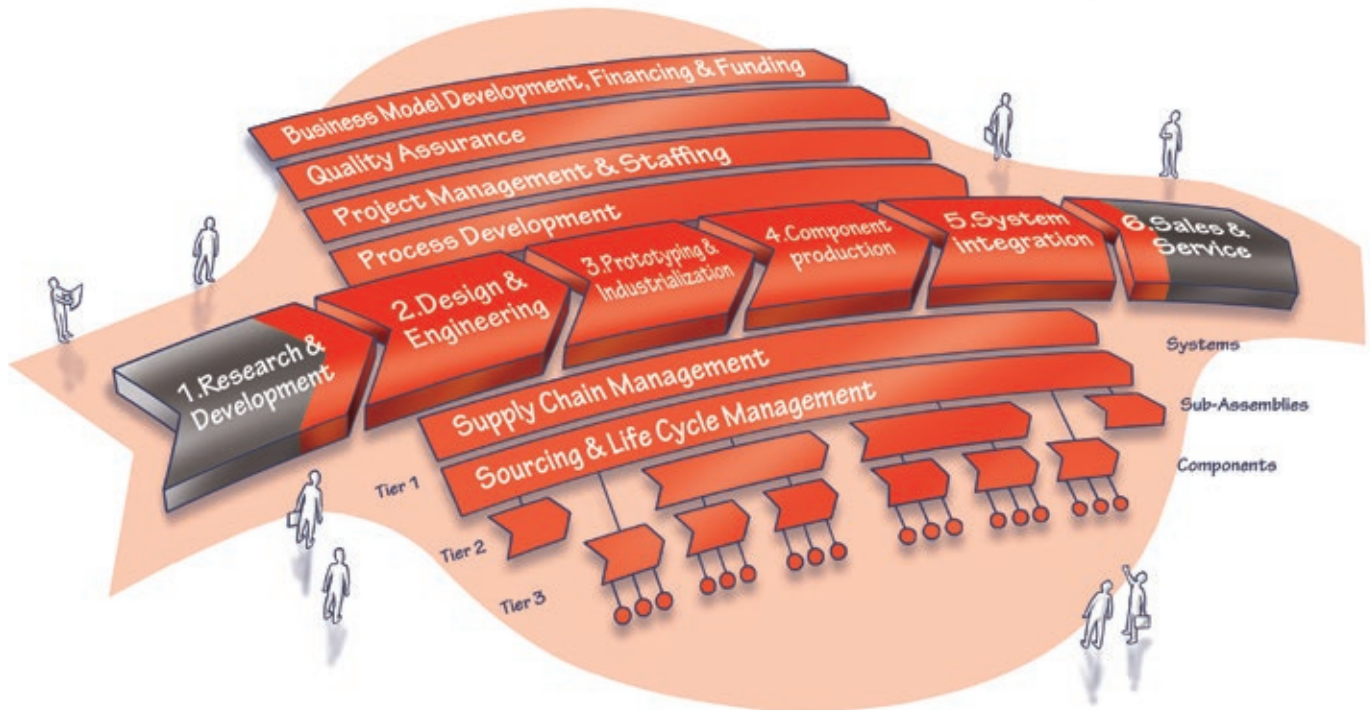


FIELDLAB THE SMART CONNECTED SUPPLIER NETWORK



TNO innovation
for life

OBJECTIVE

In a networked high-tech supply chain we want to simplify information sharing. So that parties can provide each other with invoices, schedules, orders and 3D drawings efficiently and effectively. Easier said than done, since we also need to keep in mind some boundary conditions.

Like the reliability of Information sharing: there must be no loss of information, governance has to be in place and access control needs to prevent access to that information by unauthorized or untrustworthy parties.

We aim to fully automate information sharing in an interoperable way. Aligned formats and semantics will enable systems to interpret the information.

APPROACH

DEVELOPING NEW STANDARDS

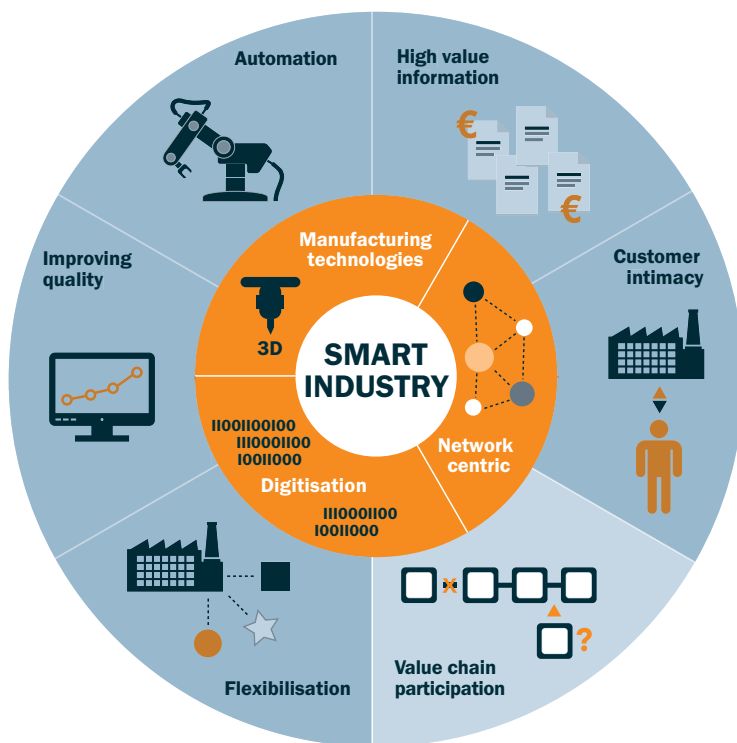
In fieldlab the Smart Connected Supplier Network we develop, test and implement new standards for information sharing based on semantic technology, thereby ensuring optimal interoperability between parties.

Establishing standards may sound like a long and winding road, but it doesn't have to be: we follow a unique and proven method that drastically accelerates the process. In so-called pressure cookers all partners are actively involved through multi-day workshops that focus on the most prominent information streams:

- Invoices
- Schedules
- orders
- 3D drawings

This method has proven to generate a rapid yield convergence on requirements and subsequent creation of the required standards.

**20% HIGHER
PRODUCTIVITY
THROUGH FAST,
SECURE AND
INTEROPERABLE
EXCHANGE OF
INFORMATION
ACROSS COMPANY
BORDERS.**



NEW ICT

New and safe Information and Communication Technologies is a second focus of the fieldlab. New ICT technology is used for the high-tech supply chain, providing new information infrastructures, security and governance in close collaboration with the German Industrial Data Space programme and the Secure Connected Systems fieldlab.

Of course we also ensure that the new information infrastructure can accommodate the systems (e.g. ERP/3D drawing software) and messaging (e.g. XML) currently being used.

PARTNERS

The fieldlab started as an initiative of Brainport Industries and TNO. In the meantime various high-tech suppliers and ERP software providers have joined. The fieldlab will remain an open environment and welcomes new participants.

WE ARE LOOKING FOR

OEMs, high-tech suppliers and ERP and PLM software companies to join the fieldlab and make it serve their interests as well.

WE OFFER

Maximum leverage on your investments:

- A consortium that is already up and running (you hit the ground running).
- Proven approach to quickly establish new standards.
- Use of public funding, through active support from the EU as well as the Dutch and German governments.

TNO.NL

Interested? If you wish to receive more information or participate, please contact us.

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