

METUS implementation @ SHS

How to implement METUS in large organizations

Ottmar Förstel (SHS DI CT R&D SC)
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Version
2018.10

Agenda

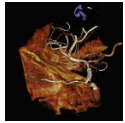
- Challenges
- Implementation Approach - General
- Implementation Approach @ CT
- Outlook
- Summary



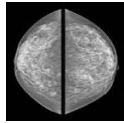
Independent Business Lines

SIEMENS HEALTHINEERS

Interventional angiography



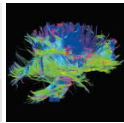
Mammography



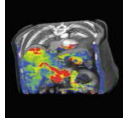
X-ray imaging



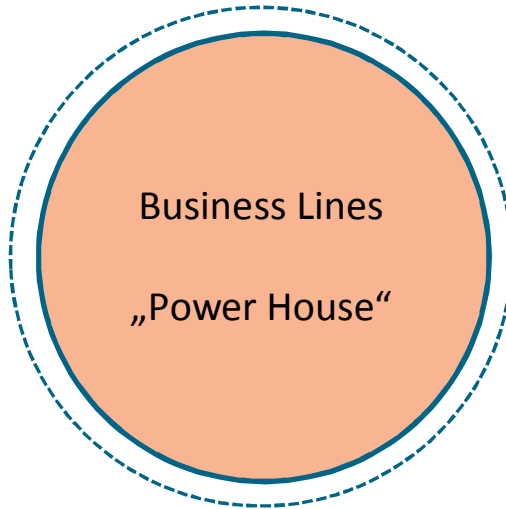
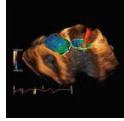
Magnetic resonance imaging



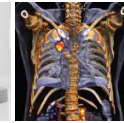
Computed tomography



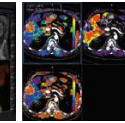
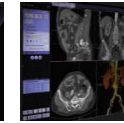
Ultrasound imaging



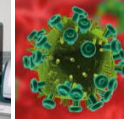
Molecular imaging



Imaging Software



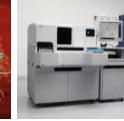
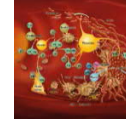
Molecular testing



Point of care testing



Hemostasis & hematology testing



> 46,000
employees

~ €13 bn
revenue

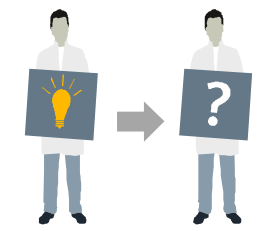
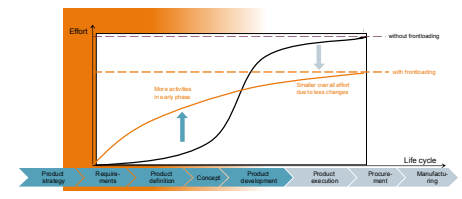
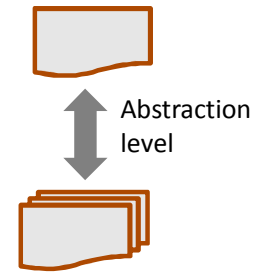
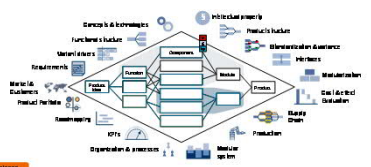
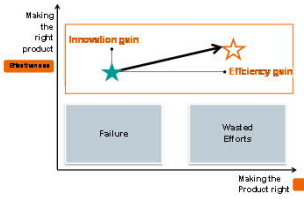
> €1 bn
R&D spent

Business Line „Computed Tomography“ (CT)

- 1000 Developer
- 3 Development Locations (GER; IND; CHN)

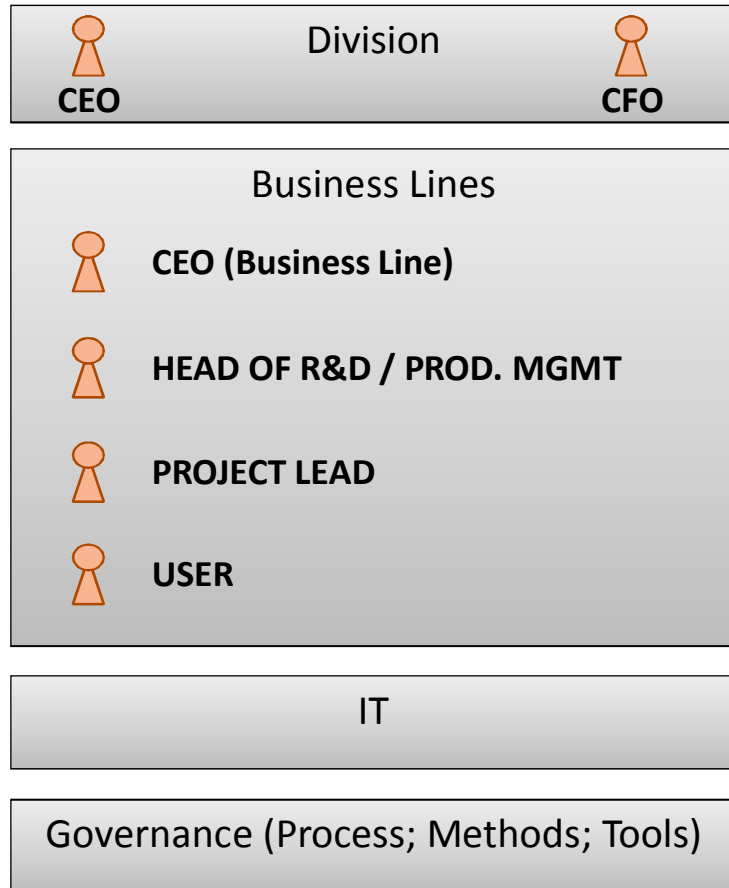
Varying challenges over time

Two perspectives



Every organization unit speaks a different language

Different hierarchical needs



„ Fitting to general strategy “

„ Benefits for Business Line Business “

„ Benefits for R&D work / collaboration “

„ Benefits for the project “

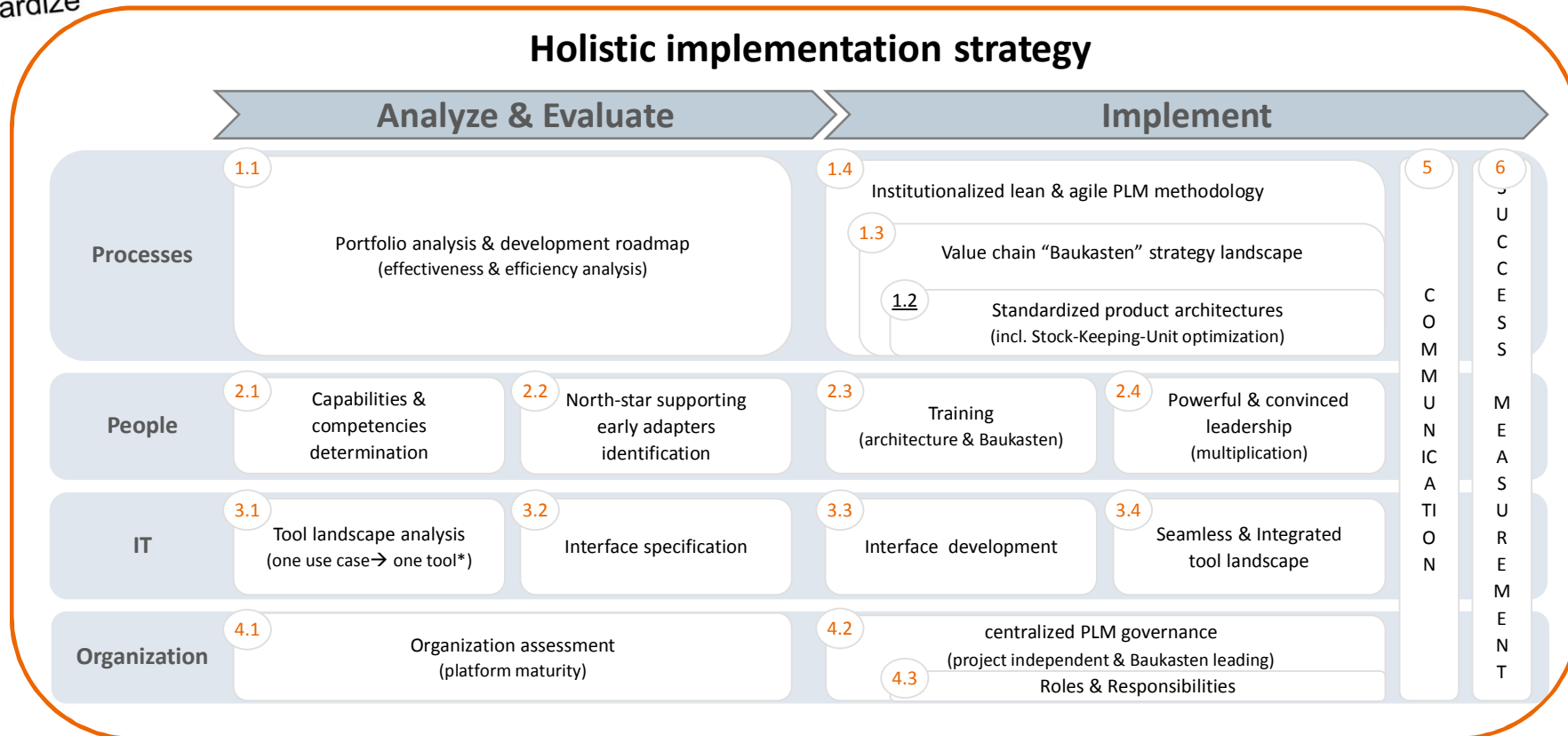
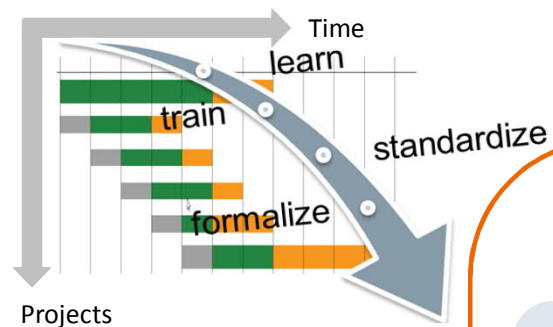
„ Benefits for daily work “

„ Tool / data security “

„ Alternatives? “

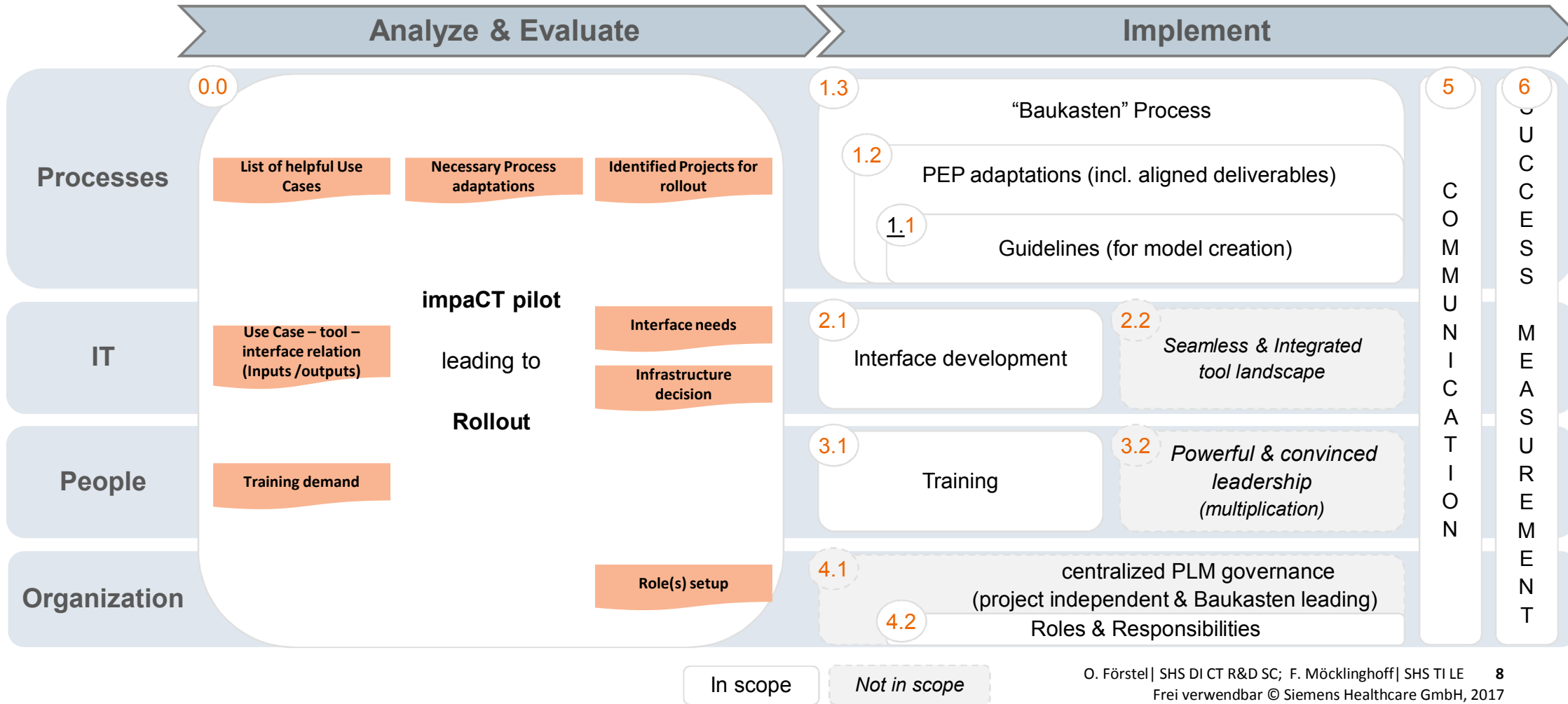
Aiming for a holistic strategy balancing critical success dimensions

Standardized approach



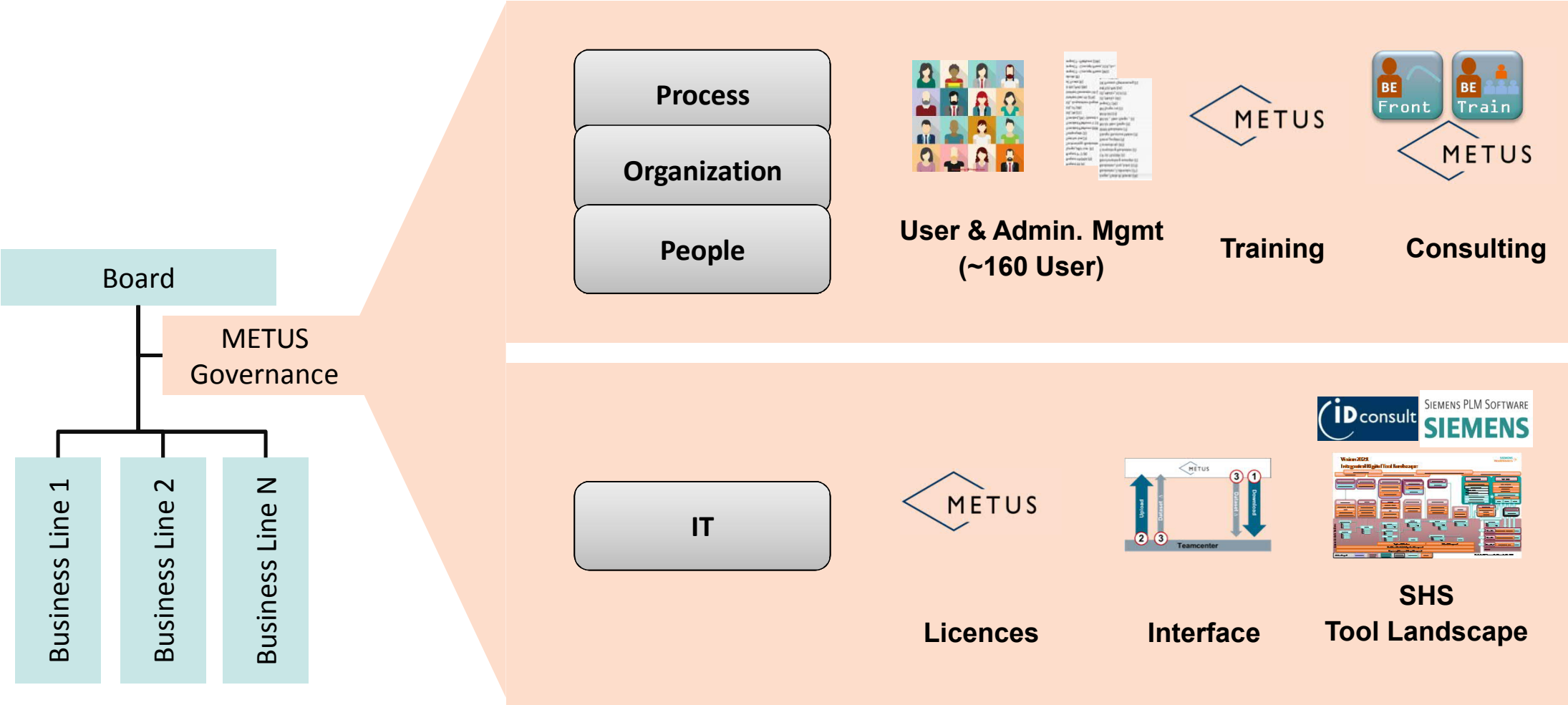
A well defined Metus rollout facilitates productivity gain

Implementation approach @ CT



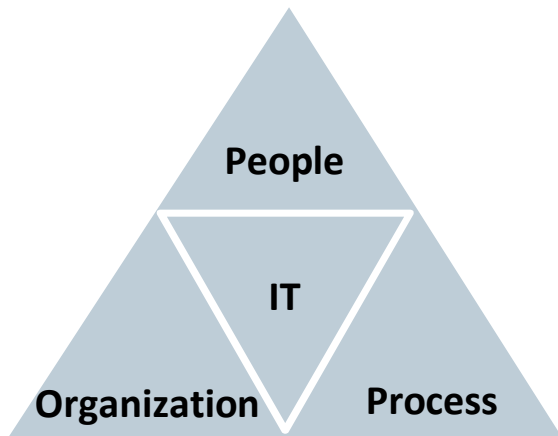
Centralized governance ensuring continuing implementation @SHS

Outlook



Sustainable implementation of METUS methodology

Lessons Learned



1. Find innovators

- Tools have never changed a company, but employees who are convinced by a method and ready to apply it

2. Conduct pilot project

- Necessary to leverage full benefit (Show measurable success to Management)

3. Find sponsor

- With authority to decide and budget
- Share vision among Management Team

4. Adapt processes / organization

- New process demands usage of methodology and defines deliverables

5. Integrate software in tool landscape

- Implement into to be defined workflows
- Prioritization of adjacent tool interfaces necessary

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Engineering success.
Pioneering healthcare.
Together.