Modular training program Agile

Target group Agile teams: *Understanding agile/scrum and what to do in a team.*

Basic:	Module A, Knowing:	Agile and Scrum Foundation (min. 8, max. 24)	1 day
Advice:	Module B, Doing:	Agile Estimating and Planning (min. 8, max. 16)	1 day

Target group Product Owners: *Understanding Agile and what to do as Product Owner.*

Needed:	Module A, Knowing:	Agile and Scrum Foundation (min. 8, max. 24)	1 day
Advice:	Module B, Doing:	Agile Estimating and Planning (min. 8, max. 16)	1 day
Needed:	Module C, Doing:	Product Owner (min. 8, max.16)	1 day

Target group Agile Leaders: *Facilitating agile working as an agile leader.*

Needed:	Module A, Knowing:	Agile and Scrum Foundation (min. 8, max. 24)	1 day
Needed:	Module F, Knowing:	Agile Leadership	1 day

Target group Advanced practices: *Understanding advanced practices.*

Basic:	Module A, Knowing:	Agile and Scrum Foundation (min. 8, max. 24)	1 day
Advice:	Module D, Knowing:	Agile Architecture (min. 8, max. 16)	1 day
Advice:	Module E, Knowing:	Continuous Delivery/DevOps (min. 8, max. 16)	½ day
Advice:	Module G, Knowing:	Scaling, Transitioning, Maturity (min. 8)	½ day

Target group Teams or individuals:

Workshop:	Module H, Doing:	Insight in success factors of your team (max. 10)	½ day
Workshop:	Module I, Doing:	Scrum Certification Preparation (max. 10)	½ day

Results all Agile Trainings

Results all conducted agile trainings	All data	2014	2015	2016	2017					
Module A Agile and Scrum Foundation	All data									
Average appriciation of this module	7,6	7,5	7,6	7,7	7,7	8,1	7,3	6,3	8,8	8,1
Total number of people that followed this module	1183	251	402	435	95					
Module B Agile Estimating and Planning	All data									
Average appriciation of this module	7,7		7,7	7,7	8,0	8,0				
Total number of people that followed this module	289		69	206	14					
Module C Product owner	All data									
Average appriciation of this module	7,7	7,3	7,5	7,8	7,3	7,3	7,4			
Total number of people that followed this module	316	87	99	110	20					
Module D Agile Architecture	All data									
Average appriciation of this module	7,0		6,9	7,1	7,2	7,2				
Total number of people that followed this module	33		6	19	8					
Module E Continuous Delivery/DevOps	All data									
Average appriciation of this module	7,3		7,0	7,6	7,9	7,9				
Total number of people that followed this module	47		17	22	8					
Module F Leadership	All data									
Average appriciation of this module	7,5		7,3	7,7	0,0					
Total number of people that followed this module	54		24	30	0					
Module G Scaling, Transitioning, Maturity	All data									
Average appriciation of this module	7,5			7,5	7,8	7,8				
Total number of people that followed this module	42			35	7					

Learning objectives A: Agile and Scrum Foundation

Target group **Agile teams**: *Understanding agile/scrum and knowing what to do in a team*

Agile

Module A, part 1, know:
What is the waterfall way of working?

Why we can do better?

What is Agile and what are agile methods?

What are the advantages Agile ways of working?

What is the biggest change?

What are buzzwords in the Agile world?

Scrum

Module A, part 2, know:
What is this Scrum thing?

What is the origin of Scrum?

What does the Scrum framework look like and who uses it?

What are the Scrum roles/events and artifacts?

How do you compose teams? (basic level)

How do you scale up teams? (basic level)

Promises and pitfalls of Agile ways.

Learning objectives B: Agile estimating and planning

Target group Agile teams: *Agile estimating and planning with or multiple teams.*

Estimating

Module B, part 1, doing:

- Why is estimating so hard?
- Estimate size , you can derive time.
- How you measure size (traditional and agile)?
- What are advantages of story points?
- How to estimate in story points?
- How to reduce uncertainty with velocity?

Planning

Module B, part 2, doing:

- Risk reduction at planning
- How to cope with fixed date
- How to cope with fixed scope, or both
- What are basic building blocks for planning?
- How to let this grow to an organizational level
- How can release trains help with that?
- How to coordinate this with a lot of teams?

Learning objectives C: What do you do as PO?

Target group Product Owners: *The challenges of being a Product Owner.*

Role of the Product Owner

Module C, part 1, doing: **What is the minimum start to begin with?**

How do you sell your vision, and treat your stake-holders?

How to reach your result and let that grow?

What do you have to do as PO?

How to make User Stories?

Which features do you deliver?

Users and releases

Module C, part 2, doing: **How to make releases with a Story Map?**

Which problem do you need to solve?

How to define tasks (and at the right level)?

How do you find your users?

How can Customer Experience (CX) and Persona's help you?

How to work with a Product Team (and a Dev Team)?

How to cope with greenfield/brownfield situations?

Learning objectives D: Agile Architecture

Target group **Agile Architects**: *A different way of making architecture.*

From current Architecture

Module D, part 1, know:
- Which architectures do you know now?
- Which artifacts do these have?
- Our current environment
- What is different in an agile environment?
- From control to trust
- Architecture, design and features
- The role of system architect in SAFe

To Agile Architecture
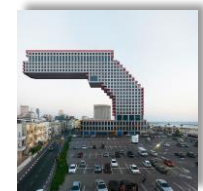
Module D, part 2, know:
- Reinforcing trends
- From Monolith to Microservices
- characteristics of Microservices
- Conditions for Microservices
- Casus Spotify
- Example Twitter

Learning objectives E: Continuous Delivery/DevOps

Target group DevOps teams: *Aimed at understanding the concepts of SI, CI, CD and DevOps.*

Continuous Integration

Module E, part 1, Knowing:

What is the importance of IT in an organization?

What is the relation between Agile and DevOps?

How is it organized right now?

Wat is System Integration and Continuous Integration?

How to organize CI?

Continuous Delivery

Module E, part 2, Knowing:

What is DevOps?

What are characteristics and its history?

The relation between DevOps and Cloud Computing

Culture change caused by DevOps?

How to organize we DevOps?

How to create an Continuous Delivery environment/pipeline?

What are reinforcing trends, microservices and containers?

How to relate DevOps and resilient IT?

Learning objectives module F: Agile Leadership

Target group Agile Leaders: *Aimed at leading Agile journeys.*

Role Agile leader

Module F, part 1, know:

A brief introduction to the history of leadership (1908- ...)

Traditional and Agile leadership

What is the role of the manager in Scrum?

Which leadership style best fits Agile?

Collaboration leaders and teams?

Successful teams!

Module F, part 2, know:

Why is culture so dominant?

How do Agile and Lean connect?

Which circumstances can you influence?

What is success and how do you measure this?

Do less rules help you?

Promises and pitfalls of Agile

Nelson Mandela
1918-2013

Learning objectives G: Scaling, Transitioning and Maturity

Target group Agile Leaders: *Scaling and transitioning towards Agile organizations.*

Scaling

Module G, part 1, know:

To scale up or not, that is the question

What is the baseline for scaling up?

In which ways can you scale up?

Four ways marked: Scrum of scrums, SAFe, LeSS and …

Case study: Spotify

What is the role of architecture and DevOps @ Spotify?

Transitioning and Agile maturity?

Module G, part 2, know:

What does an Agile transition look like?

Which problems will arise?

Which change approach can you apply and some examples

Which principles can be useful?

How does maturity look like in teams?

How to reach maturity at organizational level?

Workshop module H: Successful teams

Target group Teams: *Workshop aimed at creating successful teams.*

Which insight?

Module H, part 1, know:

What's your point of view?

What are impediments in teams?

Insight in the over and in the under tow

Which success factors play a role?

Which tool are we using for this?

Example of a success factor scan?

What do we do?

Module H, part 2, doing:

What are possible interventions?

How to determine these?

Insight from abstract to concrete

How is the relation with other teams?

What are success markers?

What are your drivers and insight with Mindsonar