Digitalisation Workshop

25 Industry Attendees

2 Keynote Speakers

6 Field Experts

Keynote Speakers

vanraam Let's all cycle

Manufacturer specialised in the production of special needs bicycles for people that cannot cycle on a traditional bicycle with two wheels.

"Digitalisation Vision and Lessons Learned"

CHALLENGE

Lots of data from production and products **+** Unmanageable product structures

Digitalisation Goal

Reliable + Stable + Flexible + Scalable

P R O D U C T I O N

OUTCOME

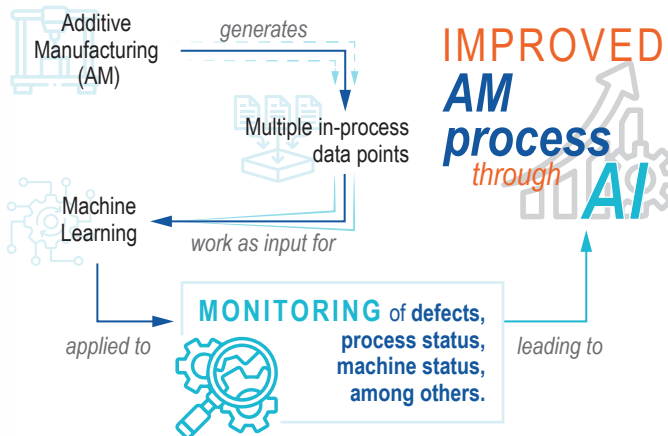Digital structure to connect and link all software and data sources.

VRIS

Get control of YOUR DATA, it is the *lubricant* for **business processes & decisions**

SIEMENS

Technology company focused on industry, infrastructure, transport, and healthcare.

"Using Artificial Intelligence in Additive Manufacturing"

Additive Manufacturing (AM) — *generates* → Multiple in-process data points

Machine Learning ← *work as input for*

applied to → MONITORING of **defects, process status, machine status, among others.** — *leading to*

IMPROVED *AM process through* **AI**

A R T I F I C I A L INTELLIGENCE allows to *predict* performance of **3D–printed components** such as *point of failure* & *number of cycles*

Key Topics

- 5G in Production
- Systems for Industry 4.0
- Artificial Intelligence
- Digital Twinning
- Dashboarding Solutions

Digitalisation Opportunities

How to benefit from digitalisation in production?
Industry 4.0 Audit

What are the potentials of 5G in the factory of the future?
Connectivity Solutions

How do I bring the concept of the digital twin to life?
Digital Twinning

How do I maintain an overview of the software system landscape?
Digital Infrastructure

What AI use cases are promising in my production environment?
Data Analytics

How do I design suitable dashboards that suport decision making?
Dashboarding Solutions