wonzsai
Industry by Imaginae

CONSORTIUM PITCH

Predictive AI for smart manufacturing

WonzsAi Industry is an operational intelligence layer for industrial data, designed to support pilots and demonstrators in Horizon Europe projects.

FOCUS	DEPLOYMENT	ROLE
Industrial AI	**Cloud or hybrid**	**Technology partner**

Positioning for Horizon Europe

• WonzsAi as the AI core · Imaginae as integration and delivery capacity



Illustrative product interface · data shown for demonstration purposes

WHY PARTNER WITH US

A focused AI and integration partner for industrial consortia.

We help transform industrial data into earlier operational decisions, without replacing existing enterprise or shopfloor systems.

Applied industrial AI

Predictive models, anomaly detection and actionable recommendations for operational teams.

Interoperability

Integration with ERP, MES, CMMS, PLCs, IoT sensors, APIs and historical data sources.

Pilot orientation

Demonstrators with bounded scope, measurable outcomes and realistic implementation paths.

Scalable approach

From one pilot use case to multi-line, multi-site or multi-module expansion.

CORE CAPABILITY AREAS

Where we contribute highest value within a consortium.

1 **Connect**

Industrial data ingestion and contextualisation.

2 **Detect**

Operational and asset anomaly detection.

3 **Predict**

Risk estimation for failures and deviations.

4 **Recommend**

Prioritised next actions for teams.

5 **Visualise**

Dashboards, APIs and project interfaces.

6 **Validate**

Pilot deployment and KPI measurement.

Best fit for advanced manufacturing, maintenance intelligence, operational efficiency and energy-related industrial use cases.

HIGH-LEVEL SOLUTION ARCHITECTURE

A consortium-safe overview that explains our role without exposing sensitive intellectual property.

01 Industrial sources

ERP, MES, CMMS, PLCs, sensors, energy systems and historical records.

02 Integration layer

APIs, SQL, files, gateways, data pipelines and contextual normalisation.

03 WonzsAi intelligence

Anomaly detection, predictive models, risk scoring and recommendations.

04 Project outputs

Dashboards, APIs, demonstrators, validation reports and measurable KPIs.

IP protection note

This version intentionally omits internal model logic, feature engineering, training workflows and proprietary implementation details. Those can be shared selectively under NDA or during project evaluation.

RELEVANT HORIZON EUROPE USE CASES

Application areas where our contribution can accelerate project outcomes.

Predictive maintenance

Earlier detection of failure risk and better intervention prioritisation.

Downtime · MTBF · response time

Process optimisation

Faster visibility of throughput, quality or reliability deviations.

Yield · stability · output

Energy intelligence

Consumption analysis in operational context and deviation tracking.

Consumption · anomalies · savings

Decision support

Actionable outputs for operators, plant managers and integrators.

Adoption · response quality

HOW WE CONTRIBUTE IN A CONSORTIUM

Clear role definition helps coordinators understand where we fit.

Where we fit

- Technology partner
- Integration partner
- Pilot software provider
- Applied AI contributor

What we deliver

- Interoperability and data integration
- Predictive logic and risk scoring
- Dashboards, APIs and interfaces
- Pilot implementation and KPI validation

What we need from partners

- Industrial use-case definition
- Access to data and test environments
- Operational validation with end users
- Broader project coordination

Preferred positioning: specialised technology partner, not project coordinator.

DELIVERY CAPABILITY AND COLLABORATION STYLE

Lean, modular and execution-oriented.

Execution model

1 **Scope**
Define the use case and available data

2 **Build**
Configure integrations and analytics

3 **Pilot**
Deploy the demonstrator and validate KPIs

4 **Scale**
Prepare the next deployment path

Team and support

WonzsAi product direction is supported by Imaginae's software engineering, UX, cloud and integration capabilities.

Information-sharing policy

We share enough detail to enable collaboration, while reserving proprietary internals for protected project contexts.

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CONTACT

LET'S TALK

Looking for the right consortium fit

We are open to conversations with coordinators, manufacturers, research centres and integrators that need an applied AI and industrial integration partner.

Marc Castellví

Co-founder, CMO / COO

mcastellvi@imaginae.net

WonzsAi / Imaginae

wonzsai.com

Best fit topics	Advanced manufacturing · industrial AI · predictive maintenance · connected operations
Preferred role	Technology partner **for pilots**, demonstrators and integration-heavy work packages
Next step	A short meeting to validate fit, scope and potential consortium contribution