

CAN WE DO *USEFUL* INDUSTRIAL SOFTWARE ENGINEERING RESEARCH IN THE SHADOW OF LEAN AND AGILE?



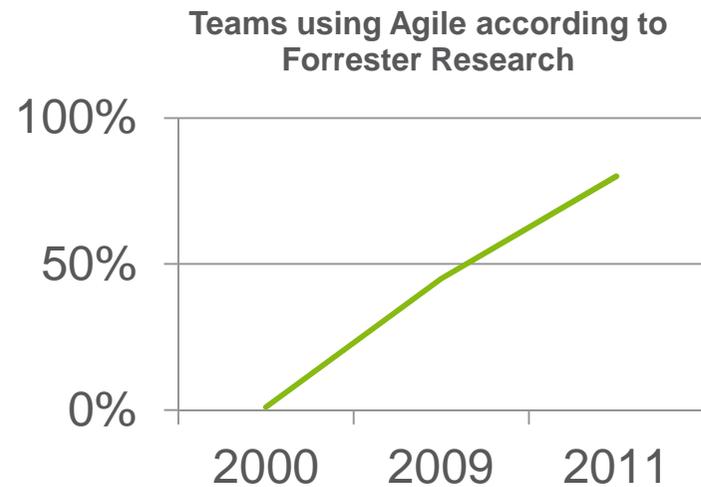
Kristian Wiklund, Sigrid Eldh - Ericsson AB, Sweden

Daniel Sundmark, Kristina Lundqvist, Mälardalen University, Sweden

THE AGILE REVOLUTION



Source: The Economic Times [1]



- Continuous improvement
- Respect for people
- Customer value
- Iterative development
- Cross-functional, self-organizing teams

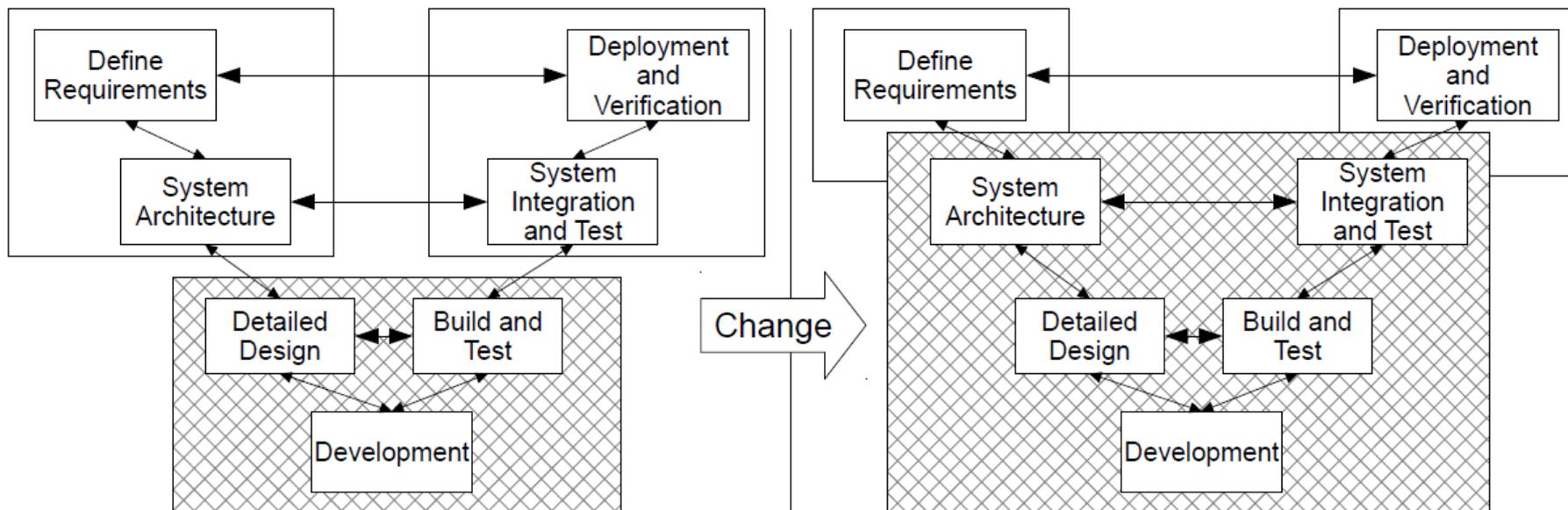
EVERYONE are going for agile methods!



Face 2 Face
- over -
Documents



Remove queues



Queues and hand-overs are eliminated by expanding the team scope.

IMPACT ON RESEARCH



- › Software developers do not enjoy storing data in large systems unless they see immediate benefits for themselves.
- › The consequence will be that there is no more long-term, persistent, easily mineable data!



Minecraft graphics © Mojang AB, Sweden

No more diamonds.

WHAT TO DO



AN OPPORTUNITY TO DO MORE!



One cornerstone in lean and agile development is the willingness to change and improve!

Since you are already “In”, this is a golden opportunity for experiments and action research!

More papers, based on the real world combined with happy developers!



ERICSSON