

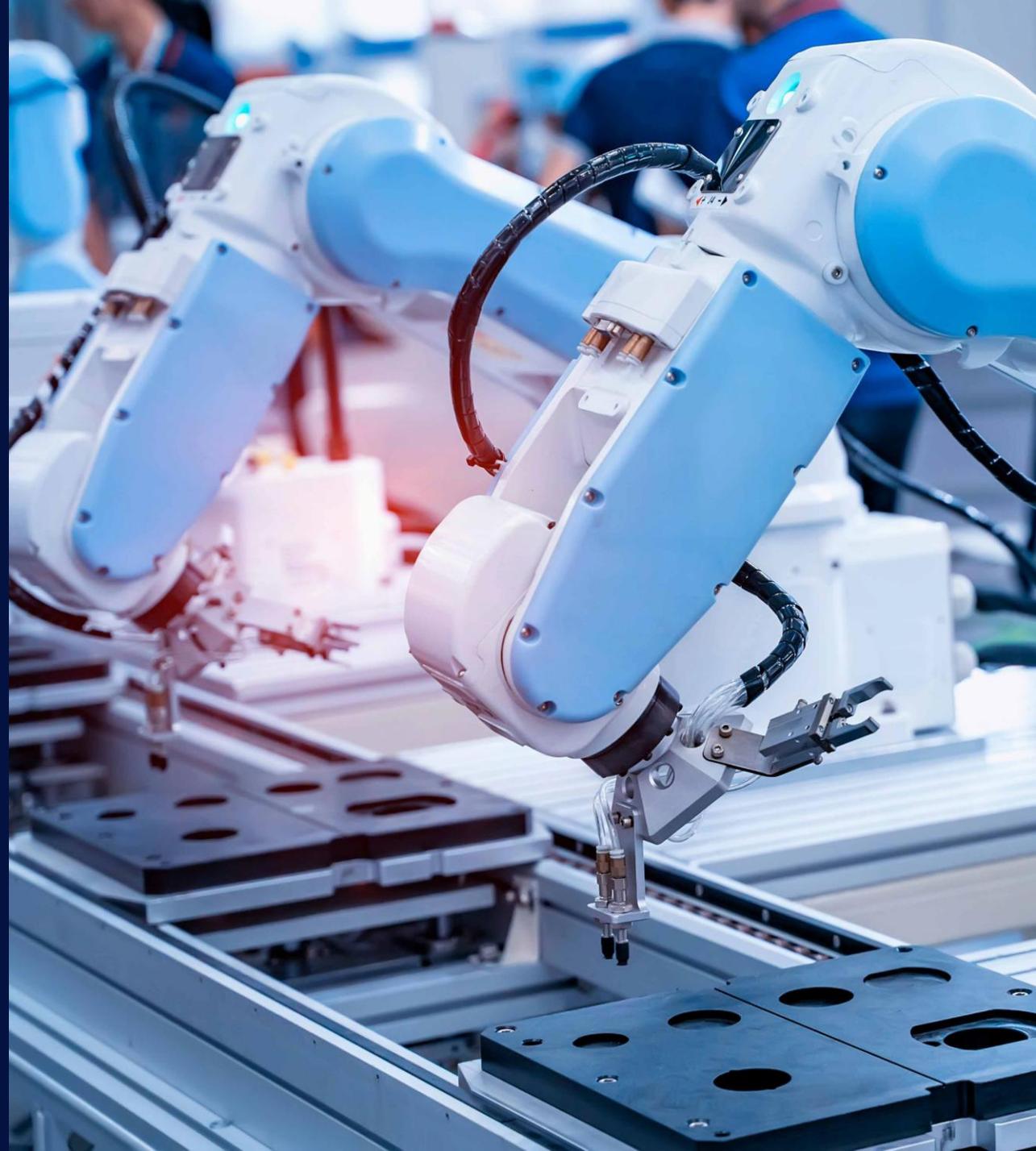


# Vorstellung WKW - UBIT



Co-funded by the  
European Union

[eitmanufacturing.eu](http://eitmanufacturing.eu)



# David Kameš

*Dipl.-Ing.*

## Innovation Lead

EIT Manufacturing East GmbH  
Vienna, Austria

### EDUCATION

TU Wien  
Wirtschaftsingenieurwesen - Maschinenbau

### LANGUAGES

German · Czech · English · Slovak

### ABOUT ME

4+ years driving open innovation, startup support, and venture clienting at one of Europe's leading manufacturing innovation networks.

### CORE EXPERTISE

Open Innovation

Venture Clienting

Business Development

Product Building

Innovation Financing

Automation & AI

### VENTURE SUPPORT (FREELANCE)





# Introducing EIT Manufacturing

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- EIT Manufacturing is an initiative of the European Institute of Innovation and Technology (EIT), a body of the European Union
- We are the leading pan-European community focused on fostering innovation in manufacturing through our unique active ecosystem
- This network brings together 200+ partners including industry leaders, connecting business, startups, academics and research institutions to make innovation happen
- Co-funding of EUR 400 million (2020-2026) from the EIT makes this possible

# We achieve it through our unique innovation ecosystem

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## Our mission

Connect manufacturing players by promoting talent and entrepreneurship to accelerate sustainable innovation in Europe.

Delivered through education and training, innovation and business creation.

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## Our strategic objectives

1. Put people at the center of manufacturing innovation
  2. Accelerate green manufacturing
  3. Foster sovereignty and competitiveness
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# Pan-European with local presence

● Headquartered in Paris

Six regional offices covering all European countries:

■ Central Region  
Darmstadt

■ East Region  
Vienna

■ North Region  
Gothenburg

■ South Region  
Milan

■ South-East Region  
Athens

■ West Region  
San Sebastian

👤 180+ employees



## Our impact since 2020

>350

Funded projects

1 000+

Manufacturing client  
introductions

40+

Corporate  
challenges solved

200+

Partners

1 000+

Startups and scaleups  
actively supported

31.6k

Students and  
learners

# Corporate & SME Services: Supporting Your Growth & Funding Needs

## 01

### Broadening network and collaboration

- Networking & community building
- Finding commercial and technology partners
- Learning Expedition

## 02

### Boosting viable innovation

- Funding of Innovation projects
- Support to commercialisation
- Tech Radar & Business Intelligence
- Corporate Innovation Challenge

## 03

### Expanding skills and competences

- Customised professional trainings
- Digital learning platform
- Teaching and Learning Factories
- Access to international talent
- Dissemination of innovation

## 04

### Accelerating sustainable growth

- Innovation Funding Catalyst
- Access to other funding programmes

# Startup & SME Services: Supporting Your Growth & Funding Needs

## 01

### Access to market

- European networking with peers and industry partners
- Qualified introductions to potential customers
- European events & programmes

## 02

### Access to finance

- Accelerate: EIT Manufacturing investment
- Funding for innovation projects
- Access to EU Funding programmes
- Investment readiness
- Investor introductions

## 03

### Mentorship & growth support

- Tailored coaching & mentoring
- Venture Building Programme
- Competitive intelligence



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# Examples of Services

# ESG STARTER

## A simple, effective strategy for SMEs to become more sustainable and resilient



### ✓ Initial Workshop

*Understand your business challenges, sustainability goals, and regulatory requirements  
Identify key ESG challenges and efficiency opportunities*

**FREE OF CHARGE**



### ✓ Sustainability Starter

*Learn and integrate sustainable practices  
Resilience and cost saving strategies  
Quick-Wins by our sustainability experts*



### ✓ Sustainable Transformation

*Guidance through the benefits of sustainability  
Helping streamline efficient methods and practices to save cost  
Mitigation measures – technology and process optimization leveraging from our European network*



### ✓ ESG Reporting

*Track sustainability progress with crucial KPIs and ongoing reporting process  
ESG Reporting following the VSME-Standard  
Long Term Sustainability Strategy*

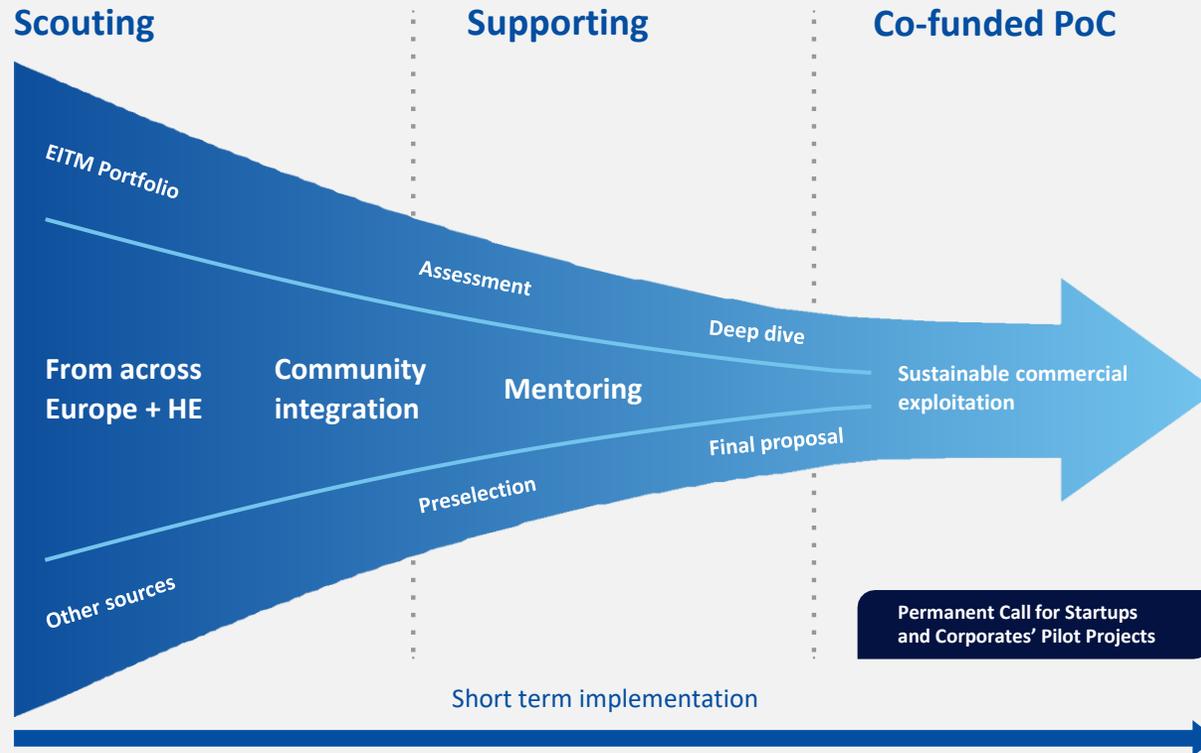
# Corporate Innovation Challenge

Supporting business engagements between manufacturers and startups

## Challenge owners



## EIT Manufacturing support funnel



## Selected tech providers



**Co-funded PoC + support**



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# Start-up Portfolio

# Battery Check j.s.a.



## PITCH

BatteryCheck provides predictive battery monitoring solutions using AI and real-time data analytics to extend battery life, reduce costs, and prevent failures for businesses dependent on battery assets. BatteryCheck offers a cloud-based predictive battery monitoring service that leverages AI to provide insights, alerts, and recommendations for proactive maintenance and optimisation of battery performance.

## DESCRIPTION / INNOVATION

BatteryCheck is a software that provides battery life assessment and optimises usage.

## ADDRESSED PAIN POINTS

BatteryCheck tackles inefficient reactive maintenance practices and the lack of real-time insights into battery health. It helps prevent unexpected downtime due to battery failure, reduces high replacement costs and suboptimal performance, and mitigates safety risks such as fires and explosions caused by battery failures.

## KEY DIFFERENTIATORS

BatteryCheck offers predictive maintenance using AI and machine learning, along with continuous real-time health monitoring across different battery chemistries. Its cloud-based platform enables centralised fleet management, with integration options via API, while extending battery lifespan by 20-30%.

## TARGET MARKETS

- Battery-powered device and vehicle manufacturers
- Service providers and system integrators
- Businesses managing large fleets of batteries
- E-mobility, manufacturing & construction, telecommunications, renewables, e-commerce, marine, facility management, smart cities

TECHNOLOGY  
SEGMENT



Battery, Hydrogen, Energy Storage

COMPANY  
INFORMATION



<b>HQ city</b>	Prague
<b>HQ country</b>	Czech Republic
<b>Year founded</b>	2018
<b>Employees</b>	6-10

MORE  
INFORMATION



<b>Name</b>	Michal Sastinsky
<b>Position</b>	Co-Founder & CEO
<b>Website</b>	<a href="http://www.batterycheck.com">www.batterycheck.com</a>



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## PITCH

Mithryl helps industrial companies eliminate guesswork by unifying fragmented plant and enterprise data into a single, contextual knowledge graph. By connecting systems like ERP, MES, machines, and quality tools, Mithryl enables fast root cause analysis, process optimization, and discovery of hidden insights. Its AI-ready platform delivers actionable intelligence with deep context, deployable securely in a customer's private cloud in weeks. The result is better decisions, improved margins, and full control over sensitive industrial data.

## DESCRIPTION / INNOVATION

Mithryl unifies fragmented industrial data into a contextual knowledge graph that shows how systems, machines, and processes truly connect. Its innovation is using this deep, validated context as the foundation for AI, enabling accurate root cause analysis and actionable insights. The platform deploys quickly in a secure private cloud, giving companies full control over their data.

## ADDRESSED PAIN POINTS

Mithryl addresses the pain of fragmented, siloed industrial data that prevents companies from quickly finding root causes, understanding process changes, and making confident, data-driven decisions.

## KEY DIFFERENTIATORS

Mithryl stands out with its industrial knowledge graph that provides deep, contextual insights beyond traditional analytics. It connects to any system, automatically validates data, and deploys quickly in a secure private cloud with full AI flexibility.

## TARGET MARKETS

- Discrete manufacturing (e.g. automotive, aerospace, industrial equipment)
- Advanced manufacturing and smart factories
- Industrial enterprises with complex, multi-system operations
- Regulated industries requiring strong data governance and traceability

TECHNOLOGY  
SEGMENT



Industrial Context AI

COMPANY  
INFORMATION



HQ city	Prague
HQ country	Czech Republic
Year founded	2024
Employees	2-10

MORE  
INFORMATION



Name	Roger Zouein
Position	Co- Founder and CEO
Website	<a href="http://www.mithryl.co">www.mithryl.co</a>

# Neuron Soundware



## PITCH

**Neuron Soundware** delivers cutting-edge AI, IoT, and edge computing solutions to optimise industrial, transportation, and power equipment, enabling real-time monitoring that boosts efficiency, reliability, and resource utilisation. We've deployed our technology in **130+ installations** across **4 continents**, collecting over **1 billion machine sound data**. Using our **proprietary IoT hardware** and the **nGuard analytics platform**, we support global leaders like **E.ON, ABB, and Toyota Tsusho**. Our innovations have earned **international recognition**, including **Top 5 global rankings** in **AI-powered audio diagnostics** and **IoT innovation**.

## DESCRIPTION / INNOVATION

**Our solution** combines **AI algorithms, sensors, and IoT edge devices** to enable **real-time monitoring** of machines using sound, vibration, current, and temperature. It includes **edge hardware, a web-based platform, and plug-and-play integration** for 24/7 remote access and fast deployment. Built for **high-speed data processing**, it easily scales from single machines to full production lines. Ideal for assets like **CNC machines, motors, compressors, pumps, welding stations, material handling systems, and transformers**.

## ADDRESSED PAIN POINTS

We tackle high operating costs caused by downtime, poor performance, quality issues, limited digitisation, and a shortage of skilled labor.

## KEY DIFFERENTIATORS

Our **end-to-end platform** features **plug-and-play integration, 24/7 remote access, and real-time data processing**. It is **fully scalable** and powered by **AI trained on 1+ billion sound samples**, delivering **accurate, actionable insights** across diverse industries. Customers benefit from up to **60% fewer breakdowns, 35% lower maintenance costs, and 25% higher productivity**.

## TARGET MARKETS

- **Industrial producers, manufacturers / operators** of CNC machines
- **Energy sector operators** (monitoring of transformers, inverters, generators)
- **Transportation, infrastructure, facilities** (Airports, Subways, Public spaces)

TECHNOLOGY  
SEGMENT



Prescriptive & Predictive Analytics

COMPANY  
INFORMATION



<b>HQ city</b>	Prague
<b>HQ country</b>	Czech Republic
<b>Year founded</b>	2016
<b>Employees</b>	11-20

MORE  
INFORMATION



<b>Name</b>	Pavel Konecny
<b>Position</b>	Founder, CEO, Chairman
<b>Website</b>	<a href="http://www.neuronsw.com">www.neuronsw.com</a>



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# Thank you!

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