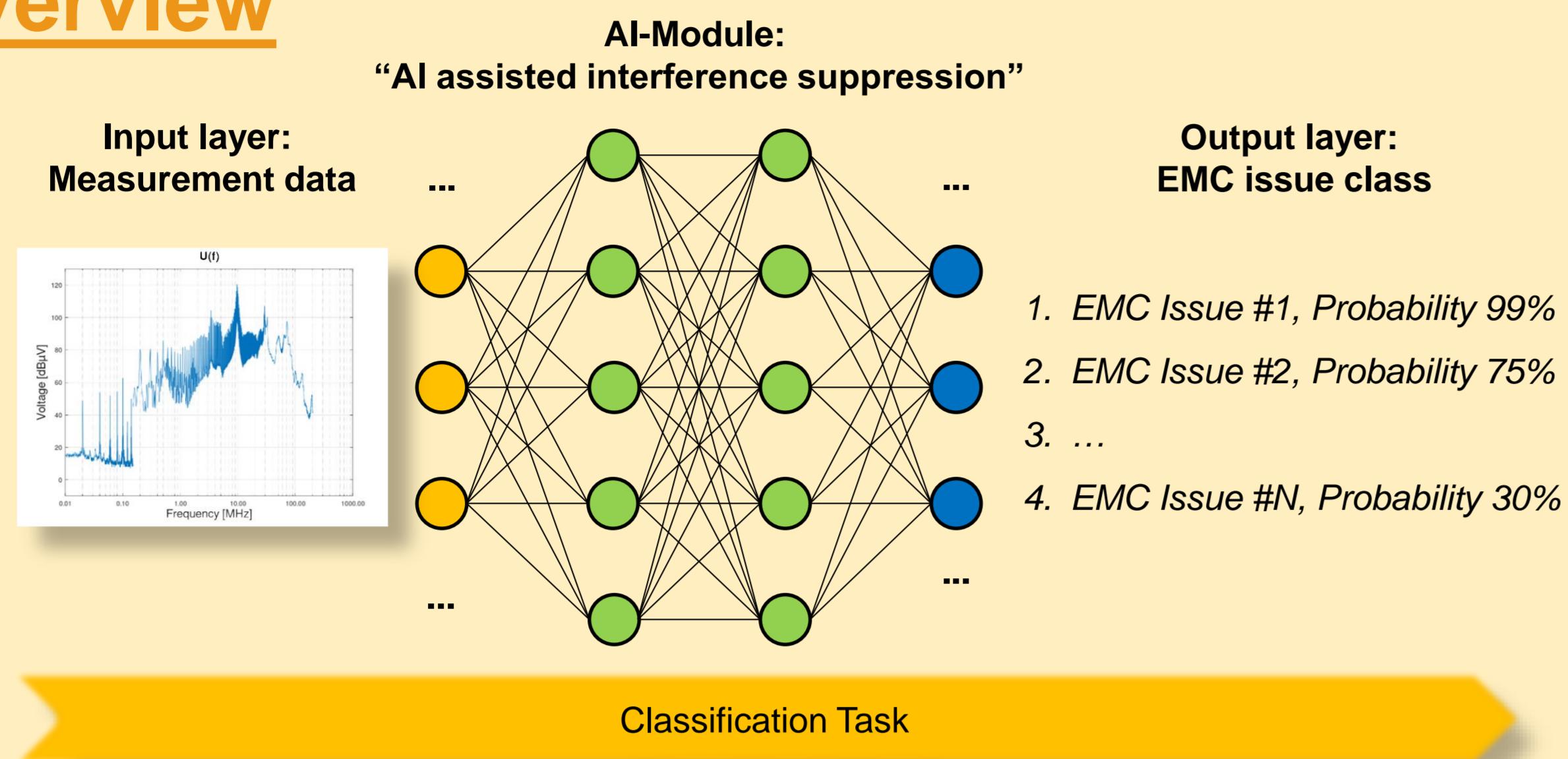
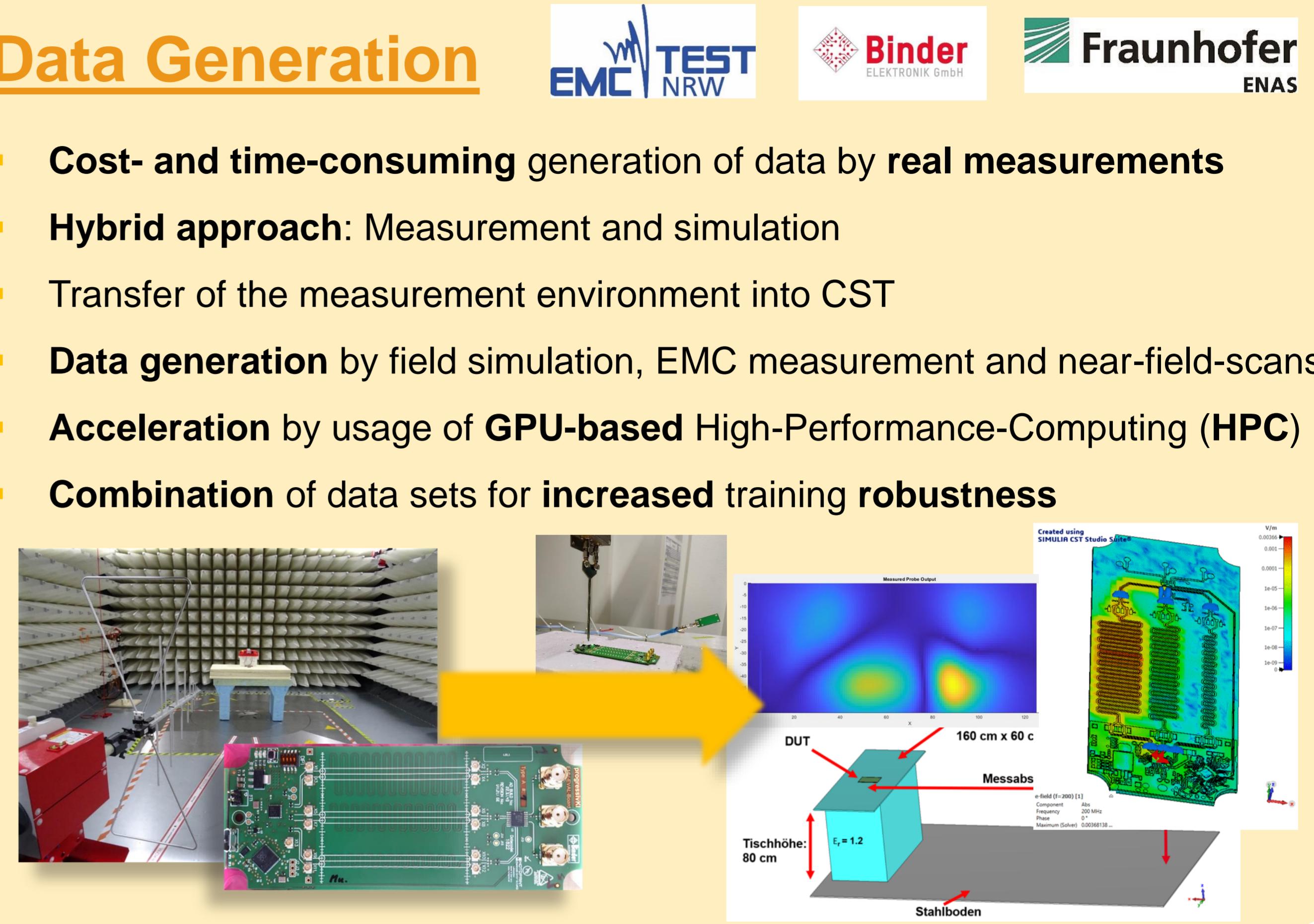


Overview



- EMC measurements, e.g. within the framework of product development
- Up-to-date approaches like **virtual prototyping** are not profitable for KMU
- Conversion of the EMC result analysis into a **classification task**
- Reduction of time and cost requirements

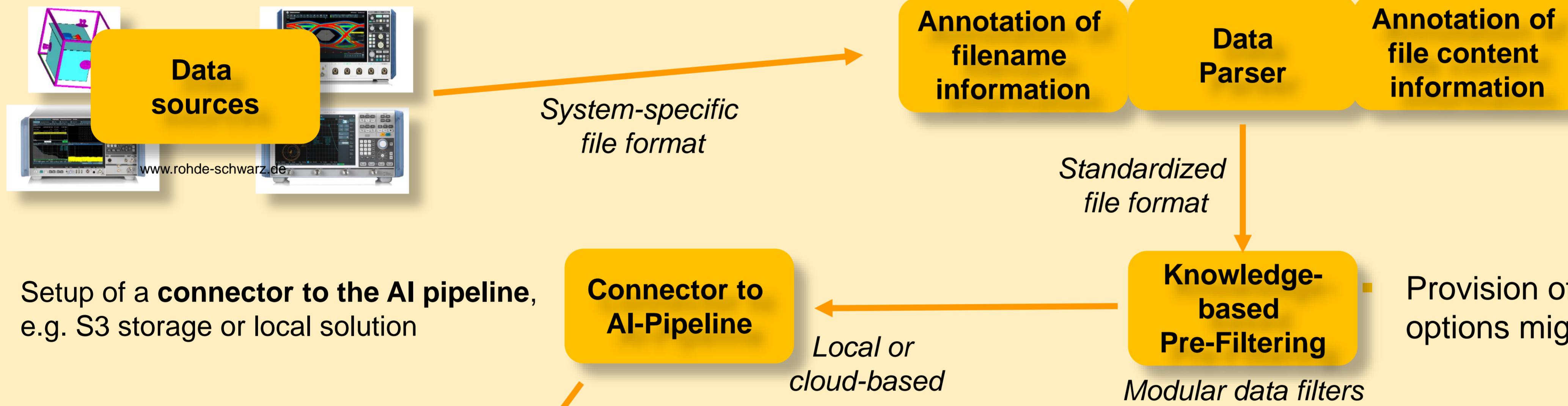
Data Generation



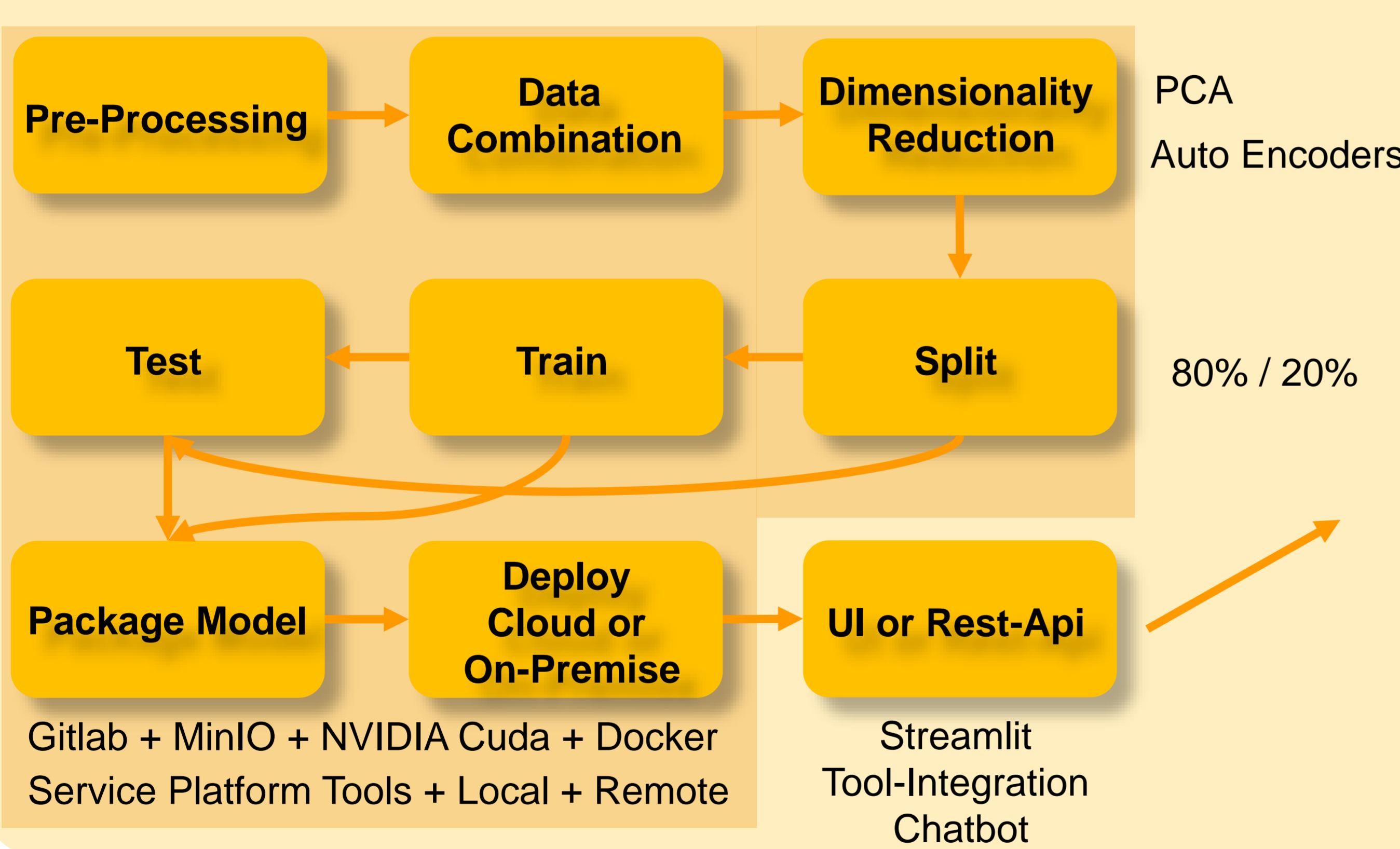
Data Annotation, Processing and Filtering

- Different output data formats of EMC measurement and simulation systems
- Need for **standardization** for AI processing pipeline

- Setup information often included in **filename and header**
- Annotation scheme needed for extraction of setup information
- Tool for **semi-automated** annotation, processing and provision of measurement and simulation **data sets**

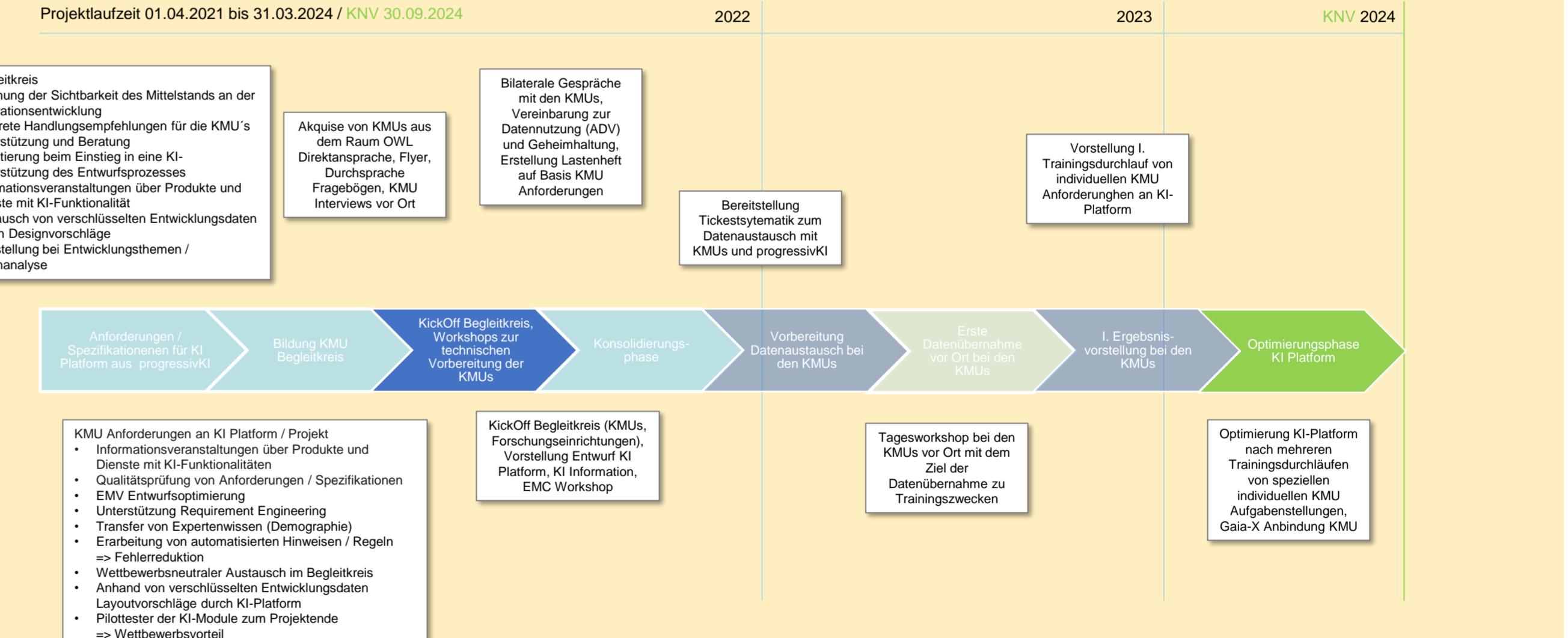


AI Pipeline



End User / KMU Input

Technische KMU-Unterstützung zur Einführung KI-basierter Entwurfsprozesse



Addressed Core Innovations of progressivKI

- IE.2: Development of a modular and flexible usable part of the AI platform (including connectors to data sources, annotation and AI workflow)
- IE.3: Provision of connectors for cloud based processing (here: S3 storage) and/or local connectors / download options for models
- IE.4: Portability of AI models to individual processes
- IE.6: Usage and adaption of open source AI software for increased value gain
- IE.7: AI access for KMU
- IE.13/14: Quantification of AI training success and quality by visualization of metrics

Projektpartner:

