

# The Project is over – The Knowledge is lost? DLR's Project Database

IAC 2016

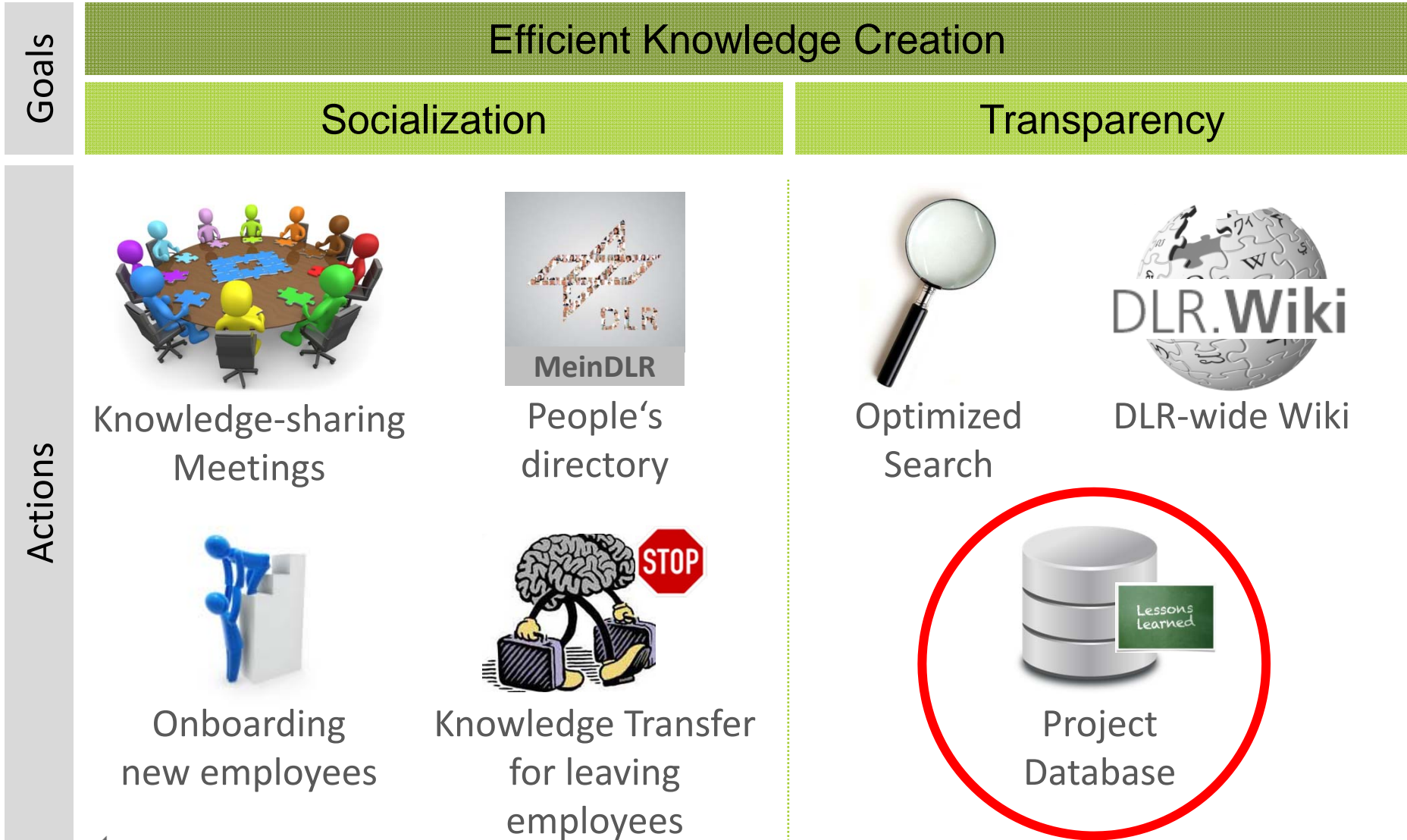
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# DLR's Knowledge Management Concept



# Initial Ideas



connections across institutes  
are visible to everyone



every employee can see  
projects we work at



Show project data  
in one place



numerous project lists  
are views of central list



central repository  
for Lessons Learned



process  
implementation



project portfolio  
management support



Intensify  
networking



strategic  
decision support



## What's left

- No data from other databases
- Data:
  - Points of Contact
  - Participating Institutes
  - Description
- Description must be added manually by project managers

Give up now?



# What's left: Project Description

## iTalent

Interdisciplinary technical work in aeronautic research and development

The project's aim is to research, develop and realize an innovative concept for [interdisciplinary, cross-topic](#) work in aeronautic related projects. As a basis for that concept serves a principle of a [highly integrated design laboratory](#). This facility allows [concurrent engineering](#) in complex and highly integrated [system design](#) tasks in research and design processes.

This approach was already proven in [aerospace engineering applications](#) and should also be adapted for aeronautics and other research fields. iTalent's core activities were focused on the implementation of a platform for [holistic design studies](#) and [simulations of air transport systems](#).

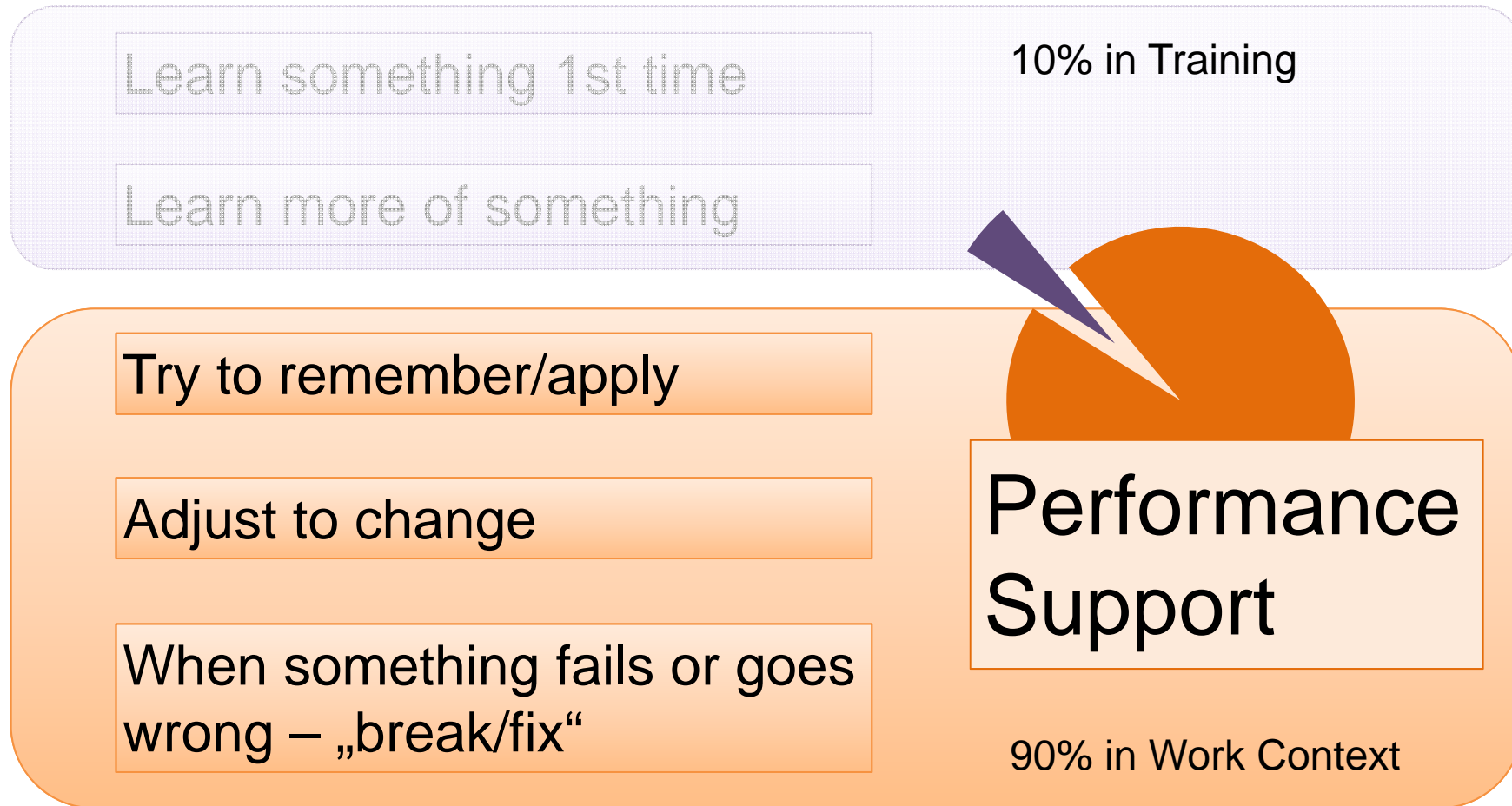
Three pillars constitute the design of the IDL: [collaboration methods](#), [technical computing](#), communication, and visualization infrastructures, and the experts' collective competency on site will support you in [complex interdisciplinary projects](#). Having his infrastructure the methods of collaboration and visualization will be researched in an [follow-on project](#).

This leads to

- Integrative project work – new ways to tackle your challenges
- Collaborative Engineering 2.0 – versatility for [virtual and distributed teams](#)
- Evaluation and Decision – a solution for [risk-minimized](#) and fast realization

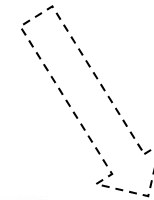
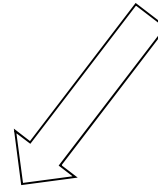


# Five Moments of Need



# How to find what I search for

What if my network can't help?



Ask the colleagues you know. Obvious!



Free Stock Image 31368648

Ask the colleagues you don't know (yet)!



# Content brings People together. (Atlassian)

## iTalent

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similar projects

## What we use

### Software

CPACS

RCE

JMP

Camtasia

ANSYS

CPLEX

Powershow

### Hardware

Barco Clickshare

Samsung 3D Monitor

Smartboard

Smart Response System

### Methods

Concurrent Engineering

MDO

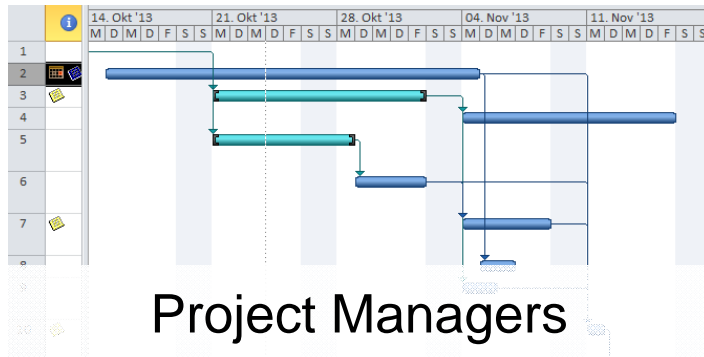
Video Streaming

Interviews

Video-Konferenz

Klimatisierung

similar topics



Project Managers

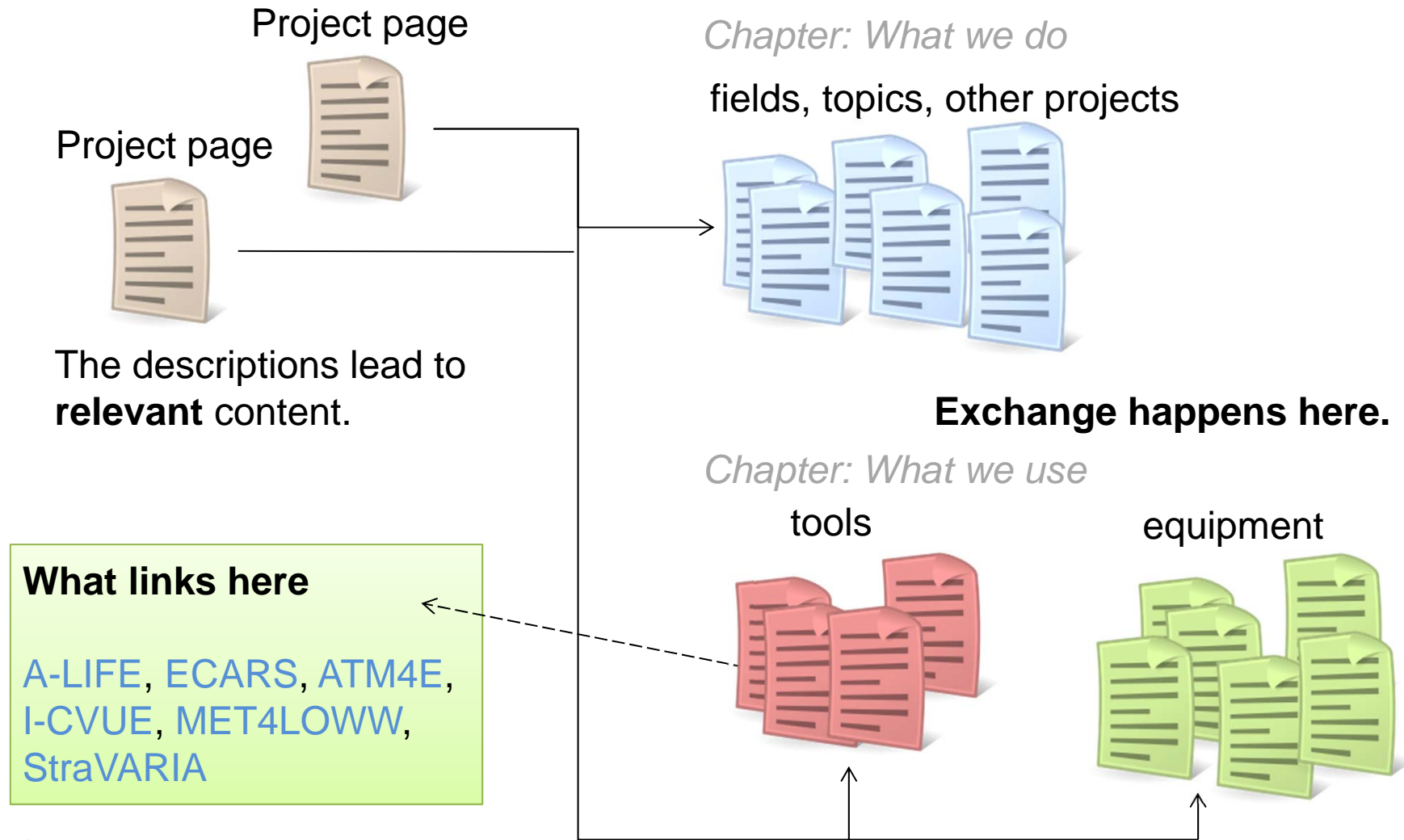


Scientists





# relations visible for everyone

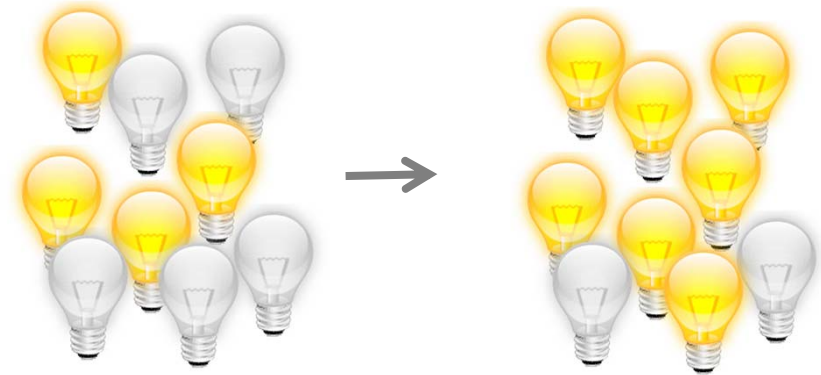


# Project Database Concept



## Our next steps

- Implement a data interface
  - Show data already
  - Transfer descriptions whenever possible
- Process Integration
- Lessons Applied Process



## Questions



André Pliewischies

Never give up – changes need time

Understand your product: What is the true added value?

