



This project is co-financed by the European Union
and the Republic of Türkiye



ICTürkiye2025
10 April, İstanbul

PRESENTER FULL NAME: Prof. Dr. Sven Spieckermann

ORGANIZATION: SimPlan AG

WORKSHOP NAME: Workshop#2-Twin Green and Digital Transition of Industry

E-MAIL: sven.spieckermann@simplan.de

Description of the Organisation

THE DIGITAL FACTORY TWIN COMPANY

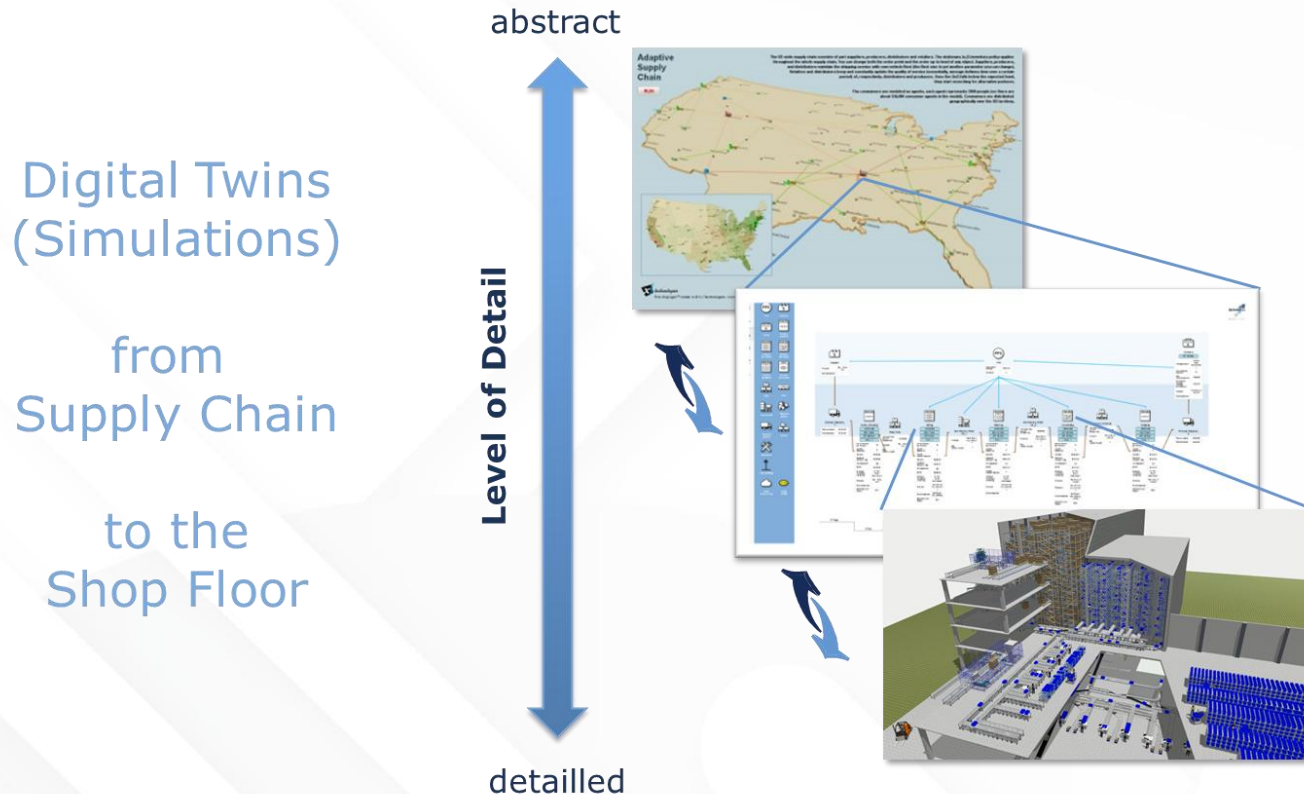
- SimPlan AG, Hanau, Germany
- 120 Employers, SME

Software and Solutions for

- Digital Factory Twins & Simulation
- Value Stream Mapping & Design

Industry Experience in

- Automotive
- Logistics, Supply Chain, Mobility
- Shipyards
- Health Care



Your Teams' Expertise



Design and
Implementation Digital
Factory Twins

Combining Simulation
and AI



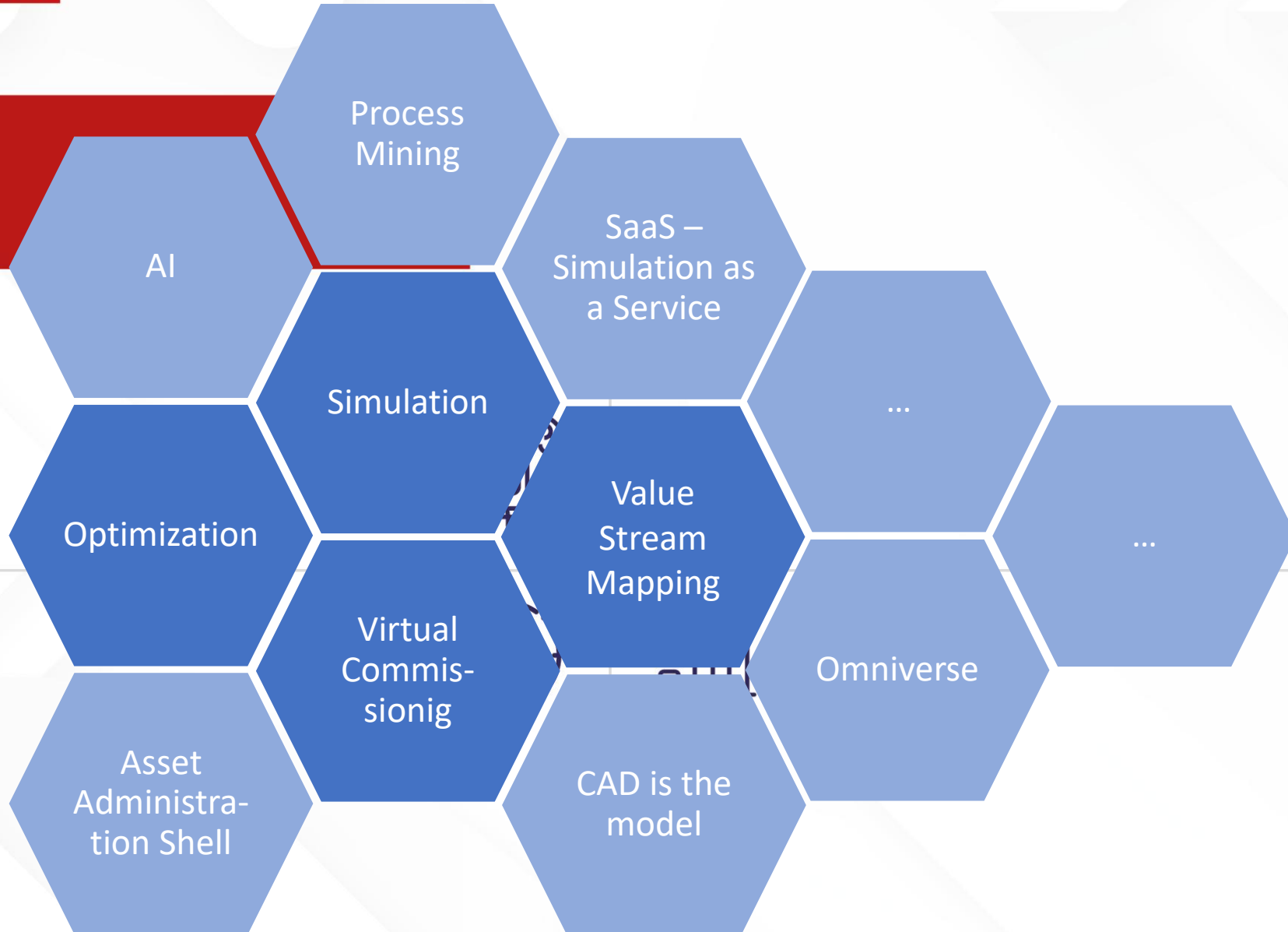
Combining Simulation and
Process Mining

- Consultants
- Value Stream Experts
- Modeling Experts
- Software Engineers



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Research Fields



Your On-going Projects



ADREAN

Process Mining and simulation for resilient production processes



SIMOBOT

Simulation-based analysis for the intelligent adaptation of the degree of autonomy of mobile transport robots in intralogistics



VaStNet

Research project VaStNet – Optimization of value streams with neural networks



virtASI

Simulation and virtual commissioning in the food industry



rEUman

Digital solutions for the people-centred remanufacturing of the future

Project Idea

Call Topic: Industry HADEA – CL4-2025-01; Advanced manufacturing technologies for leadership of EU manufacturers in products for the net-zero industry (Made in Europe Partnership) (IA)

Combination of Simulation, Digital Twins, AI, and Process Mining

Deadline Dates: 23rd Sep 2025

- ☐ **Objectives / Expected Results:** Innovative production processes and Dig. Twinning and Analytics for Heat Pump Manufacturer

Project Idea

Call Topic: HORIZON-CL4-2025-03-DIGITALEMERGING-07: Robust and trustworthy GenerativeAI for Robotics and industrial automation (RIA) (AI/Data/Robotics & Made in Europe Partnerships)

Deadline Dates: 13th Nov 2025

- ☐ **Objectives:** AI-Based control of robots, e.g. portal robots, in production environments together with a supplier of portal robot systems



PRESENTER CONTACT
DETAILS:

Prof. Dr. Sven Spieckermann

Mobil: +49 172 4318735

Mail:

sven.spieckermann@simplan.de

COUNTRY: Germany