









Peter Palmér Senior Business Developer Transformation Strategy Transformation Office Scania

peter.palmer@scania.com



Active and interested learner of ways of improving faster and increasing customer value, like lean product development, lean leadership...

- Transformation Office, Scania
- Extensive experience in lean management in both production and product development, as well as experience of leadership in other cultures.
- Frequent speaker at international and national conferences on various topics within LPPD and leadership
- Many years cooperating with LPPDE, current chair
- Co-developed LPD training courses with Chalmers professional education and KTH Royal Institute of Technology





LPPDE North America 2024, Milwaukee October 1-2

Past Events

2008, April 21-23

2009, April 6-8

2010, April 20-22

2010, September 8-9

2011, April 26-29

2011, September 19-22

2012, May 1-3

2013, June 3-5

2013, September 9-11

2014. June 2-4

2014, September 22-24

2015, September 14-16

2016, April 25-28

2016, September 26-28

2017, April 24-27

2017, September 18-21

2018, April 23-26

2018, October 1-4

2019. June 11-13

2019, October 21-24

2020, September 9

2021, May 19-20

2021, October 12-13

2022, May 3-6

2022, October 3-6

2023, April 24-26

2023, October 2-5

2024, May 13-15

2024, September 30 - October 3

Denver, Colorado

Hilton Head, South Carolina

Hilton Head, South Carolina

Södertälje, Sweden

San Diego, California

Gothenburg, Sweden

Indianapolis, Indiana

Amsterdam, Netherlands

Savannah, Georgia

Copenhagen, Denmark

Raleigh, North Carolina

Austin, Texas

Reading, UK

Philadelphia, Pennsylvania

Paris, France

San Jose, California

Paris, France

Columbus, Ohio

Malmö. Sweden

Jekyll Island, Georgia

Helsinki, Finland – Virtual

Helsinki, Finland – Virtual

Newport, Rhode Island – Virtual

Helsinki, Finland

Newport, Rhode Island

Munich, Germany

Ann Arbor, Michigan Stockholm, Sweden

Milwaukee, Wisconsin





















29th!





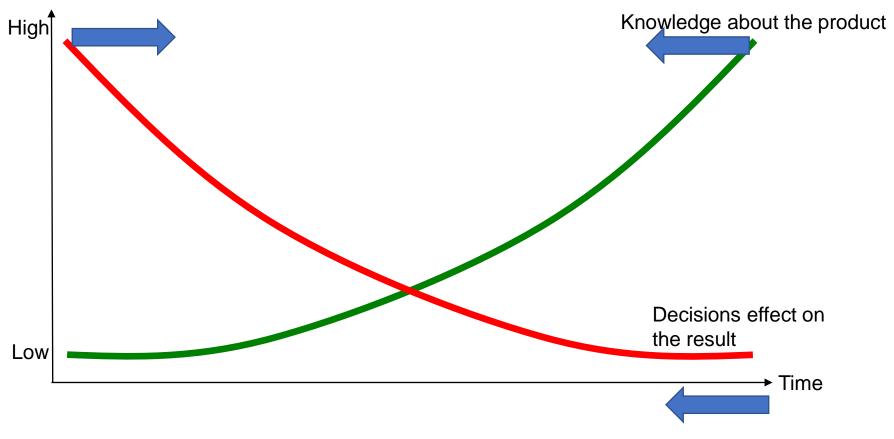
A Journey - Lean Agile Transformation



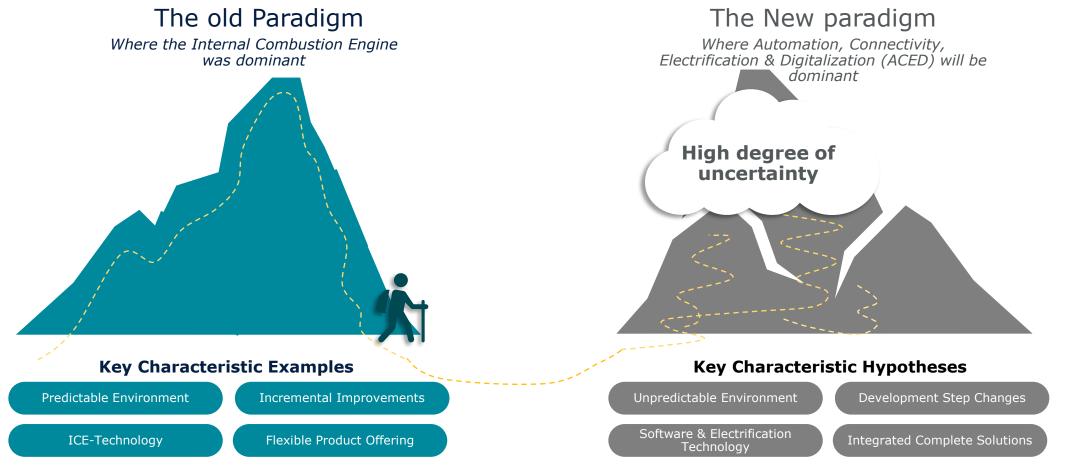
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The designer's dilemma

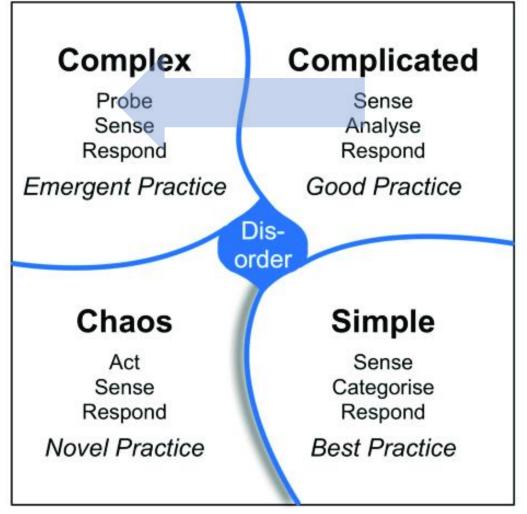


Our industry is currently undergoing the greatest shift since the introduction of the internal combustion engine



Going into the new paradigm, we need learn to better manage uncertainty. And to challenge how we historically have done things, transforming into what makes us fit for the future

Complexity is increasing in Product Development



Manage complexity by

unit (More people

Sense and adjust (vs

Encapsulate

Customer value pull

Cynefin Framework, Dave Snowden (1999)

We are entering one transformation with two complementary journeys



One















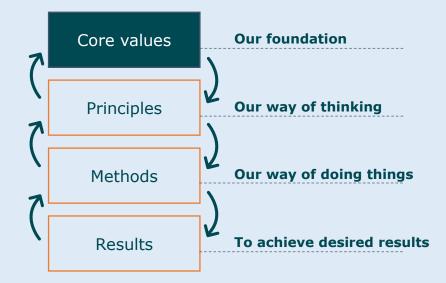


We use our core values and thinking model

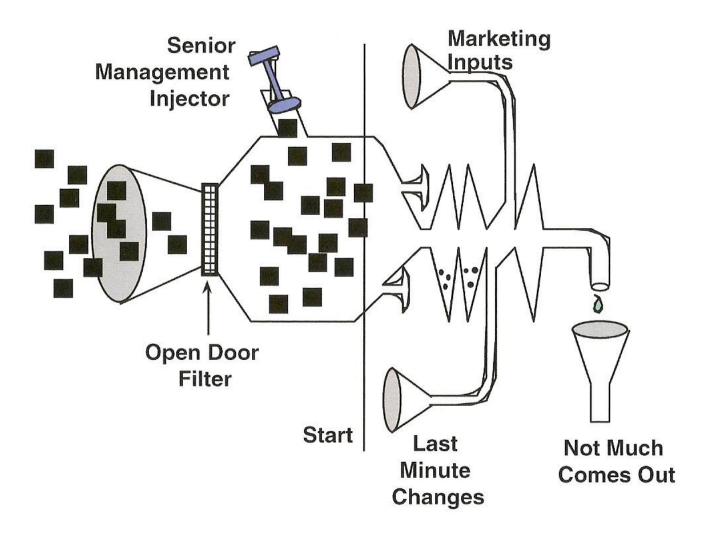
- Common core values -----



Thinking model ————



Start with your current state

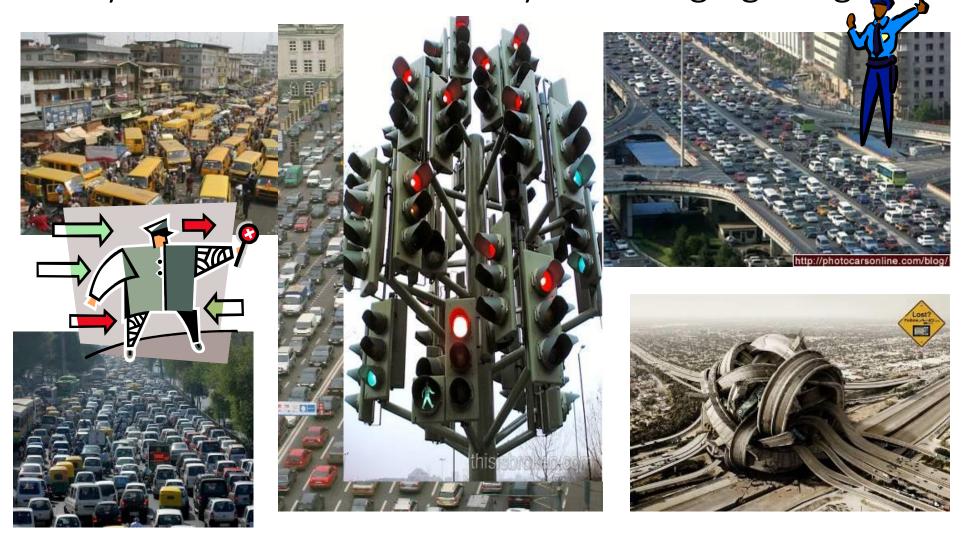


Start with your current state – A typical project management

system



Start with your current state – Are you managing congestion

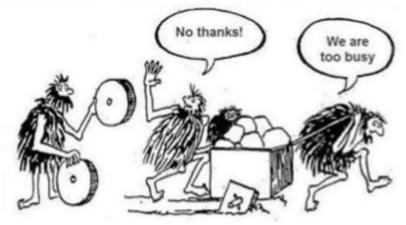


Willingness to change

Don 't focus on who!

WIIFM – Often afraid of a having a personal, worse situation or afraid it won 't work for the company





I am proud of our history and products











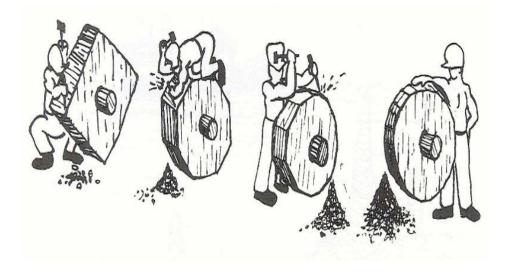
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We are proud but not satisfied!

We always want to improve...

The more we improve, the more potential we

see...



Culture

The Scania spirit

- Continuous Improvements
- Normal abnormal?
- Customer
 - Quality
 - Deliver

Love deviations

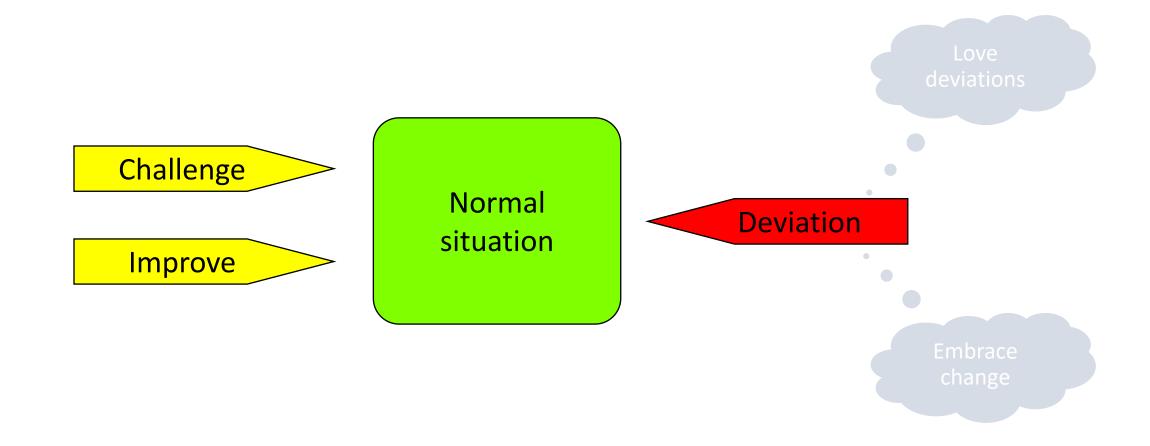






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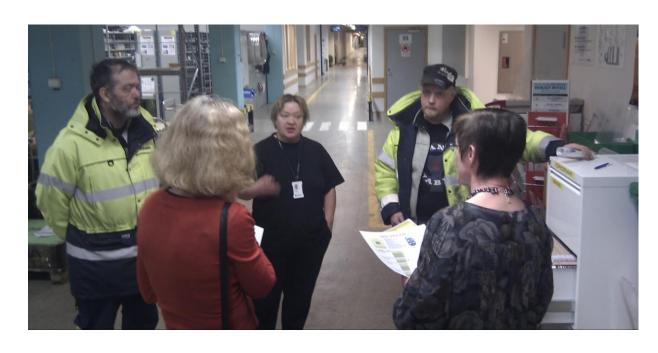
Continuous Improvement



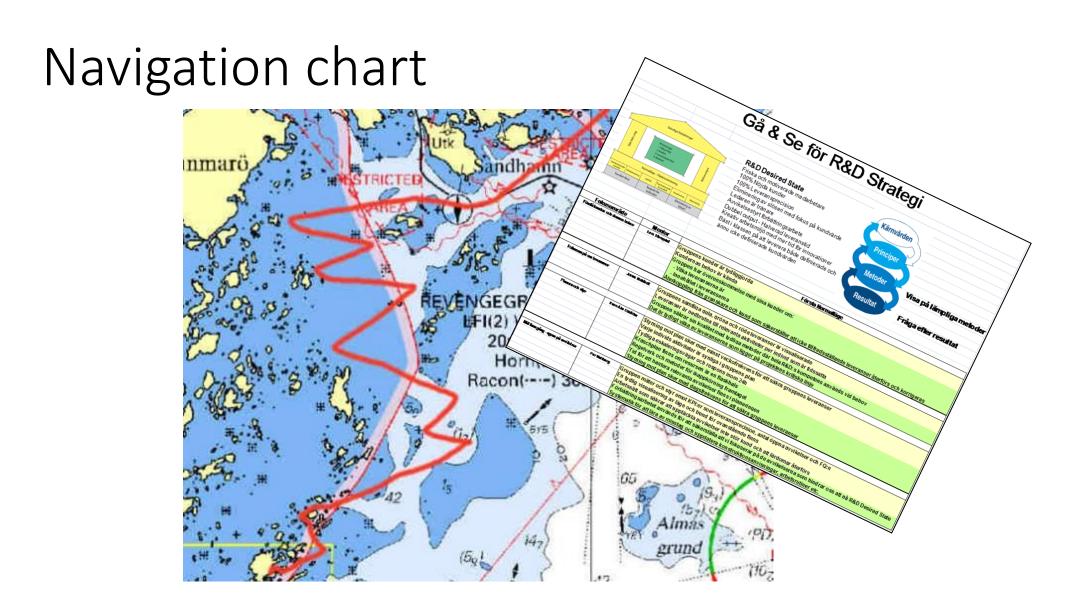
Train and teach – One message



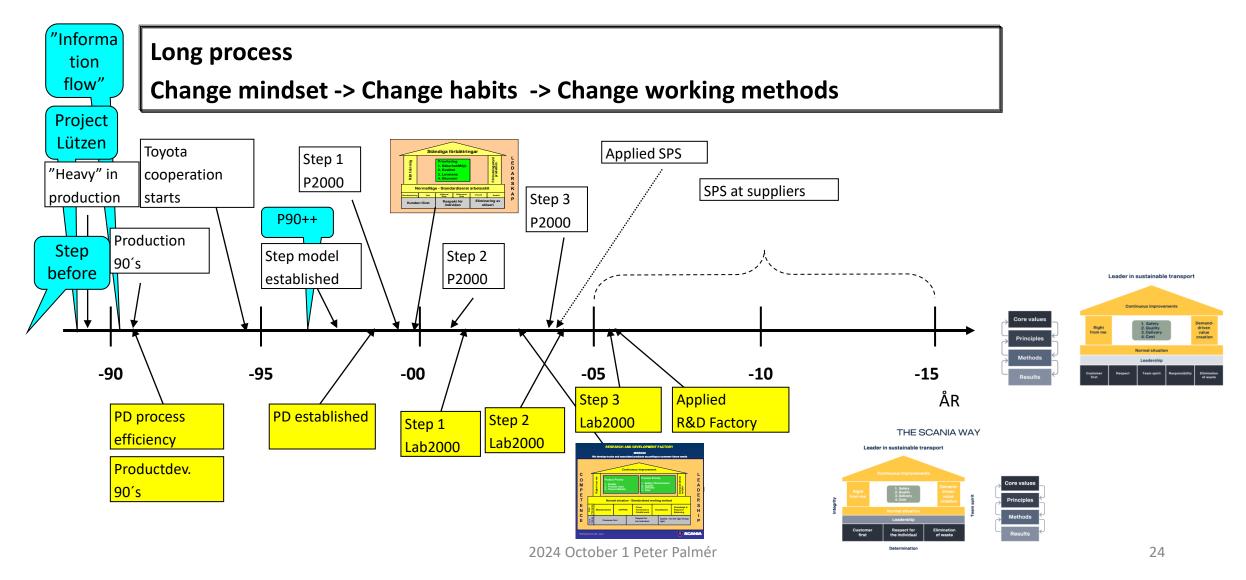
Go and see – Ask questions, listen to the answers







Perspective on improvement work





The theory

...or theories

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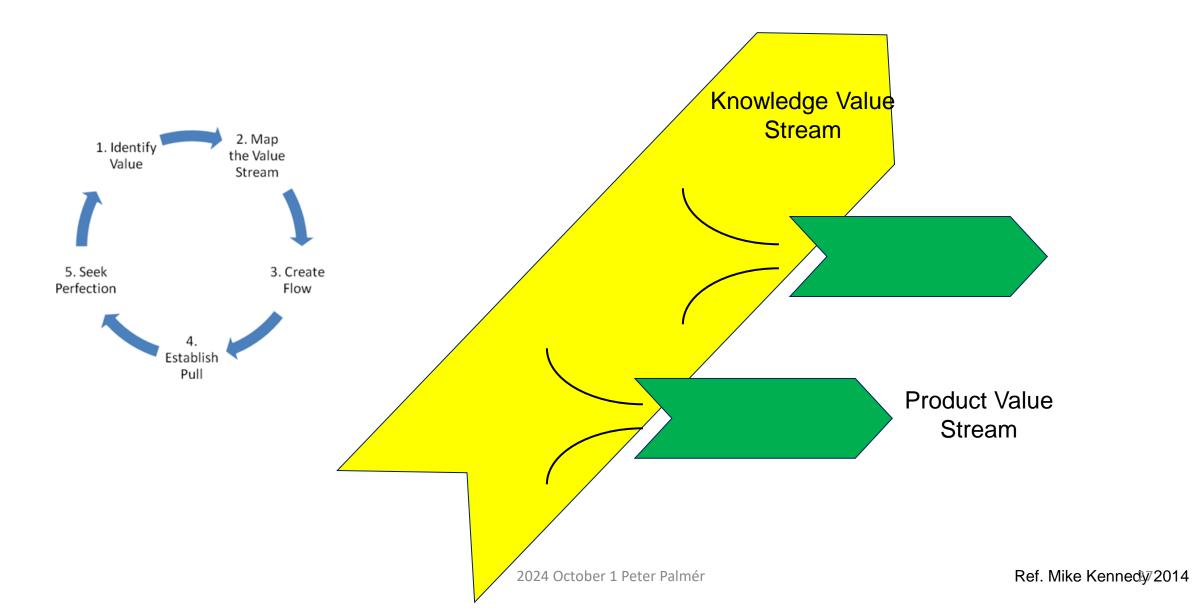


Different schools

- Assure that new products are adapted to Lean Manufacturing
- Apply methods for Lean Manufacturing on PD
- Toyota Product Development System (everything Toyota does is correct and he best)
- Principle based view (new methods are checked against lean product development principles if they are applicable)
- Problem based view (new methods are introduced if needed)
- Good methods (which already exist) are called lean to empathize them more



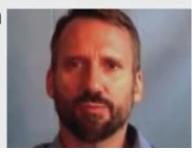






Lean Development Principles

- Focus on creating usable knowledge
 - Eliminate waste
 - Synthesize knowledge into trade-off curve pages
- Lead with entrepreneur system designers
- Create teams of responsible experts
- Practice set-based innovation.
- Create flow
- Visual Management and Planning





Source: Allen Ward

Manifesto for Agile Software Development

We are uncovering better ways of developing software by doing it and helping others do it. Through this work we have come to value:

Individuals and interactions over processes and tools
Working software over comprehensive documentation
Customer collaboration over contract negotiation
Responding to change over following a plan

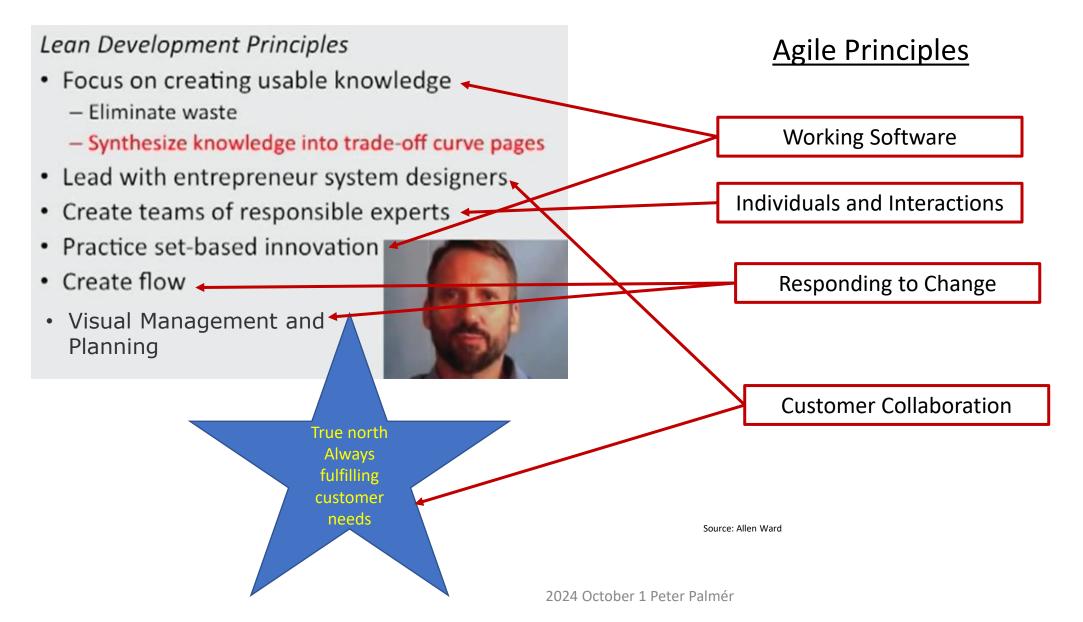
That is, while there is value in the items on the right, we value the items on the left more.

Kent Beck
Mike Beedle
Arie van Bennekum
Alistair Cockburn
Ward Cunningham
Martin Fowler

James Grenning
Jim Highsmith
Andrew Hunt
Ron Jeffries
Jon Kern
Brian Marick

Robert C. Martin Steve Mellor Ken Schwaber Jeff Sutherland Dave Thomas









We need to Transform four capabilities across TRATON to Transform Transportation Together

Speed & Flexibility

Quickly deploy new solutions and strategies while being able to react to changes and adapt as we go

Develop & Deliver solutions

Understand, develop and deliver solutions that fully support the customers' needs

Customer collaboration

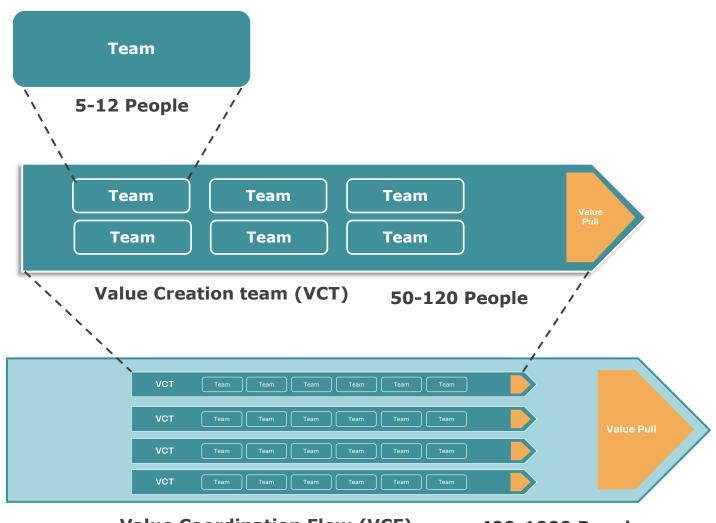
Explore business opportunities and drive the shift in close interaction with the customers

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People engagement

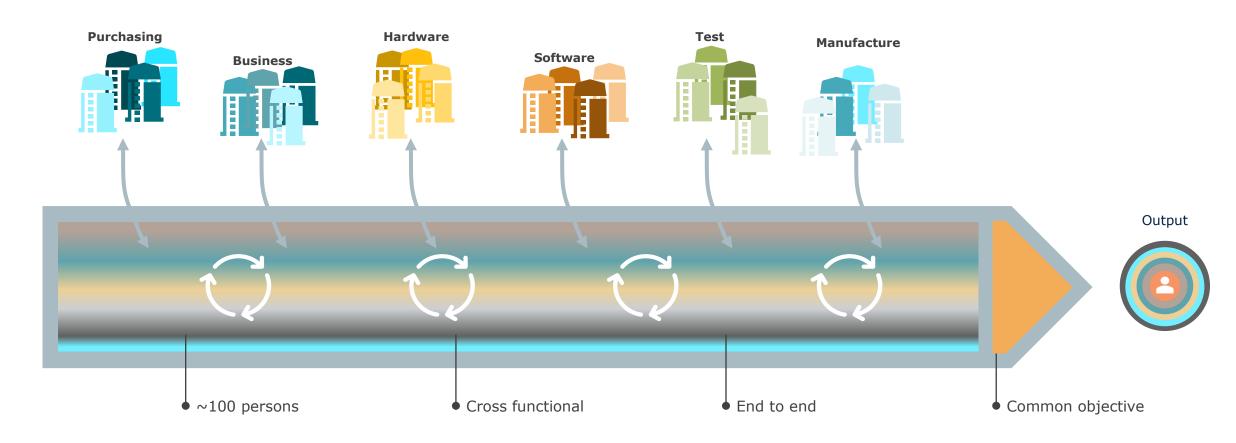
Inspire, empower and unleash the will to drive the shift

With these three layers, we can cross-functionally develop end-to-end solutions of different magnitudes



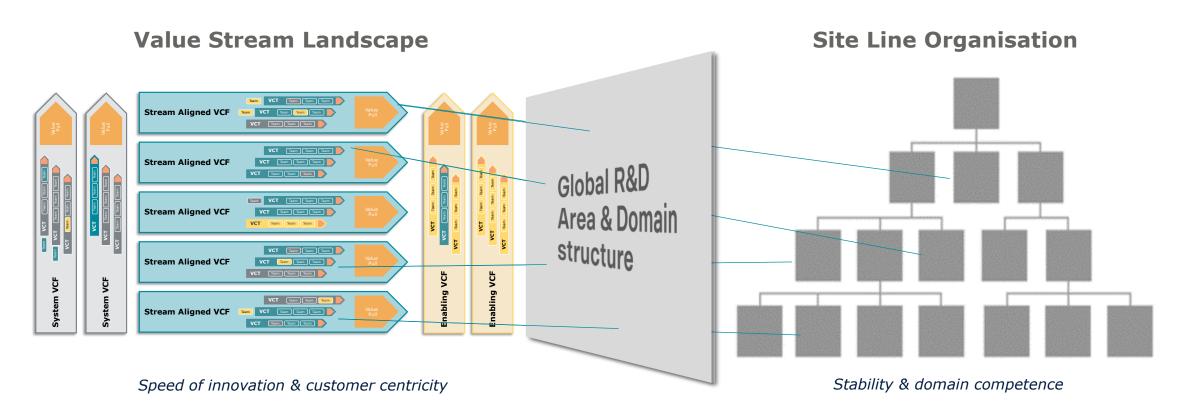
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Instead, start working in value streams, with all necessary competence within the same global flow



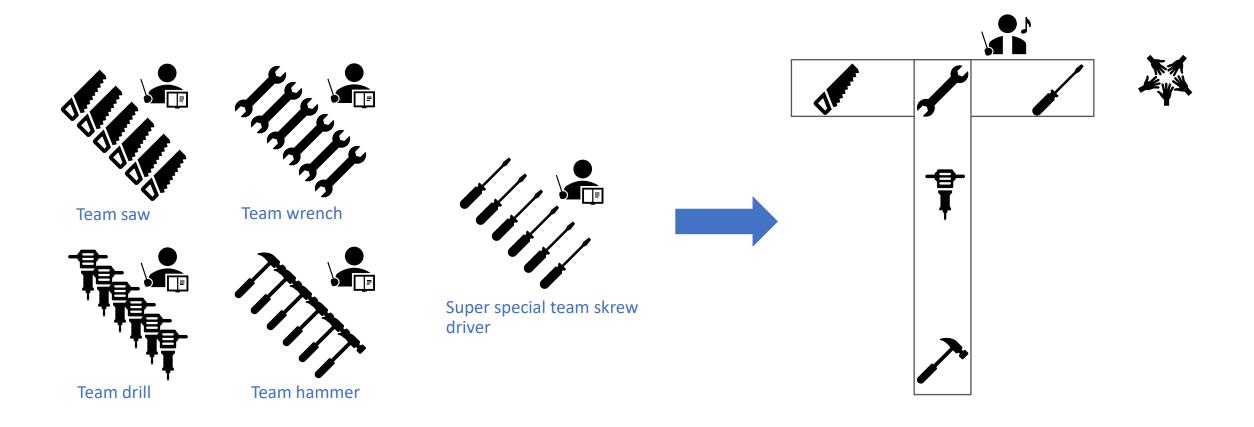
Aiming to create a global flow that is customer centric, organized around value and that delivers value continuously toward a common objective with reduced handovers

We organise work in Value Streams, but enable Flows through a stable line-organisation



- The Value Stream landscape and the functional line have different, but important, roles to fill
- The flow develops solutions. The line develops people.

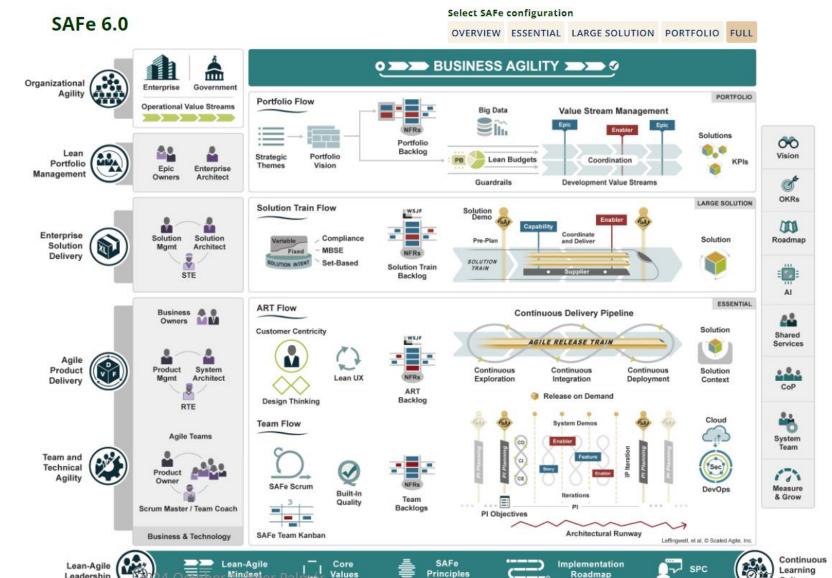
Strive for T-shaped teams and people





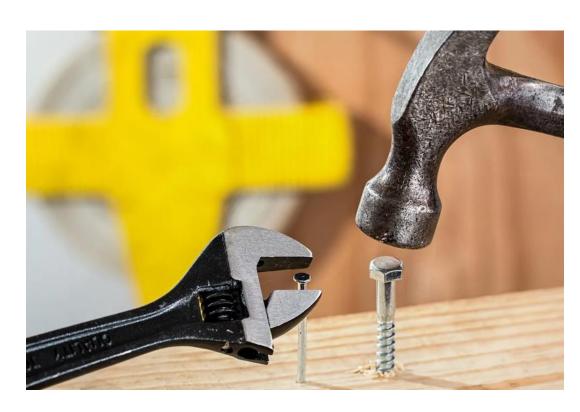
SAFe Framework

Leadership





Which is the best method / tool to use?







Visualization of product development planning

- Visual Planning
- Scrum
- Kanban

Principles:

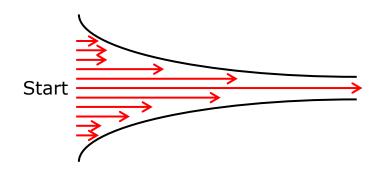
- Work visible
- Prioritize
- Focus on deliveries and workload
- Manage deviations



Knowledge gaps Set-based Concurrent Engineering

Rapid learning cycles MVP Work close to the customer

- Try to come up with as many alternative solutions as you can
- Successively eliminate inferior alternatives
- Make all necessary decisions as late as possible



Flow - Optimize Lead Time and Throughput

Early morning



Mid-day



Late afternoon



Low traffic density

Very fast

Medium traffic density

Reasonable speed

High traffic density

Very slow

Live as you preach



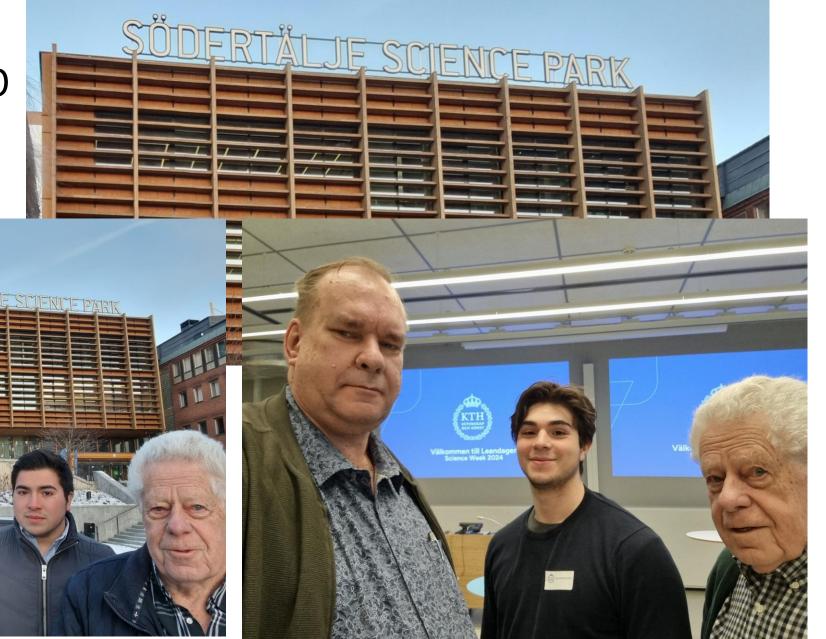








Don't give up





Lean Agile

Lean agile is an including term, meaning we will look at principles and methods that are interesting for us and the problems we need to solve within:

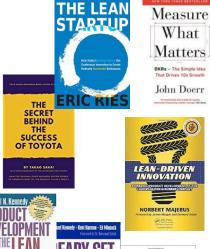
- Agile
- Lean production
- Lean product development
- more















We use books / presentations and write Book-A3s

Success Story: The People Side of Lean Product Development Sarah McCarvill, Otto Bock Healthcare



Every enterprise is different – Find your own way to Transform Innovation for Enterprise Excellence



Your own solution

- Define hypothesis
- Run experiment
- Create pilots
- Learn together
- Share and get feedback

Get inspiration and knowledge





If you keep on doing what you've always done, you will get the same result you've always got.

