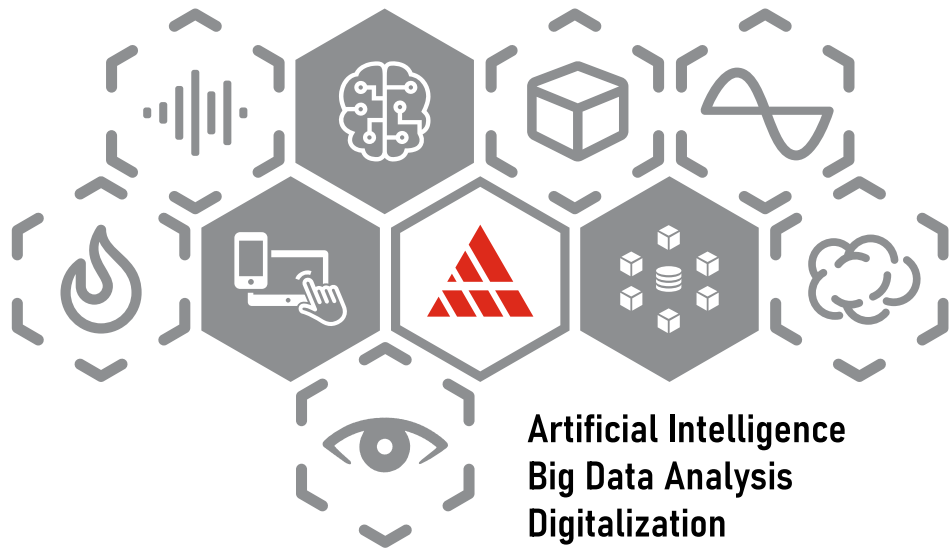


# SAMISORIC

RECOMBINING REALITY.





# The Story

Why it is smart to use machine safety systems



**SAM** SORIC  
RECOMBINING REALITY.

# The perfect world



- > 100.000 tons/a
- > Working 24/7
- > 3 shifts
- > 60 employees

# The not so perfect world



- › Within 24 hrs
  - › No production
  - › Huge costs
  - › No alternatives
  - › Insurance issues
  - › Doubts
  - › Uncertain employees
  - › Commercial issues
  - › No income
  - › No sales

# Even we thought about it



## > Even

- > all the required preventive measures have been taken
- > Additional measures
- > educated employees working on site
- > Consultants consulted
- > Invested nearly half of a million in fire safety



## Just due...

- › Lithium-ion batteries
- › Combustible dust
- › Hot loads
- › Flammable materials
- › Equipment malfunction
- › Improper storage
- › Human error
- › Electrical faults

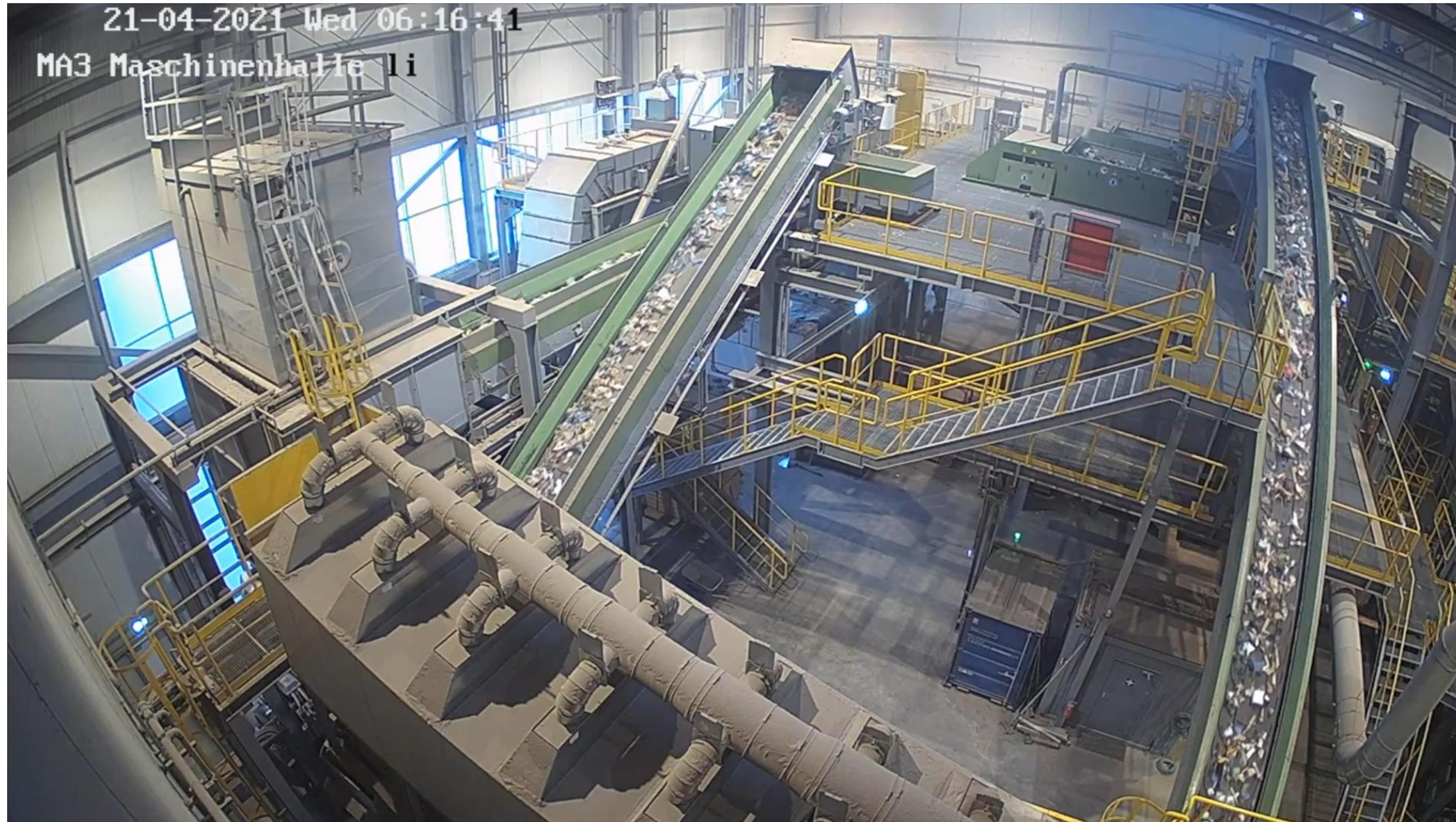
# A few examples, what we had to learn...

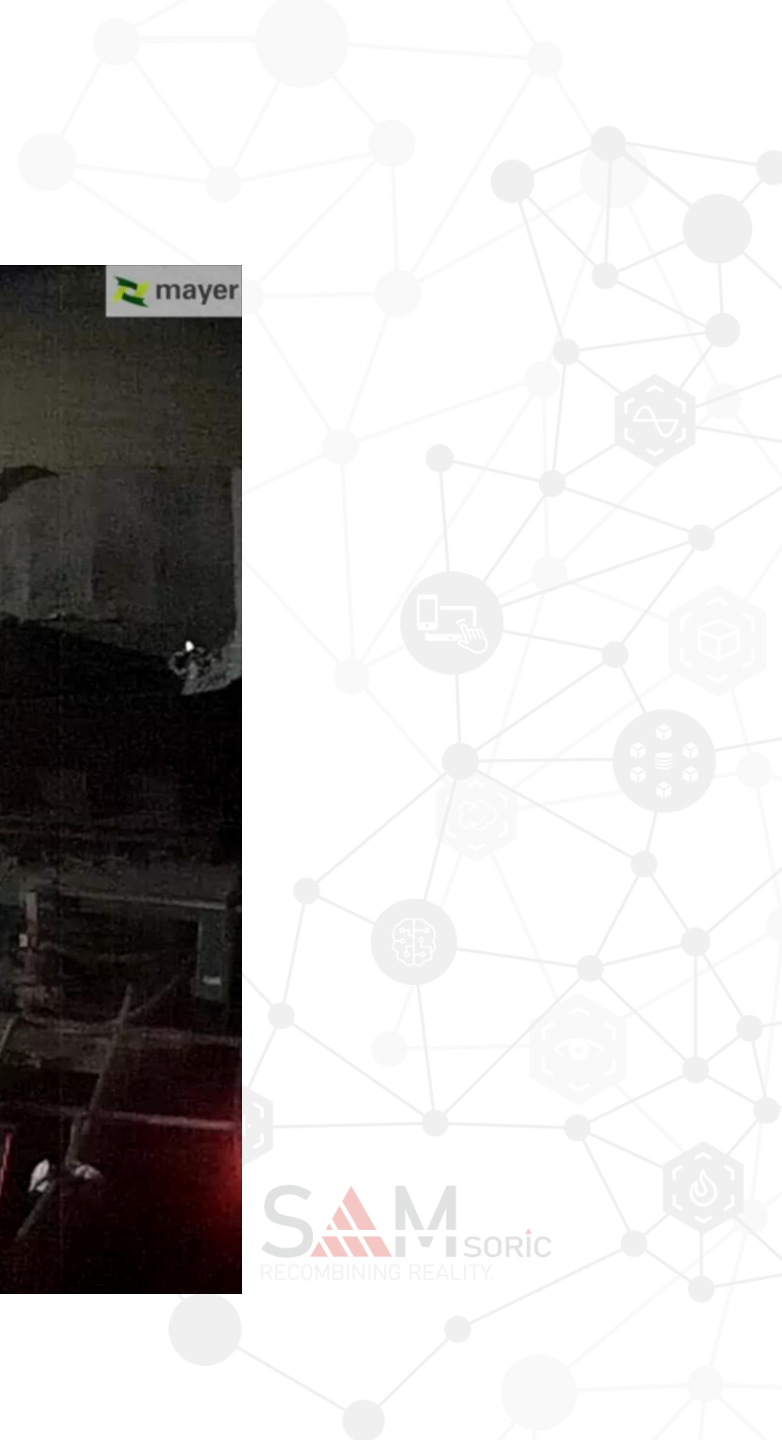








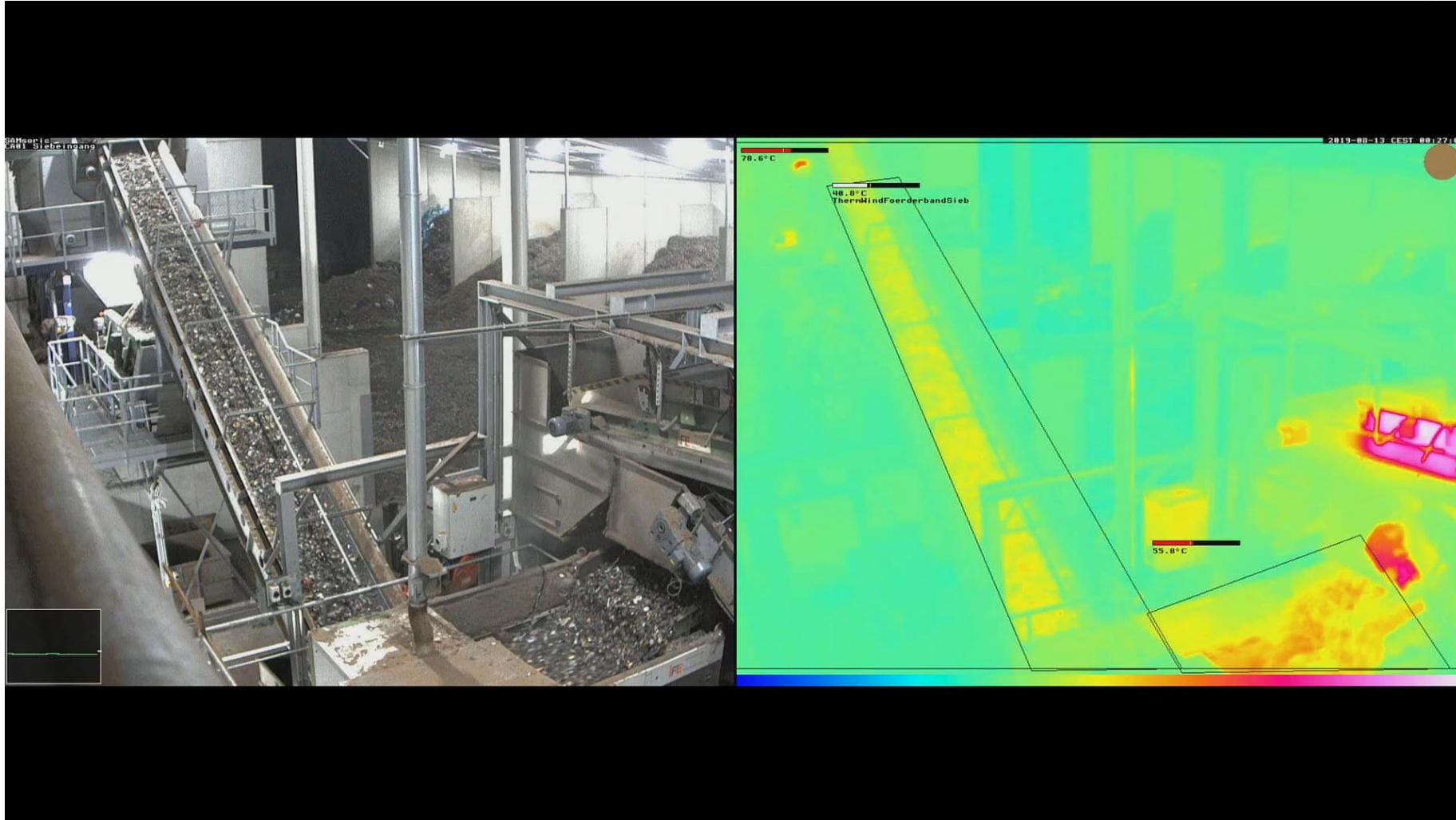






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# Now it was time, to do something different

Doing the same thing over and over again expecting a different result is called ... **Waste of time**

# Company

SAMsoric GmbH is engaged in the development and distribution of AI-based software for sensor systems.

In the area of waste and resource management, there are significant challenges in digitalization, which is one of the company's focuses.



**Ing. Andreas  
Säumel**



**DI Dr. Michael  
Autischer MBA**



**Ing. Helmut  
Resch BSc**



**Tobias C.  
Zirsch**



# Keyfacts SAMsoric GmbH

- › Founded January 2018
- › Startup in the range of waste technology and AI
- › Headquarter – Leoben, Austria
- › 6 Employees
- › Well integrated in international research environment
  - › FFG
  - › SFG
  - › GreenTech Valley
  - › MUL
  - › FH Joanneum
  - › TU Graz

# SAMsoric – Range of products

## › Industrial sensor solutions for thermal and spatial analysis



Heat Source Detection - machine protection system  
& Thermal Surface Analyzer



VOL Power – material flow measurement



UPX platform – VISedge visualization



SAM Mount



# SAMsoric Referenzen



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