

Towards a Collaboration Framework for Selection of ICT Tools

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Overview

- Context
- Problem statement
- Proposed solution
- Conclusions
- Questions?

- Research projects
 - Interdisciplinary
 - Spread out over different locations
 - Different partners, different disciplines
- In Flanders
 - IBBT
 - Interdisciplinary institute for BroadBand Technology



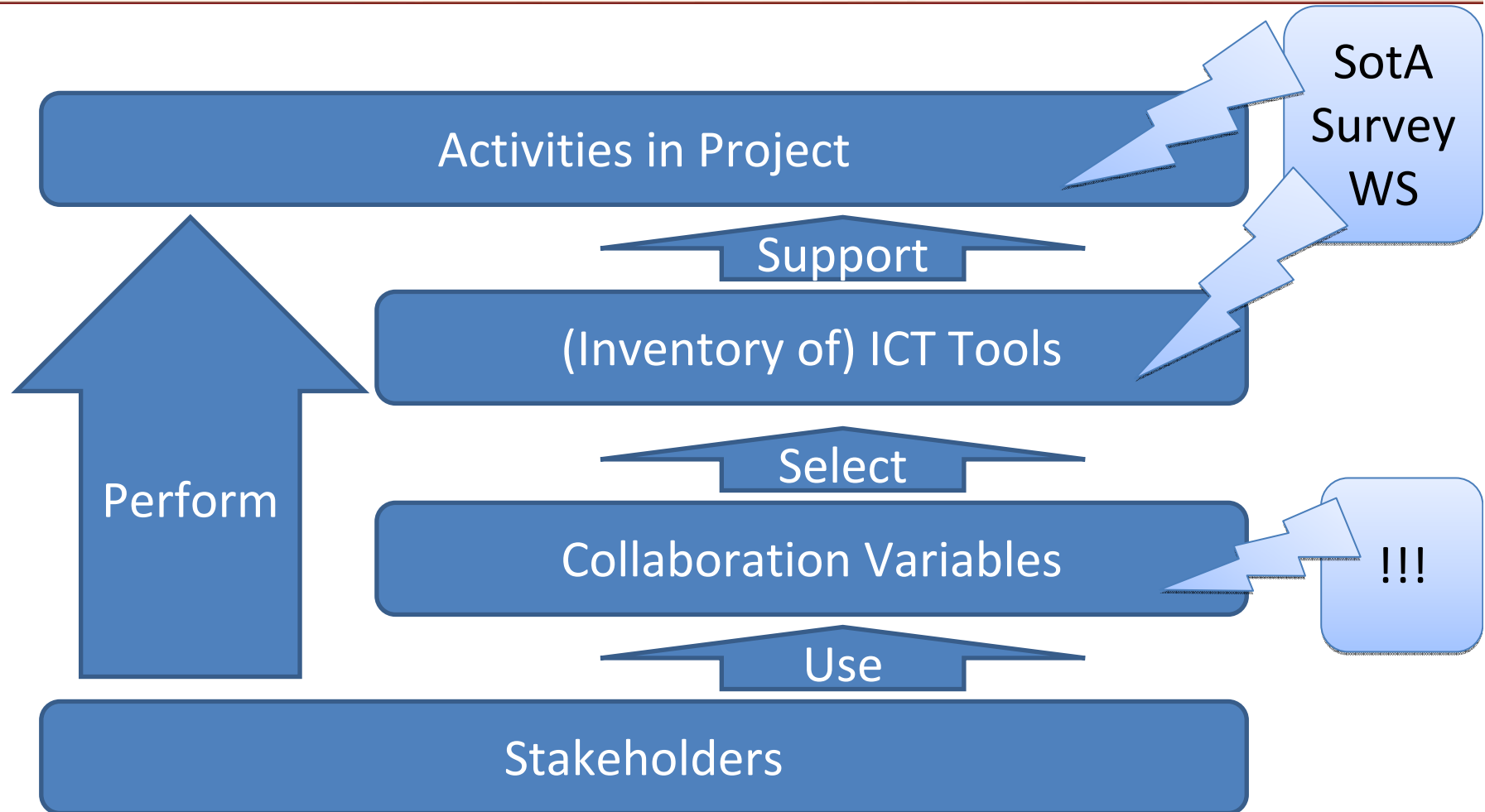
- Interdisciplinary teams for each project
- Different working habits
- Different locations
- Most projects also involve external partners (industry, SMEs, cultural organisations, government, ...)
- High need for close collaboration
 - Need of flexible, configurable, system, low overhead

- Central system and services
 - Being redesigned
 - More flexible
 - Appropriate support and services
 - Reduce configuration effort

**How to quickly and completely identify
collaboration requirements for specific
project?**

How to configure an appropriate set of ICT tools
and services that support collaboration?

- Collaboration Framework
 - Fit in with project proposal writing/project management tasks
 - Limited configuration effort
 - Should take into account the most important **requirements**

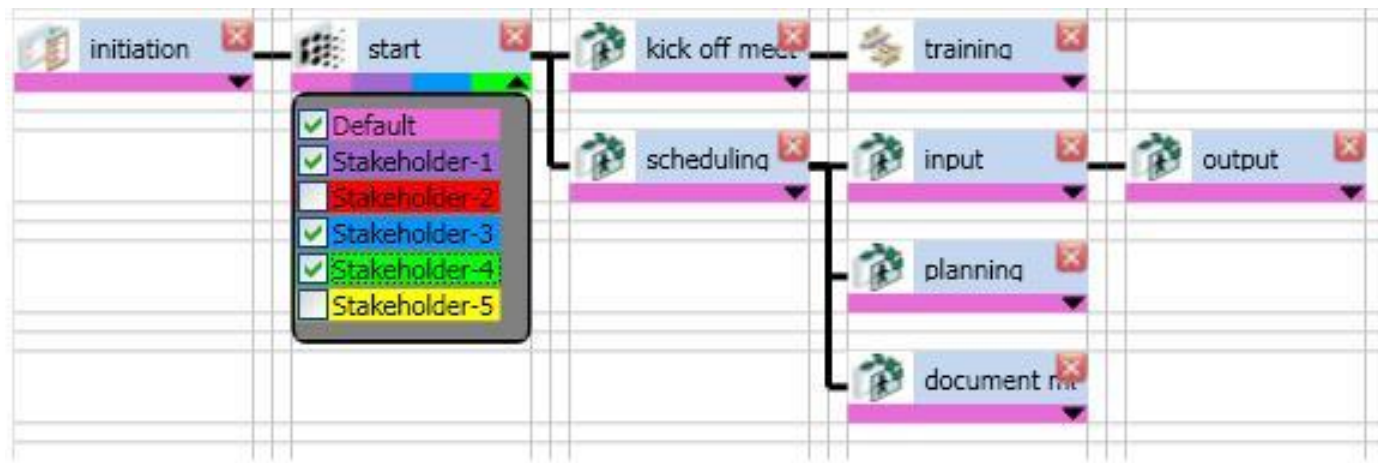


Collaboration Variables

Independent variables	Dependent variables	Context variables
ICT tools	Interoperability	Organization
	Security	Project
	User Interface	Stakeholders
	Platform	
	Ease of use	
	Notification support	

- Dependent and Context Variables can be used as a checklist to make sure that no crucial information is missing when selecting ICT tools.

- Step 1: Specify Stakeholders and activities



- Step 2a (by computer):
select relevant variables/values
(using guidelines, predefined values)
- Step 2b (by stakeholder):
check variables/values

Requirements
specification

- Step 3a (by computer):
propose tool configuration
- Step 3b (by stakeholder):
define tool configuration

Tool selection

- Requirements specification
 - Pre-specified values for dependent variables
 - Preferences for organisation (IBBT, ...)
 - Preferences of groups
 - Individual preferences
 - **Explore variables, appropriate values**

- Interdisciplinary research projects
- Collaboration framework
 - Activities, stakeholders
 - Collaboration variables
- Preliminary work
- Validation needed, Planned

Thanks for your attention!

- Questions?