



WHEN TRUST MATTERS

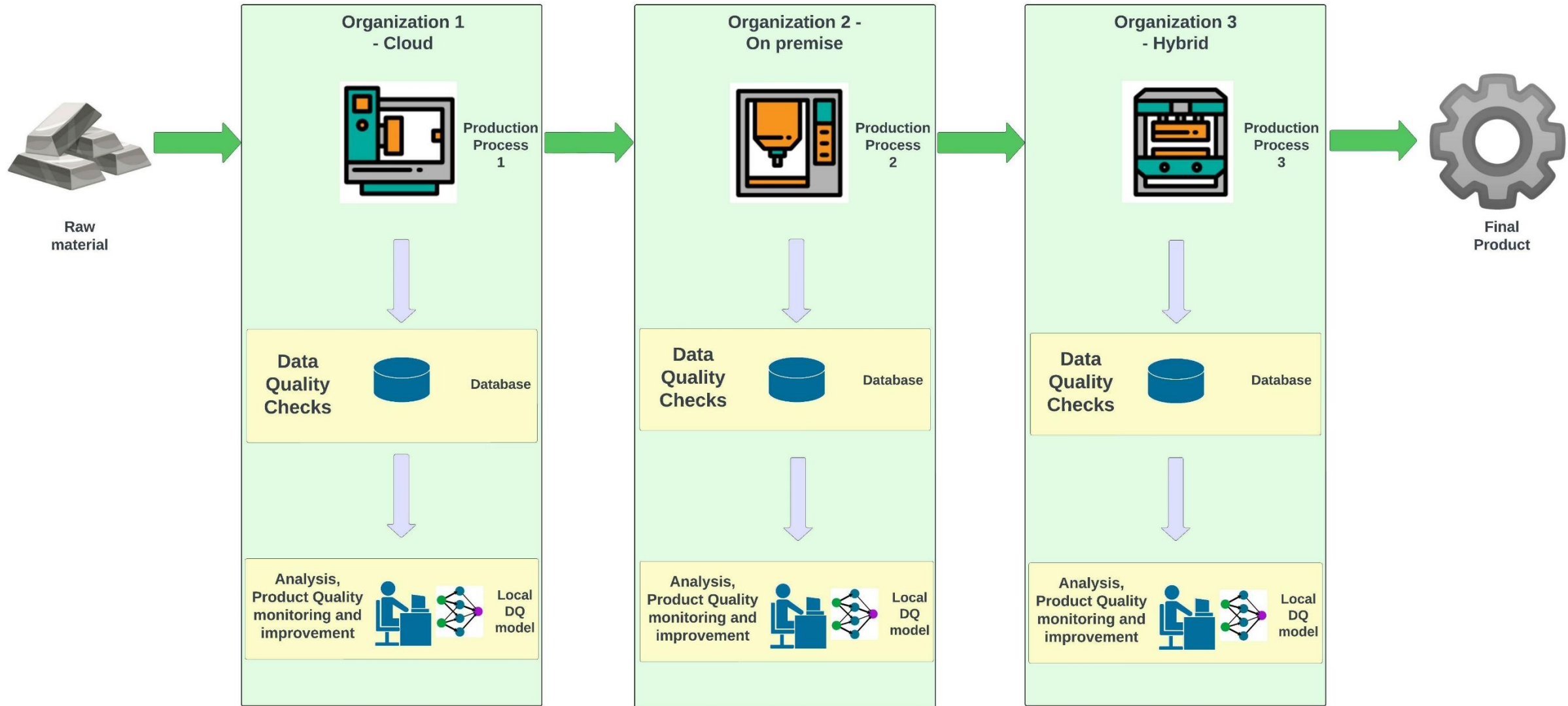
Federated data quality as a service in industrial IoT

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Problem statement – An overview of manufacturing a product



What is Data Quality

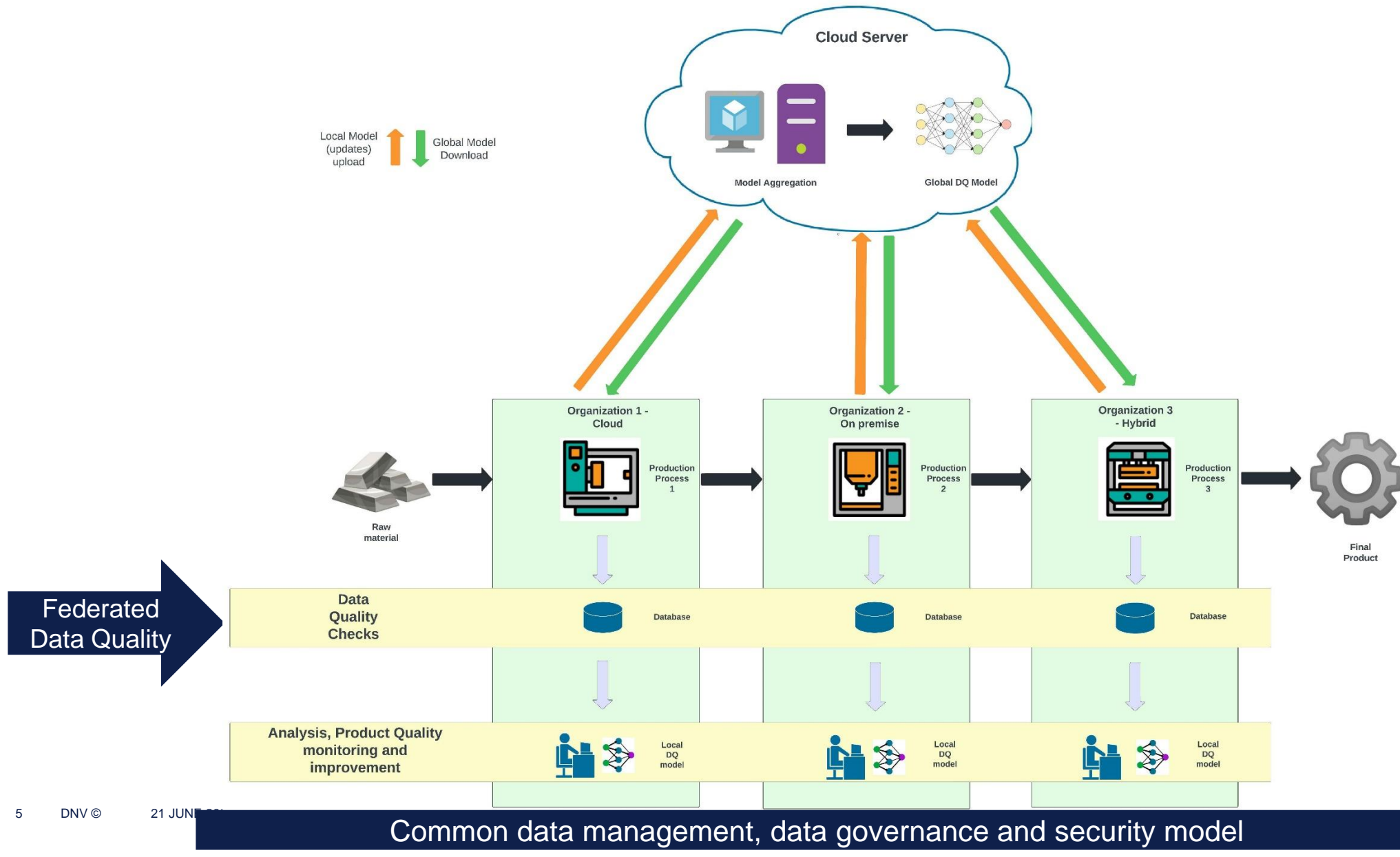
- A measure of the “health condition” of data
- Can you trust data produced by sensors during industrial process
- Can these data be used for automation and to make good decisions



What is federated in a data quality context?

Federated data quality management enables data quality rules to be developed, shared, used and trusted across multiple organisations.

A solution to combat the problem statement: Federated Data Quality

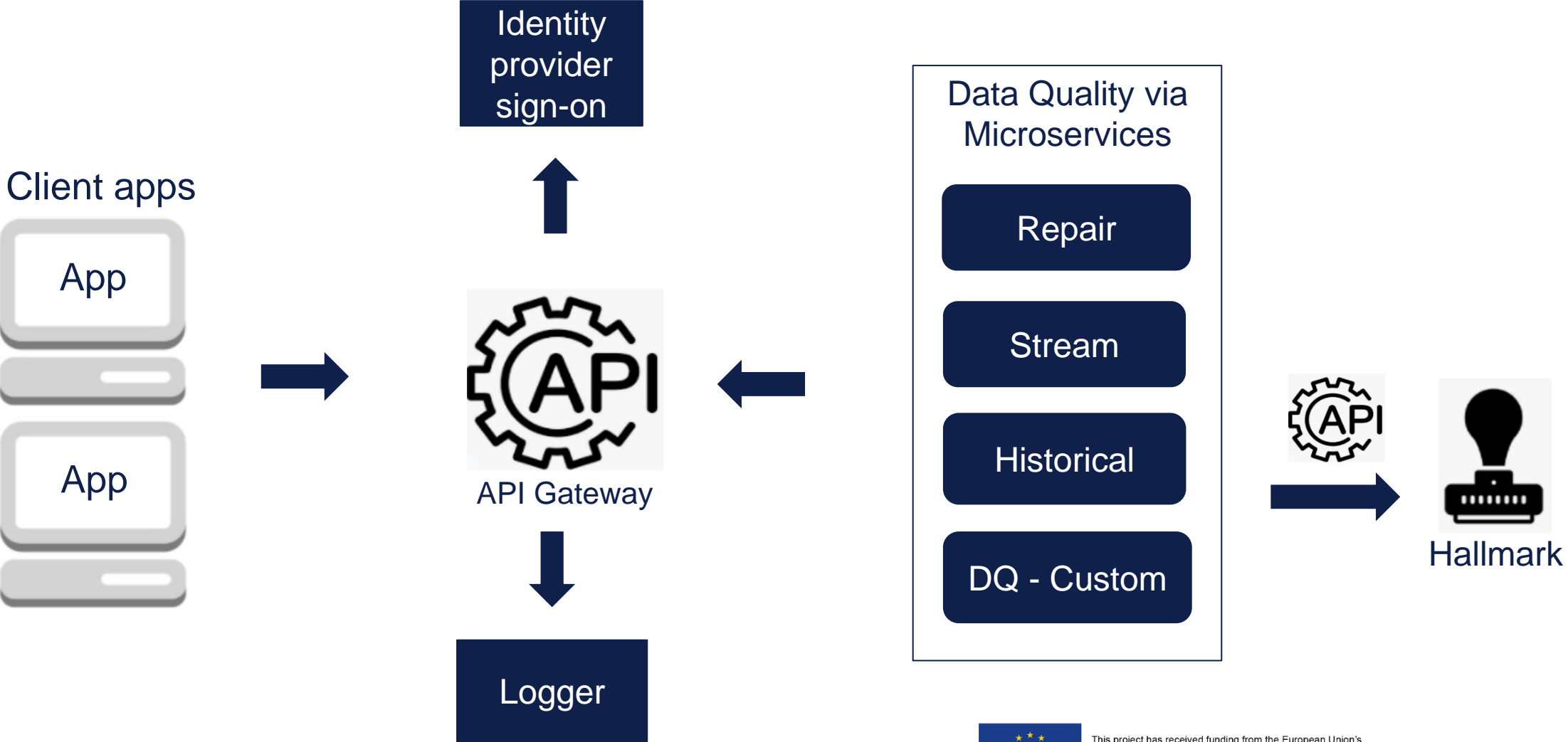


Synergies
through shared
knowledge,
learning and
investment

Data Quality as a Federated Service – DQaaS



Interlinked process, product & data quality framework for zero defect manufacturing



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Summary – take aways

- There should be more focus on data quality in industrial IoT
- Federated data quality should be widely applied to multi-actor industrial IoT
- Federated data quality can be a pre-requisite to improving federated learning

Thank you

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