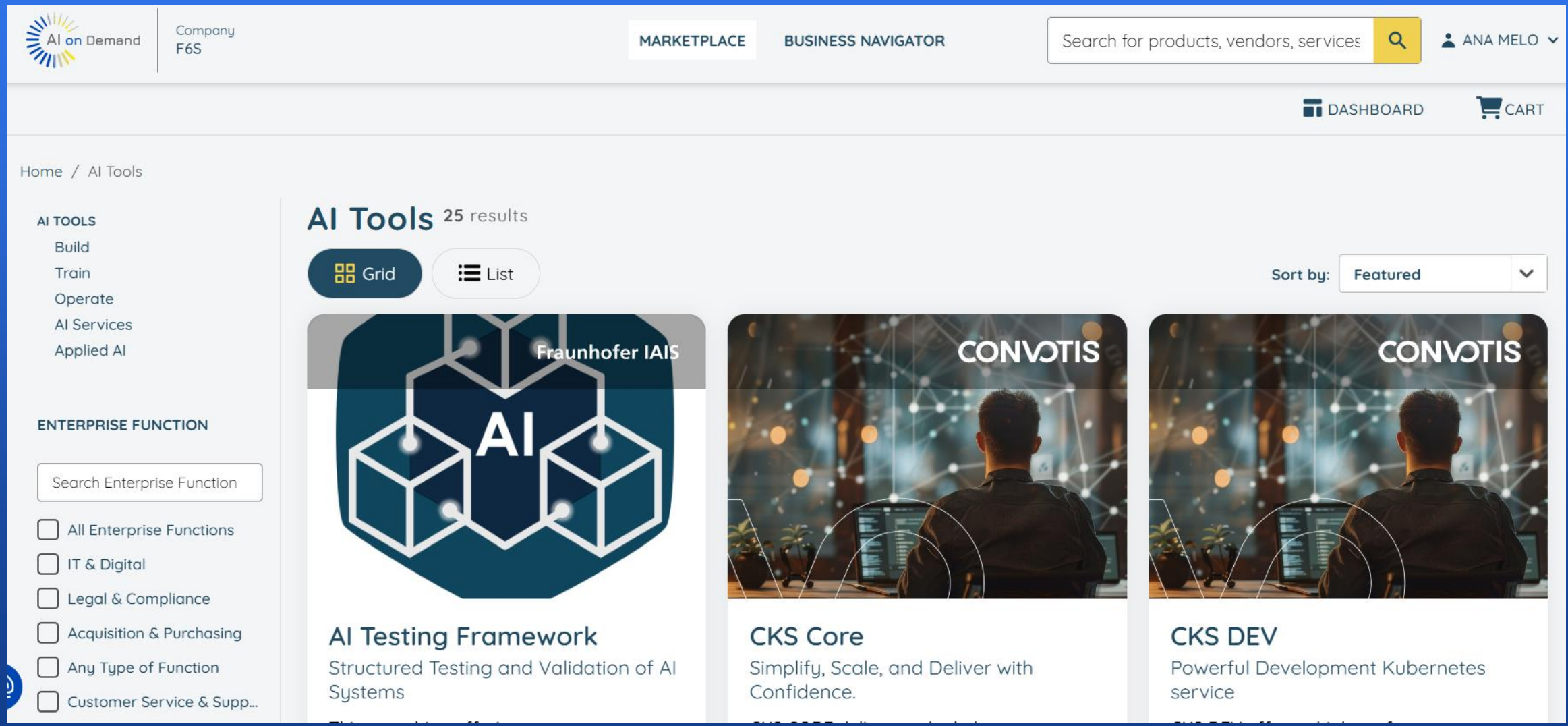
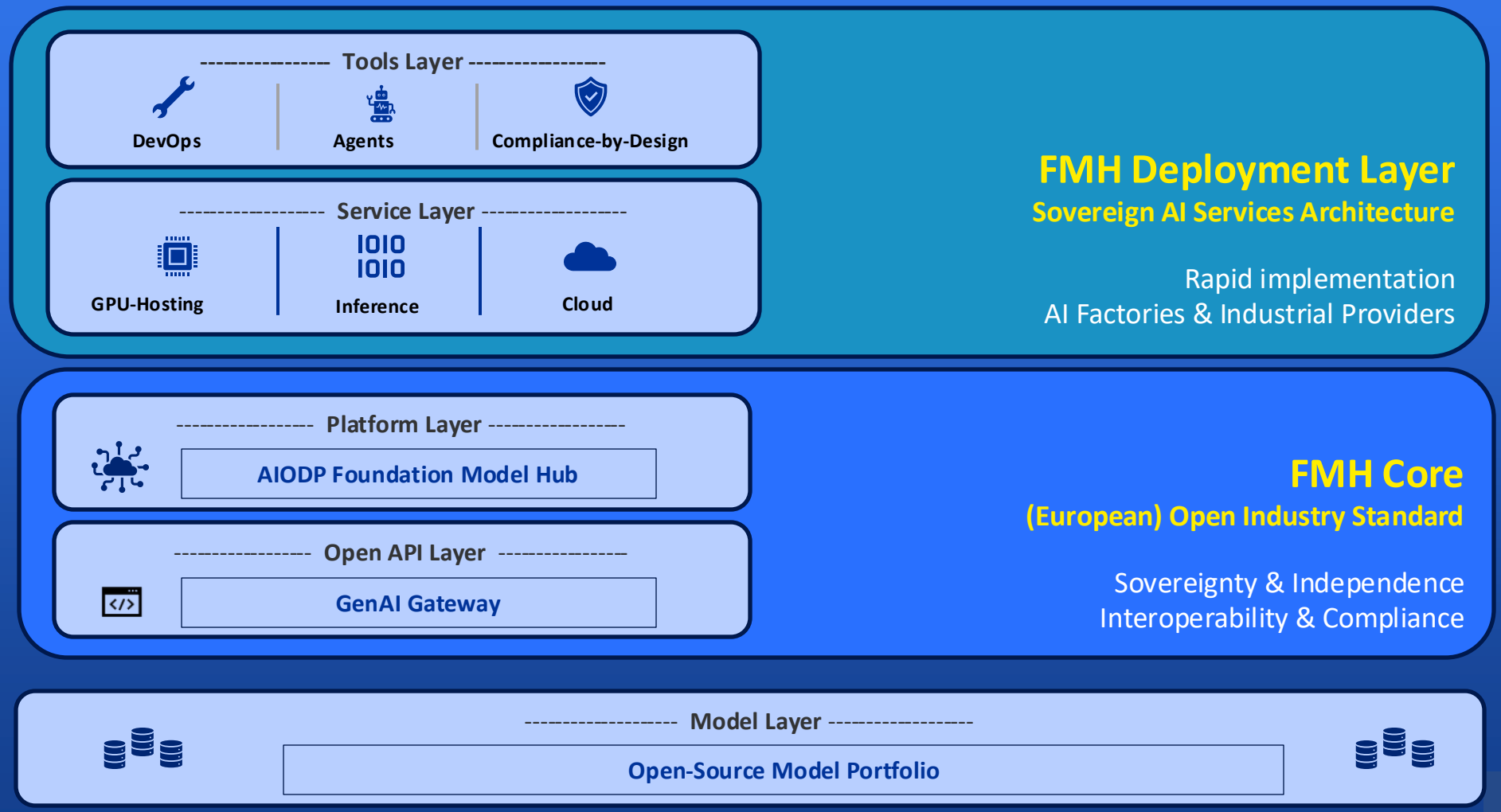
Information about all tools available in MarketPlace:



AIoDP open & sovereign service architecture



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AIoDP open & sovereign service architecture

FMH Deployment Layer

Sovereign AI Services Architecture

Rapid implementation
AI Factories & Industrial Providers

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AI-Builder-Suite (Fraunhofer)

Component	Key Features
AI-Builder-Suite (by Fraunhofer) https://ai-builder.aiodp.ai	Design-Deploy-Execute-Monitor: The AI-Builder-Suite covers the whole AI-Lifecycle. Visually create AI-Workflows from re-usable building blocks with AI-Builder. It has a catalog of AI-Modules and a low code design-studio for workflows. Then deploy with one click to the AI-Runner for execution, use GPUs and collect metrics. Ai-Builder fully leverages AI power that is needed to combine LLM with other AI technologies: • Planning, Logic, Knowledge Graphs, Filter, • Image Object Detection, OCR, Audio • Constant Learning, Feedback loops • Cognitive Architectures require directed cyclic graphs and recursive data structures • Granularity: A pipeline node is a model or agent (not layers of neural networks)

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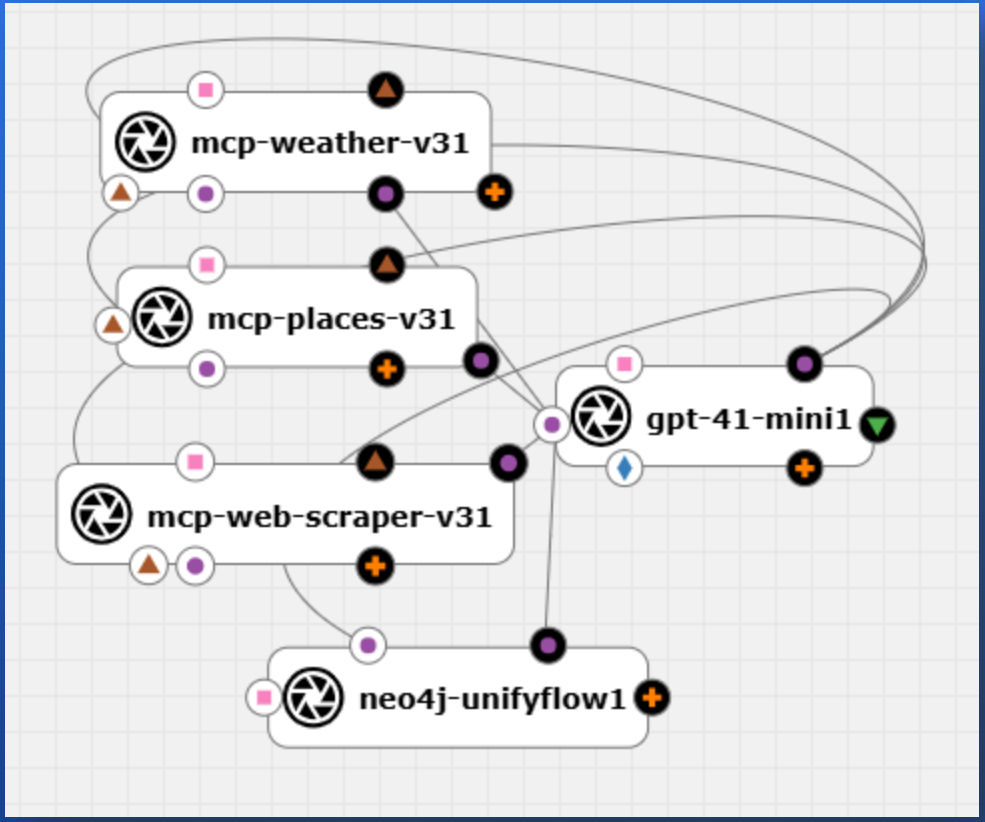
AI-Builder-Suite (Fraunhofer)

Example Agentic Pipeline

- Combines LLM, MCP-Agents and Long-Term-Memory
- Nodes are Docker containers
- Execution in Kubernetes



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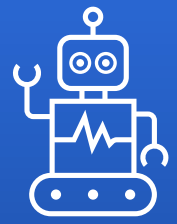
AI Testing Framework

From AI Quality Requirements to Executable Test Workflows

We offer a technical consulting service to help organizations design structured, reproducible AI testing workflows for their own AI systems.



Your AI System

Use case

Risks

Requirements

Available data

Model outputs

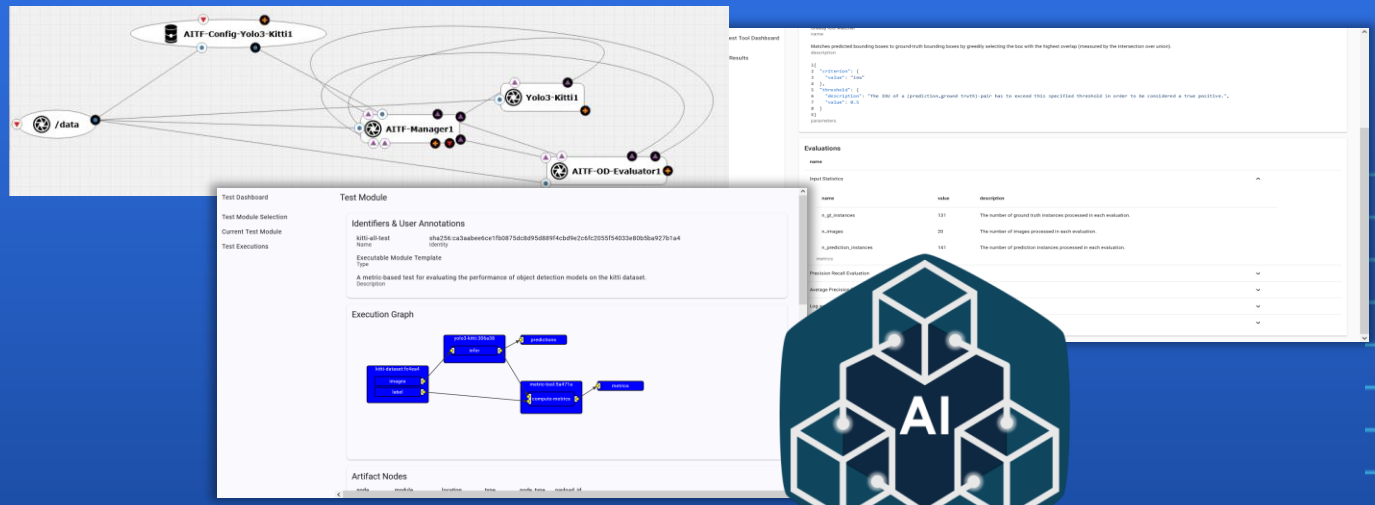
Identify what to test

Analyze system and use case

Derive test dimensions

Define concrete criteria

Using Fraunhofer AI Assessment catalog



Implement how to test

Design modular test workflows

Leverage workflow patterns and components

Deploy via AI Builder suite

Execute and collect metrics

Aggregate traceable results

Testing Framework

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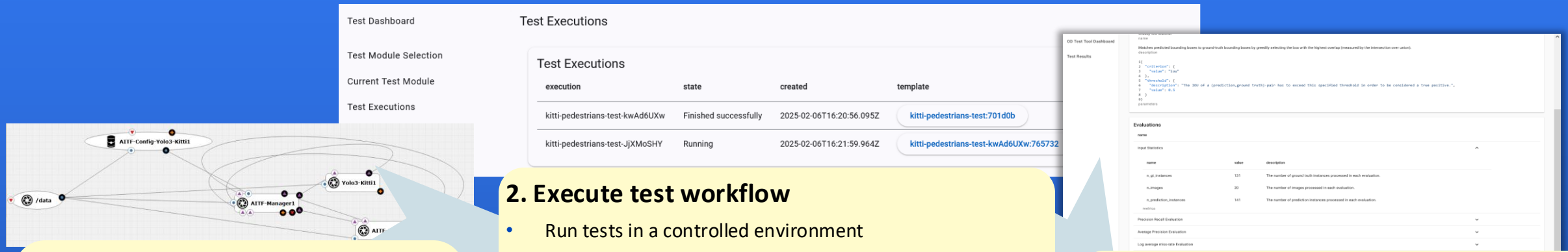
Try our AI Testing Workflow Demos on AIoDP

Two demos built on a shared workflow structure using the AI Builder Suite



1. Define test setup

- Select data, model outputs, metrics, and configuration
- Use reusable workflow components
- Prepare a structured evaluation run

2. Execute test workflow

- Run tests in a controlled environment
- Monitor execution and inspect logs
- Ensure **reproducible and traceable execution**

3. Analyze results

- Review **key metrics and outputs**
- Compare test results across configurations
- Keep results linked to the test setup

Demo 1

Object Detection Benchmark

Evaluate object detection systems
Precision, Recall, and mAP
Compare results across models and configurations

Demo 2

CoverRAGBench

Evaluate **Retrieval-Augmented Generation** systems
Coverage analysis for RAG test sets
LLM-judge metrics, e.g. faithfulness

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SALL TAI Self Assessment Tool (Arcada)

Component	Key Features
SALL TAI Self Assessment Tool (Arcada)	• An LLM agent-based tool for structured Trustworthy AI (TAI) self-assessment. • SALL guides AI developers through evaluation using specialized agent personas (Technical, Domain, Legal, Ethical) to analyze systems against EU AI HLEG and AI Act requirements. • Features human-in-the-loop oversight, Claims-Arguments-Evidence framework, and generates detailed assessment reports identifying TAI issues and tensions.

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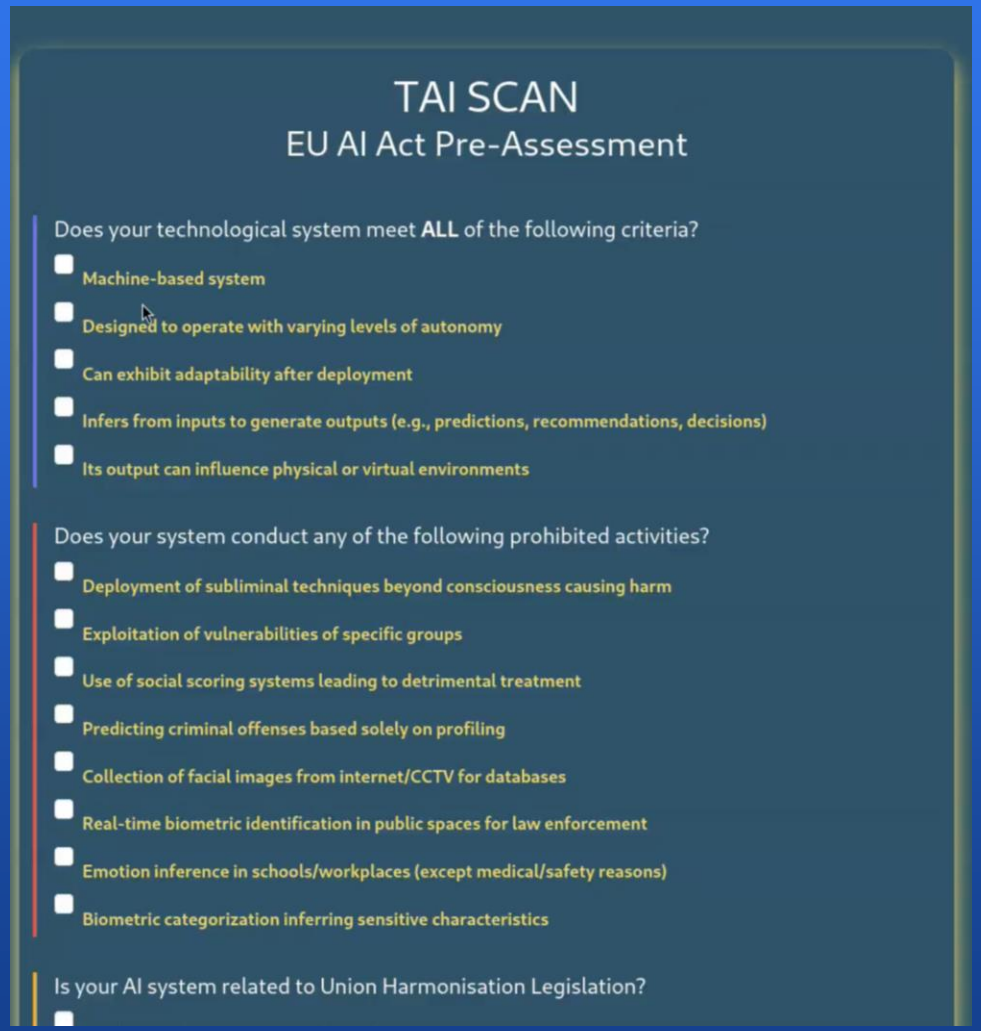
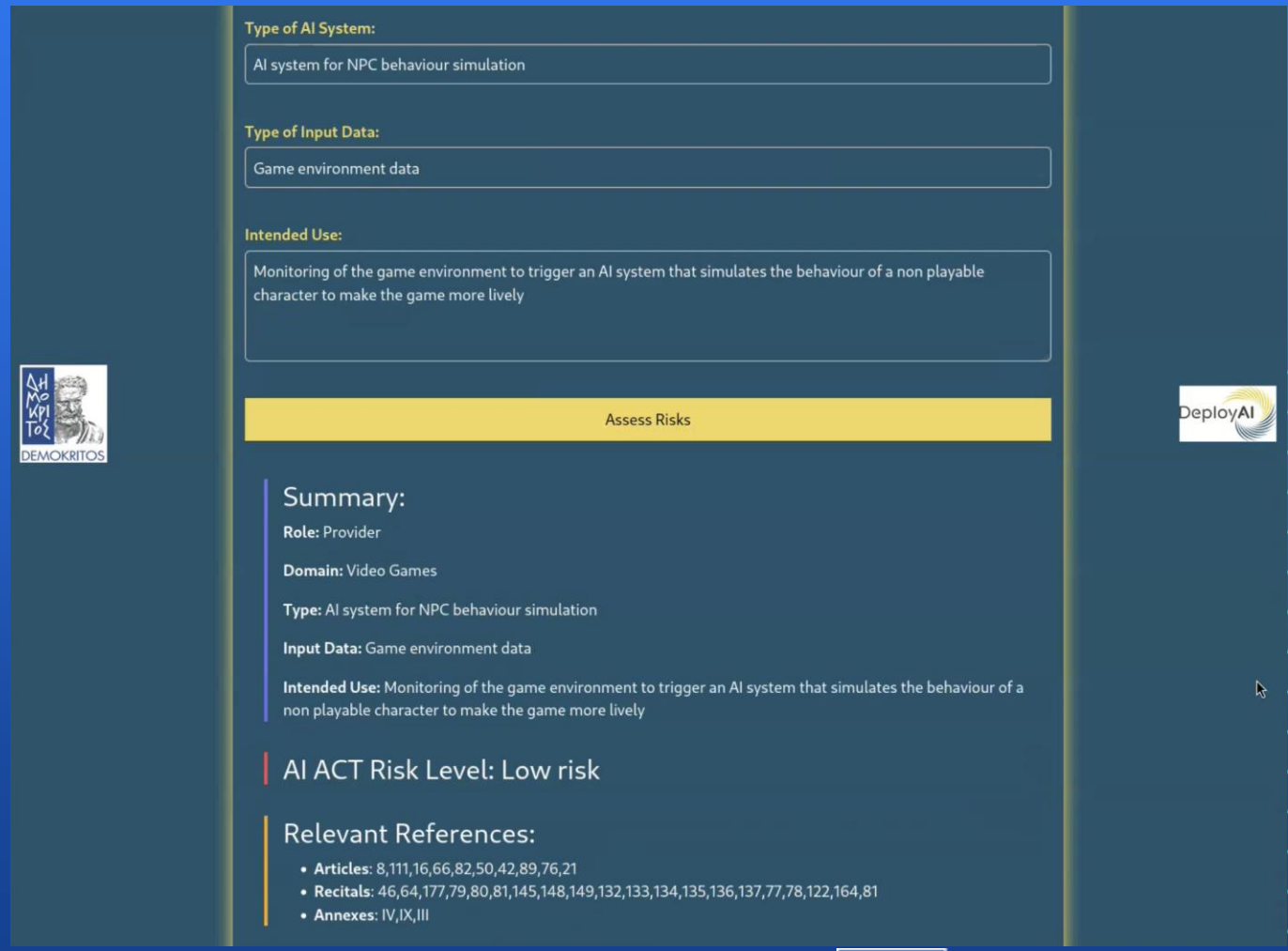
TAI Scan Tool (Demokritos)





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TAI Scan Tool (Demokritos)

RAG-Based Self-Assessment for EU AI Act Compliance

Benefits for AI Products

1. Rapid Rule-based Screening
2. AI-based Automated Assessment
3. Early Gap Detection
4. Streamlined Workflow
5. Actionable Output

Technical Constraints

1. Front-end screening
2. REST API for AI-based assessment
3. Native alignment with AIoDP
4. Inference based on FHG's GenAI

Technical Constraints

1. Embedding model: snowflake-arctic-embed-l-v2.0
2. LLM: Mistral-Small-3.2-24B-Instruct-2506
3. Retrieval Engine: Spotify's Annoy
4. Knowledge base: EU AI Act articles, recitals and Annexes

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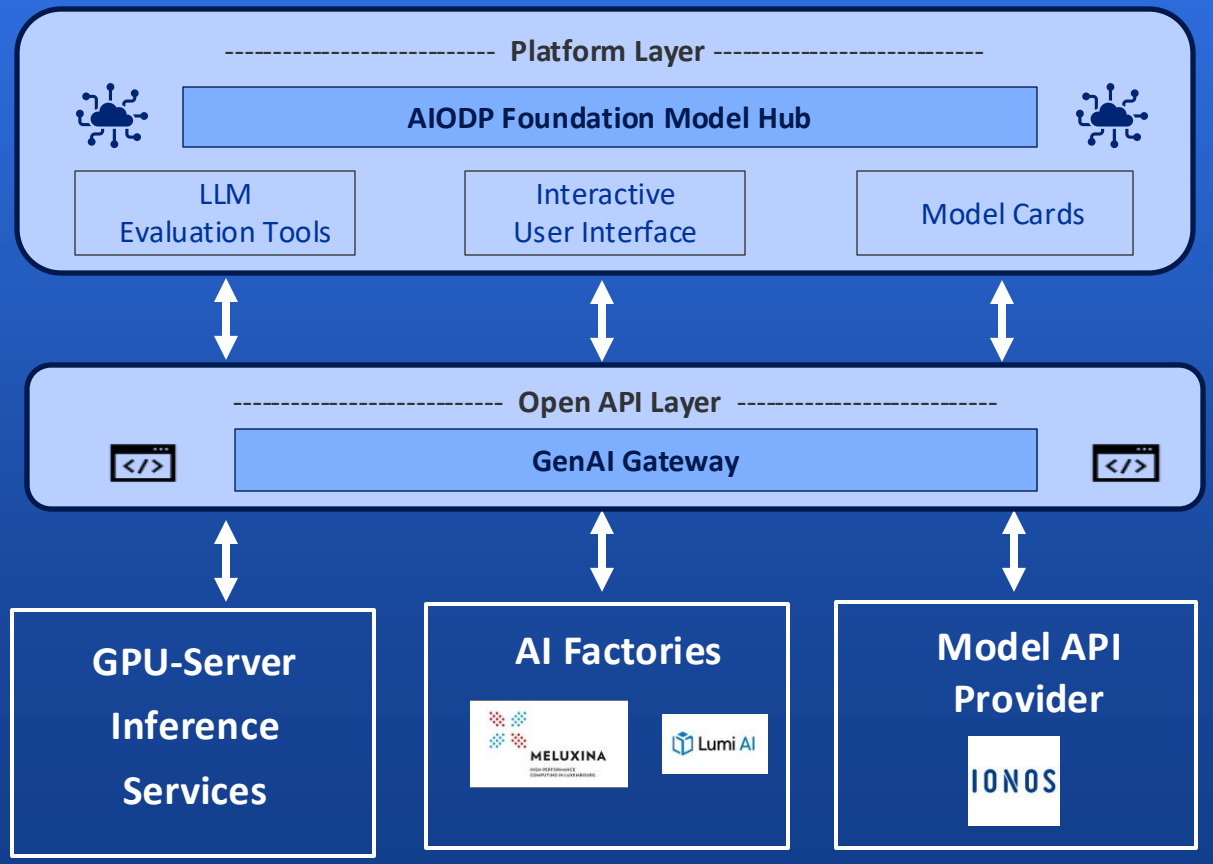
European Model Hub

Central Platform for Generative AI Models



- provides **uniform inference service** for hosted generative AI models (distributed over multiple GPU back-ends or APIs, hosted permanently or on-demand).
- **OpenAI compatible API.**
- **Supports** large language models, vision language models, encoder/embeddings models, tool calling, output formatting, Responses API (soon).

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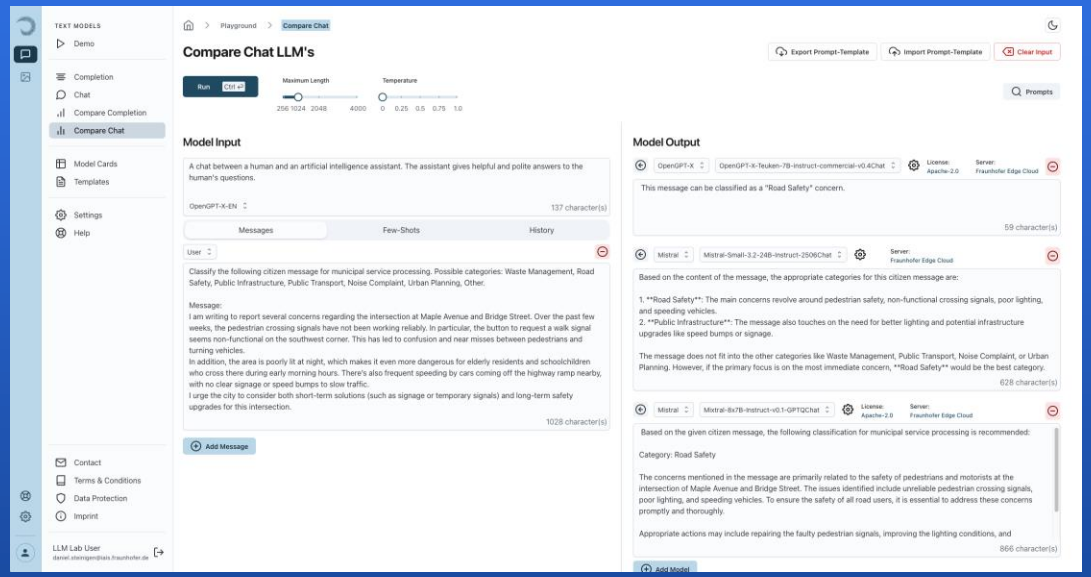
LLM-Lab - FMH Core: Model Hub User Interface



- Direct **comparison of different language models** (large language models), in terms of performance, accuracy and response quality to specific inputs or prompts
- **Prompt Engineering:** users can experiment with the formulation of prompts in order to optimize the performance and responses of selected models.
- **Seamless integration** of the developed and optimized prompts into the customer applications or projects (import and export of generated prompt templates)

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Available Models

Status as of April 2026

Fraunhofer Edge Cloud (FEC)

European models:

- Teuken 7B Instruct v0.6
- Teuken 7B Instruct Commercial v0.4
- Mistral-Small-3.2-24B-Instruct-2506
- Devstral-Small-2-24B-Instruct

Other models:

- gpt-oss-20b
- gpt-oss-120b
- DeepSeek-R1-Distill-Qwen-32B
- Qwen2.5-VL-32B-Instruct
- Qwen3.5-122B-A10B
- Qwen3.5-35B-A3B

IONOS

- Llama 3.1 8B Instruct, Mistral Nemo Instruct, Mistral Small 24B Instruct, gpt-oss-120b, Llama 3.3 70B Instruct, Llama 3.1 405B Instruct, …

cortecs.ai

- GPT 5, Claude 3, Claude 4, Gemini 2.5, Mistral 3 Large, Kimi K2, Deepseek, Qwen3 235B, Qwen3 Coder 480B, GLM 4.5, Gemma 3 …

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Use Case services

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DeepTSF (ICCS)

Codeless time series forecasting using AI

- Develop and deploy the most accurate time series forecasting model for your use case.
- Simple user experience for non-programmers
- Save time: Easily reproduce and evaluate a great variety of different forecasting models
- Reduce cost and complexity of model development

Features

- Codeless training and evaluation of state of the art algorithms, ML/DL models and hyperparameter setups.
- View and compare model results using metrics and interactive plots
- Trustworthy AI: Provide explanations on forecasting results
- Model inference API

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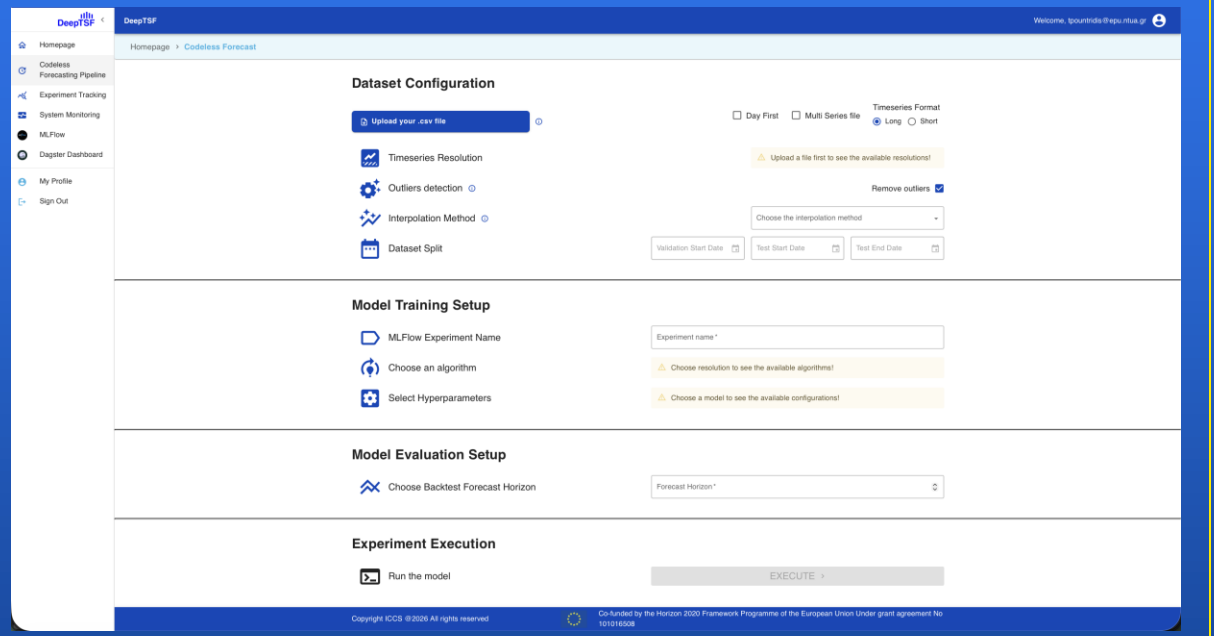
DeepTSF (ICCS)

Codeless time series forecasting using AI



How it works

- **One to one workshop with our AI experts**: Our energy and forecasting AI experts will help you capture your forecasting needs
- **Benchmarking**: Use DeepTSF, our no code platform to identify the best state-of-the-art forecasting algorithm for your problem
- **Start forecasting**: Deploy your model and utilise it for your forecasting needs

More info

Repository

Docs

Demo video

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Live Q&A

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Support and useful links:

- **Official contact**: aiod.opencalls@f6s.com
- **F6S Q&A Hub**: https://www.f6s.com/aiod-oc1privatesector/discuss
- **Documentation**: https://www.aiodp.ai/open_calls/
- **Apply now:** https://www.f6s.com/aiod-oc1privatesector/apply
- **Follow us:** LinkedIn and X @aiondemand

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AIoD Open Call

Apply now for up to €60,000 in EU funding

We are looking for market-ready AI solutions to be integrated into the AI-on-Demand Platform and deployed across Europe

Application period open
until 8 June 2026, 17.00 CEST
8-month programme starting Sept 2026

Apply now!

Thank you for your attention!

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