

QI-Digital Initiative

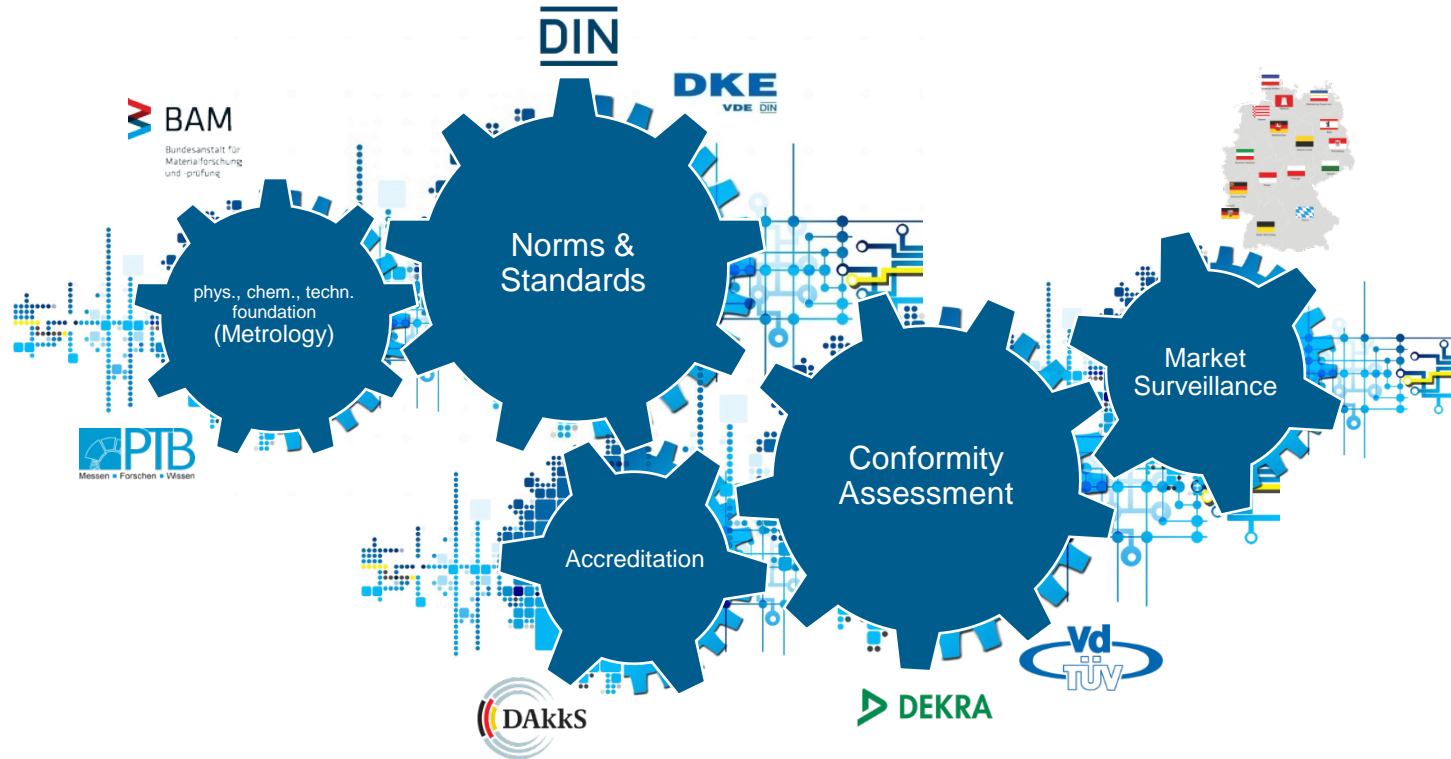
On behalf of the Chairman of the Advisory Board of the Initiative

QI-Digital is an initiative by



QI-Digital* Initiative

*(Quality Infrastructure Digital)



QI-Digital Initiative

- 2018** Foundation of the Quality Infrastructure Digital (QI Digital) project group with the BMWK
- 2019** Developed a common understanding and common goal/vision
- 2020** Research, transfer and implementation agenda handed over to BMWK
- 2021** LOI for the QI-Digital initiative at the Hannover Messe
Financing through economic stimulus package
Start of the Use Cases Hydrogen / AI in Medical Applications / Additive Manufacturing at BAM and PTB
- 2022** Launch of the QI-Digital Initiative
QI-Digital website, Forum/Conference, QI-Digital network
Foundation of the advisory board
- 2023** Start of projects on structural elements of a digital QI
(linking Smart Standards, DSI, DCoC, QI Cloud, DPP).





ZIELBILD

The digital and green transformation brings new expectations, challenges, but also new opportunities for quality infrastructure (QI).

A digital and modern QI is

- a clear **competitive advantage** for the economy
- a critical success factor for the **digital and green transformation**.

The necessary further development of QI requires the commitment of all elements of QI and involved and affected stakeholders (companies, standards users, manufacturers, etc.).

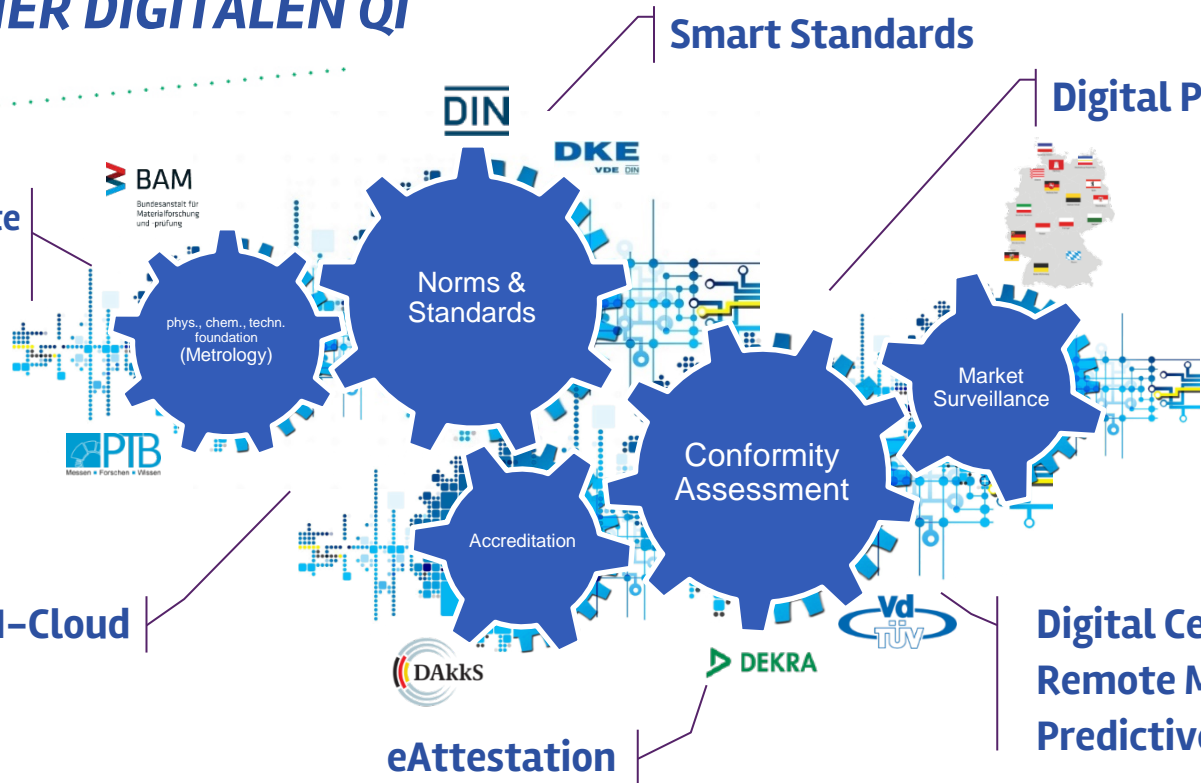


A digital QI should:

1. Be able to **address novel / innovative products and processes of the digitalized** world quickly, sustainably and continuously and also take into account the topics of security, data security and data sovereignty
2. Keep pace with the economy and make use of current technologies to provide a **faster, more effective and efficient ecosystem** – preferably from a single source
3. Be able to use digital technologies to achieve a **holistic view of products** across the product creation and lifecycle, also against the backdrop of climate and social challenges

ZIELBILD EINER DIGITALEN QI

Dig. calibration certificate
Remote calibration



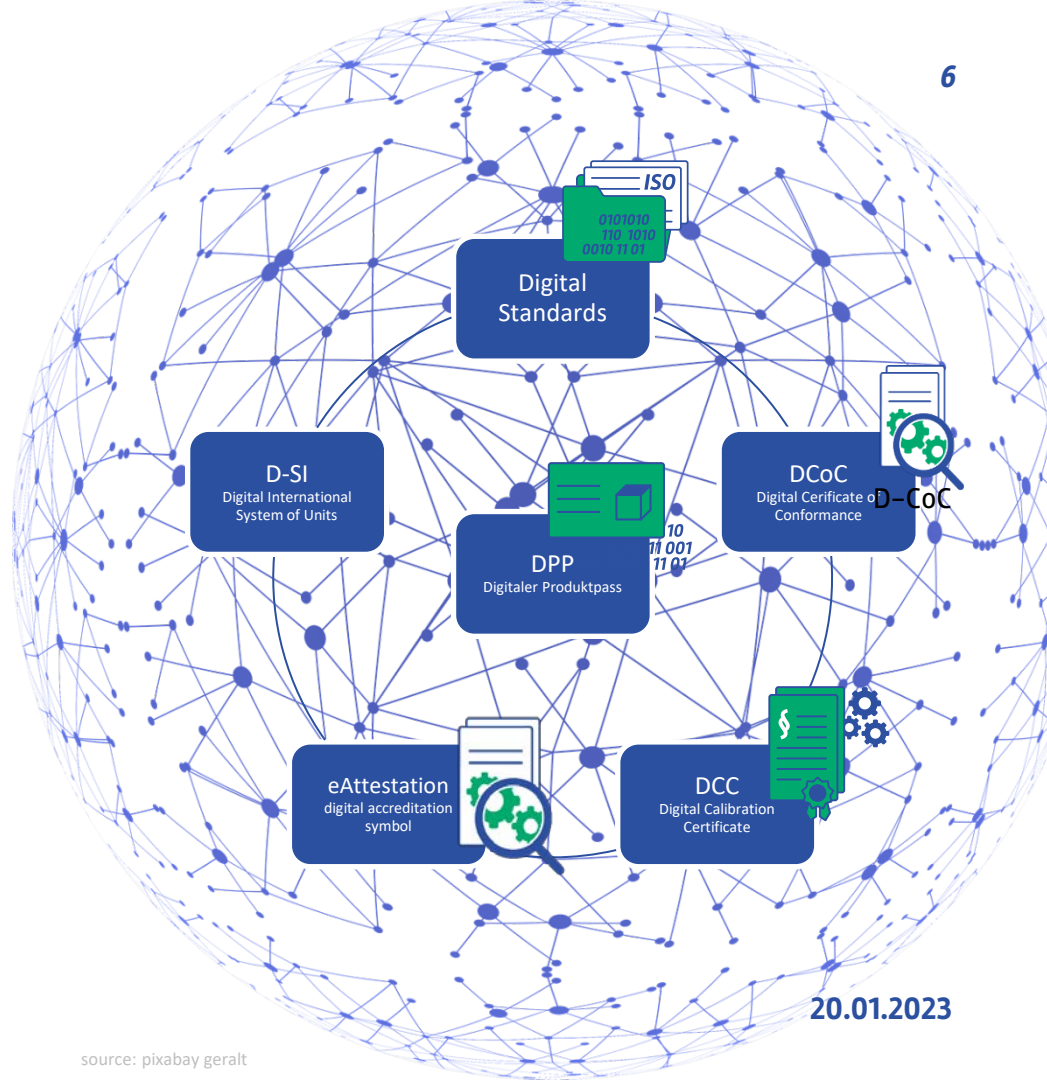
New digital solutions and tools for a digital quality infrastructure



DIGITAL TOOLS

Projects for

- ❖ Harmonizing the terminology
- ❖ Linking of D-SI and Formulas & Smart Standards
(e.g. extension of ECLASS/CDD by SI)
- ❖ Linking between certificates and content of standards
- ❖ Mapping and linking with DPP *incl. demonstrator in a DPP 4.0
- ❖ Standardization of data transfer between tools and further findings from the projects



Qi-Digital – a modern quality infrastructure

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YOUR CONTACT PERSONS

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