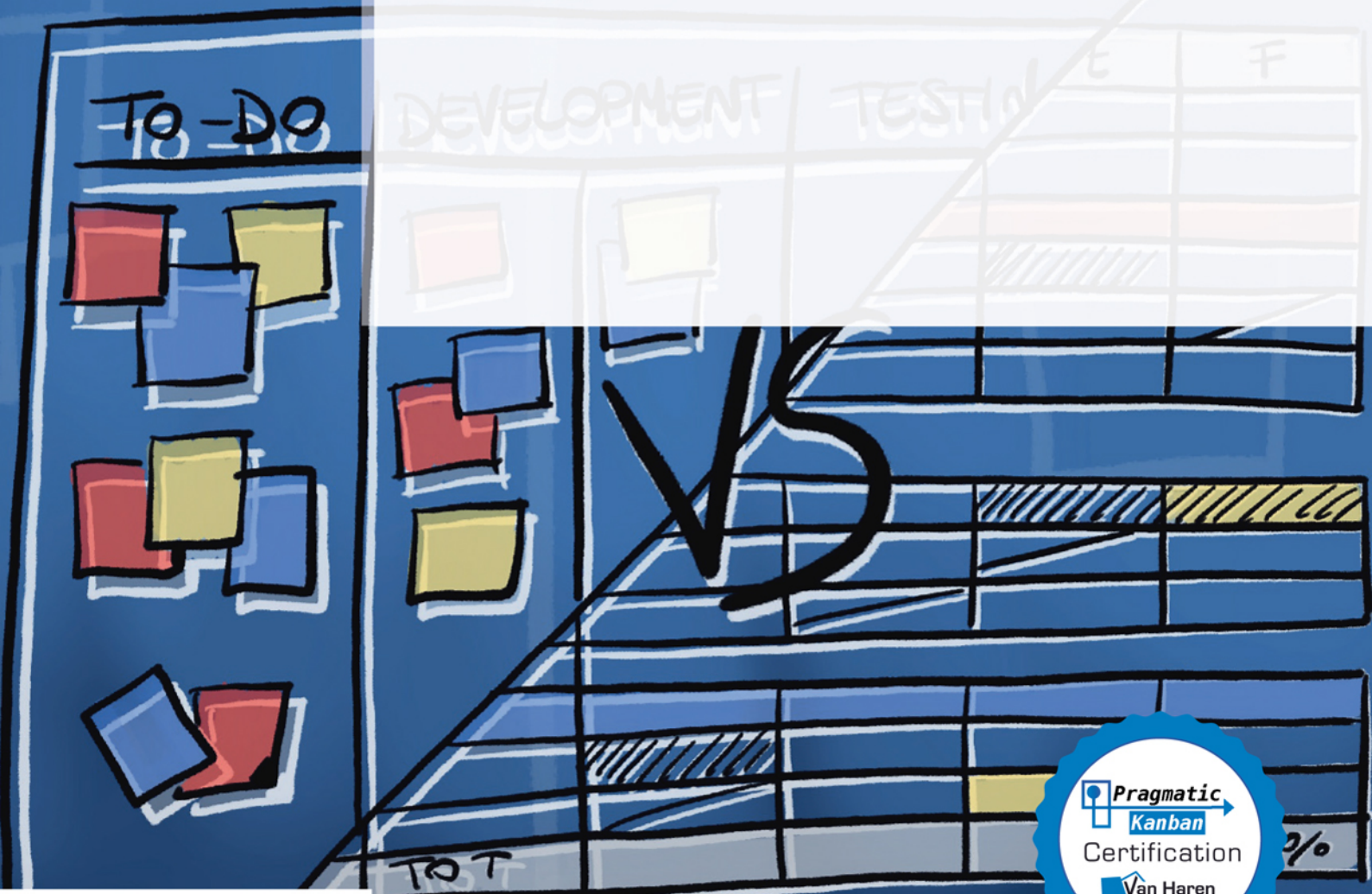


COURSEWARE

Kanban Foundation Courseware

English



Pragmatic Kanban Foundation
Courseware - English

Colophon

Title: Pragmatic Kanban Foundation Courseware - English

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Publisher about the Courseware

The Courseware was created by experts from the industry who served as the author(s) for this publication. The input for the material is based on existing publications and the experience and expertise of the author(s). The material has been revised by trainers who also have experience working with the material. Close attention was also paid to the key learning points to ensure what needs to be mastered.

The objective of the courseware is to provide maximum support to the trainer and to the student, during his or her training. The material has a modular structure and according to the author(s) has the highest success rate should the student opt for examination. The Courseware is also accredited for this reason, wherever applicable.

In order to satisfy the requirements for accreditation the material must meet certain quality standards. The structure, the use of certain terms, diagrams and references are all part of this accreditation. Additionally, the material must be made available to each student in order to obtain full accreditation. To optimally support the trainer and the participant of the training assignments, practice exams and results are provided with the material.

Direct reference to advised literature is also regularly covered in the sheets so that students can find additional information concerning a particular topic. The decision to leave out notes pages from the Courseware was to encourage students to take notes throughout the material.

Although the courseware is complete, the possibility that the trainer deviates from the structure of the sheets or chooses to not refer to all the sheets or commands does exist. The student always has the possibility to cover these topics and go through them on their own time. It is recommended to follow the structure of the courseware and publications for maximum exam preparation.

The courseware and the recommended literature are the perfect combination to learn and understand the theory.

-- Van Haren Publishing

Other publications by Van Haren Publishing

Van Haren Publishing (VHP) specializes in titles on Best Practices, methods and standards within four domains:

- IT and IT Management
- Architecture (Enterprise and IT)
- Business Management and
- Project Management

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Topics are (per domain):

IT and IT Management

ABC of ICT
ASL®
CMMI®
COBIT®
e-CF
ISO/IEC 20000
ISO/IEC 27001/27002
ISPL
IT4IT®
IT-CMF™
IT Service CMM
ITIL®
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MSF
SABSA
SAF
SIAM™
TRIM
VeriSM™

Enterprise Architecture

ArchiMate®
GEA®
Novius Architectuur
Methode
TOGAF®

Business Management

BABOK® Guide
BiSL® and BiSL® Next
BRMBOK™
BTF
CATS CM®
EFQM
eSCM
IACCM
ISA-95
ISO 9000/9001
OPBOK
SixSigma
SOX
SqEME®

Project Management

A4-Projectmanagement
DSDM/Atern
ICB / NCB
ISO 21500
MINCE®
M_o_R®
MSP®
P3O®
PMBOK® Guide
Praxis®
PRINCE2®

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Table of content

	--- Slide number	--- Page number
Reflection		7
Class objectives		9
Agenda		10
Course outline and objectives	(2)	11
1. Introduction	(10)	15
1.1 Lean, Agile	(12)	16
1.2 Kanban: history, principles and practices	(24)	22
1.3 Experiencing Kanban	(43)	31
1.4 Dynamics and behaviours	(45)	32
1.5 Measuring for success	(54)	37
1.6 Experiencing Kanban	(59)	39
2. Visualizing your work with Kanban	(63)	41
2.1 Visualisation	(65)	42
2.2 Identifying the work	(73)	46
2.3 Experiencing Kanban	(75)	47
2.4 Using a Kanban board	(81)	50
2.5 Kanban board designs	(88)	54
2.6 Dealing with special types of work	(95)	57
2.7 Experiencing Kanban	(98)	59
3. Meetings, events and cadences	(102)	61
3.1 Introduction	(104)	62
3.2 Experiencing Kanban	(109)	64
4. Improving Flow	(114)	67
4.1 Introduction	(116)	68
4.2 Finding opportunities for improvement	(122)	71
4.3 Manage bottlenecks	(131)	75
4.4 Solving impediments	(135)	77
4.5 Experiencing Kanban	(138)	79
5. Metrics and incremental improvements	(144)	82
5.1 Introduction	(146)	83
5.2 Experiencing Kanban	(153)	86

6. Predictable delivery	(165)	92
6.1 Predictable delivery	(167)	93
6.2 Time to market and delivery speed	(169)	94
6.3 Forecasting and planning	(174)	97
6.4 Experiencing Kanban	(180)	100
7. Scaling Lean/Agile delivery with Kanban	(184)	102
7.1 Introduction	(186)	103
7.2 Experiencing Kanban	(190)	105
Course summary and wrap up	(194)	107
Pragmatic Kanban Foundation Case	(198)	109
Pragmatic Kanban Foundation Practice Exam		118
Pragmatic Kanban Foundation Practice Exam - Rational		124
Syllabus		128

Self-Reflection of understanding Diagram

‘What you do not measure, you cannot control.’ – Tom Peters

Fill in this diagram to self-evaluate your understanding of the material. This is an evaluation of how well you know the material and how well you understand it. In order to pass the exam successfully you should be aiming to reach the higher end of Level 3. If you really want to become a pro, then you should be aiming for Level 4. Your overall level of understanding will naturally follow the learning curve. So, it’s important to keep track of where you are at each point of the training and address any areas of difficulty.

Based on where you are within the Self-Reflection of Understanding diagram you can evaluate the progress of your own training.

<i>Level of Understanding</i>	<i>Before Training (Pre-knowledge)</i>	<i>Training Part 1 (1st Half)</i>	<i>Training Part 2 (2nd Half)</i>	<i>After studying / reading the book</i>	<i>After exercises and the Practice exam</i>
<i>Level 4 I can explain the content and apply it .</i>					
<i>Level 3 I get it! I am right where I am supposed to be.</i>					Ready for the exam!
<i>Level 2 I almost have it but could use more practice.</i>					
<i>Level 1 I am learning but don’t quite get it yet.</i>					

(Self-Reflection of Understanding Diagram)

Write down the problem areas that you are still having difficulty with so that you can consolidate them yourself, or with your trainer. After you have had a look at these, then you should evaluate to see if you now have a better understanding of where you actually are on the learning curve.

Troubleshooting

Problem areas:

Topic:

Part 1

Part 2

You have gone
through the book
and studied.

You have answered
the questions and
done the practice
exam.

Class objectives

Foundation:

Attendees:

- can work in a team that has adopted Kanban as a method for work delivery
- understand foundational Lean/Agile principles on which Kanban was developed
- can visualize their process and work on using a Kanban board
- are able to leverage Kanban to manage priorities, conflicts and opportunities in their work delivery process

Practitioner (all objectives in Foundation, and):

Attendees:

- can identify opportunities for improvement in their process
- can identify opportunities for radically improving time to market
- understand role-based scenarios when practicing Kanban
- understand how Kanban principles and practices can be applied with other methods (i.e. Scrum)
- can analyze and interpret data generated by their process and take action accordingly in order to improve delivery
- understand how to predictably forecast work and manage stakeholder expectations

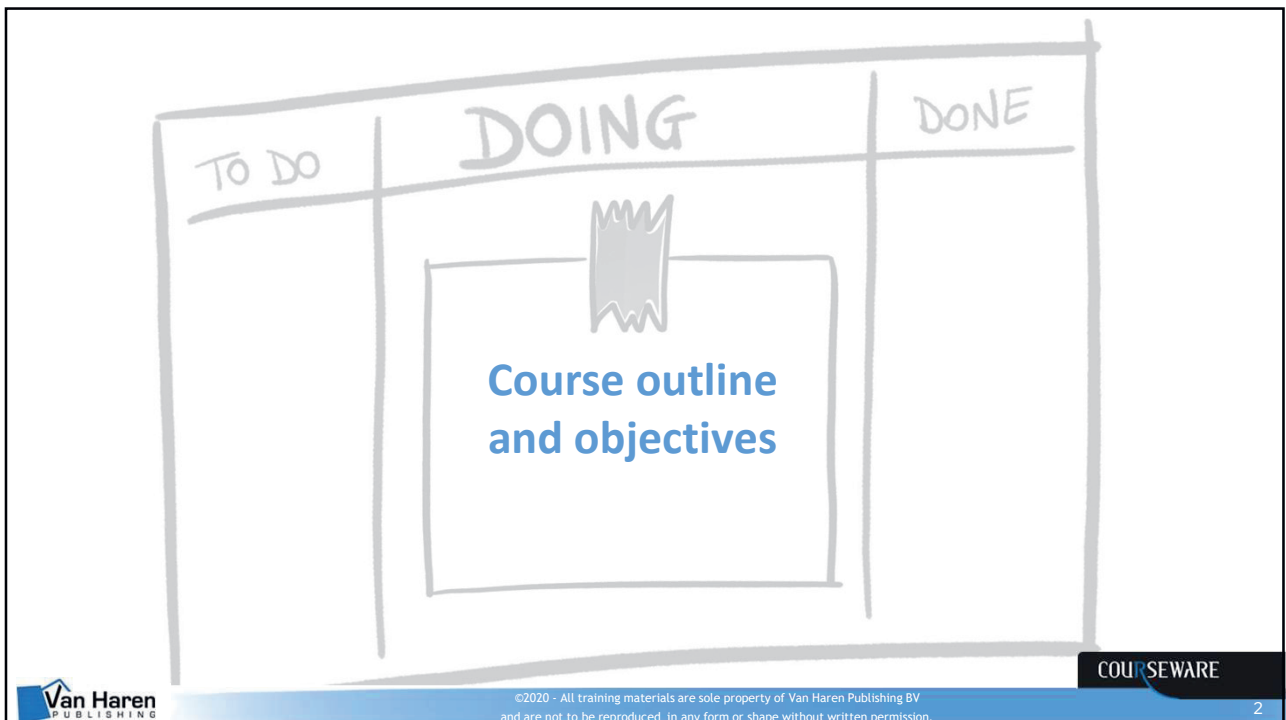
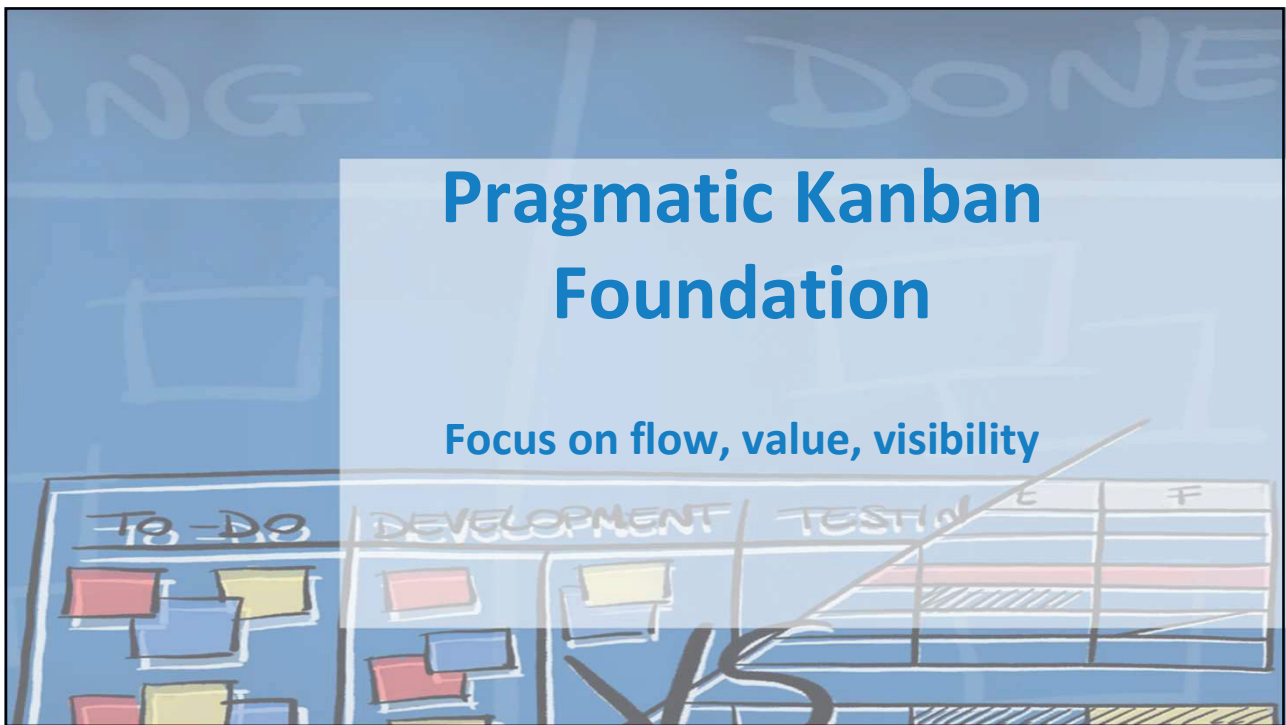
Agenda

Day 1

- 09.00 *Welcome & Introductions*
- 09.30 Introduction to Kanban
Lean, Agile & Kanban
- How do they relate and contrast?
- Kanban history, principles and practices
Experiencing Kanban
- 11.00 *Break*
- 11.15 Team dynamics and behaviors
Measuring for success
- 12.00 Visualizing your work with Kanban
Analyzing work
- 12.30 *Lunch*
- 13.00 Visualizing your work with Kanban (continued)
Using a Kanban board
- 14.30 *Break*
- 14.45 Kanban board designs
Recurring work and repeating activities
Dealing with ad hoc work
- 16.00 Meetings, events and cadences
- 17.00 *End of day 1*

Day 2

- 09.00 *Recap and questions from day 1*
- 09.30 Improving Flow
- Understanding bottlenecks
- Blockers and process exceptions
Finding opportunities for improvement
- 11.00 *Break*
- 11.15 Predictable service delivery
Understanding time to market and delivery speed
Forecasting and planning
Managing stakeholders with SLAs
- 12.30 *Lunch*
- 13.00 Predictable service delivery (continued)
- 14.00 Metrics and incremental improvements
- 14.45 *Break*
- 15.00 Scaling Lean/Agile delivery with Kanban
- 16.00 Wrap up and misc. topics
- 17.00 *End of day 2*



Course design

This course is designed to be interactive, practical and based on real life examples

We will use a case throughout the training that is created from years of experiences with teams and organizations. It captures common patterns, problems and dynamics that we will use to apply the theory and bring the materials to life.

Course outline

1. Introduction to Kanban
2. Visualizing your work with Kanban
3. Meetings events and cadences
4. Improving flow
5. Metrics and incremental improvements
6. Predictable service delivery
7. Scaling Lean/Agile delivery with Kanban

Course objectives

At the end of this class an attendee:

- can work in a team that has adopted Kanban as a method for work delivery in a knowledge work environment
- understand how Kanban principles and practices are applied for faster, more predictable delivery
- understand foundational Lean/Agile principles on which Kanban was developed
- can visualize their process, work, policies so the team can organize around it
- can identify opportunities for improvement in their process
- understand prioritization and forecasting mechanisms for predictable delivery
- can identify opportunities for radically improving time to market
- understand role-based scenarios when practicing Kanban
- understand how Kanban principles and practices can be applied with other methods (i.e. Scrum)
- can analyze and interpret data generated by their process and take action accordingly in order to improve delivery

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5

About the certification

Pragmatic Kanban Foundation Certification

- By **Pragmatic Learning**
- A **Pragmatic approach** and usage of Kanban
 - Applying theoretical **and practise**
 - **Adaptable by all** industries and participation levels
- Based on the '**Certify to Inspire**' program from the Agile Consortium



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6

About the exam

- ⦿ **Independent**
- ⦿ **Online** examination (Any-where & Any-time)
- ⦿ **Optional** as part of the training
- ⦿ **40 questions** in 45 minutes
- ⦿ Passing rate **70%**
- ⦿ **One try** per exam voucher

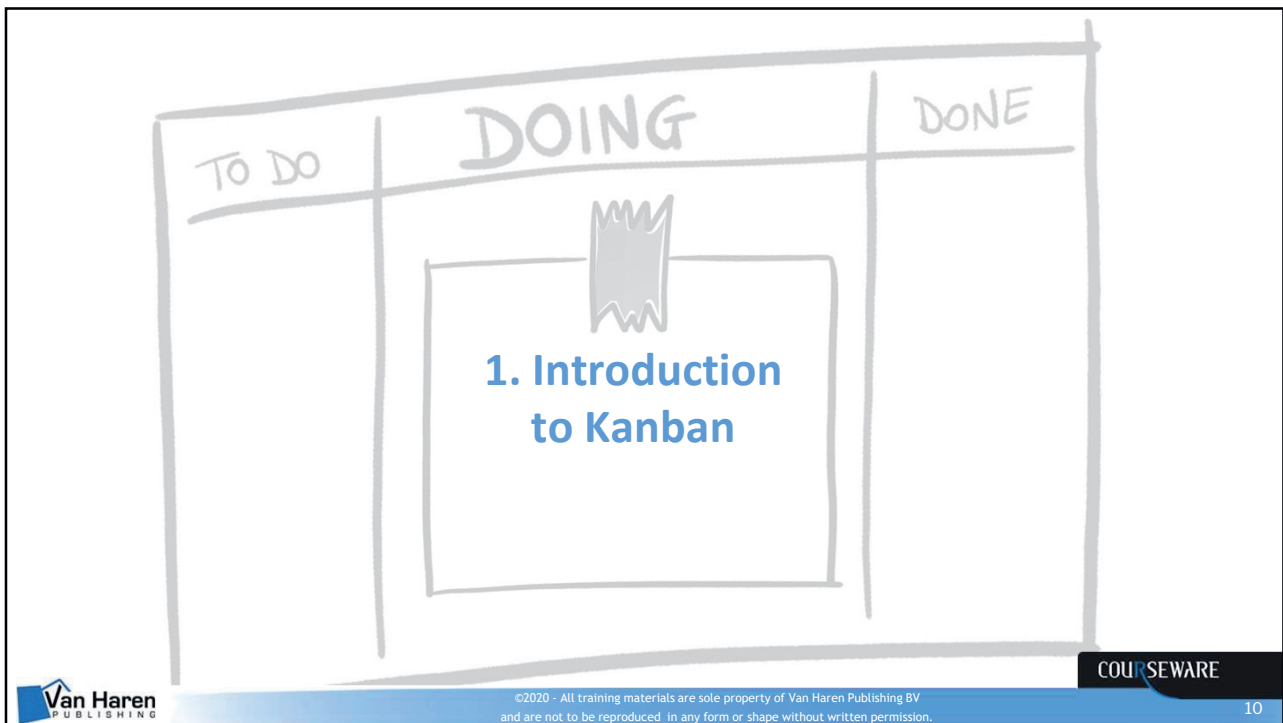


Your learning objectives

Write down 3 learning goals you have for this course.

Tip: Try to make them as concrete as possible i.e.: *In order to achieve [A] I want to understand [Y]*

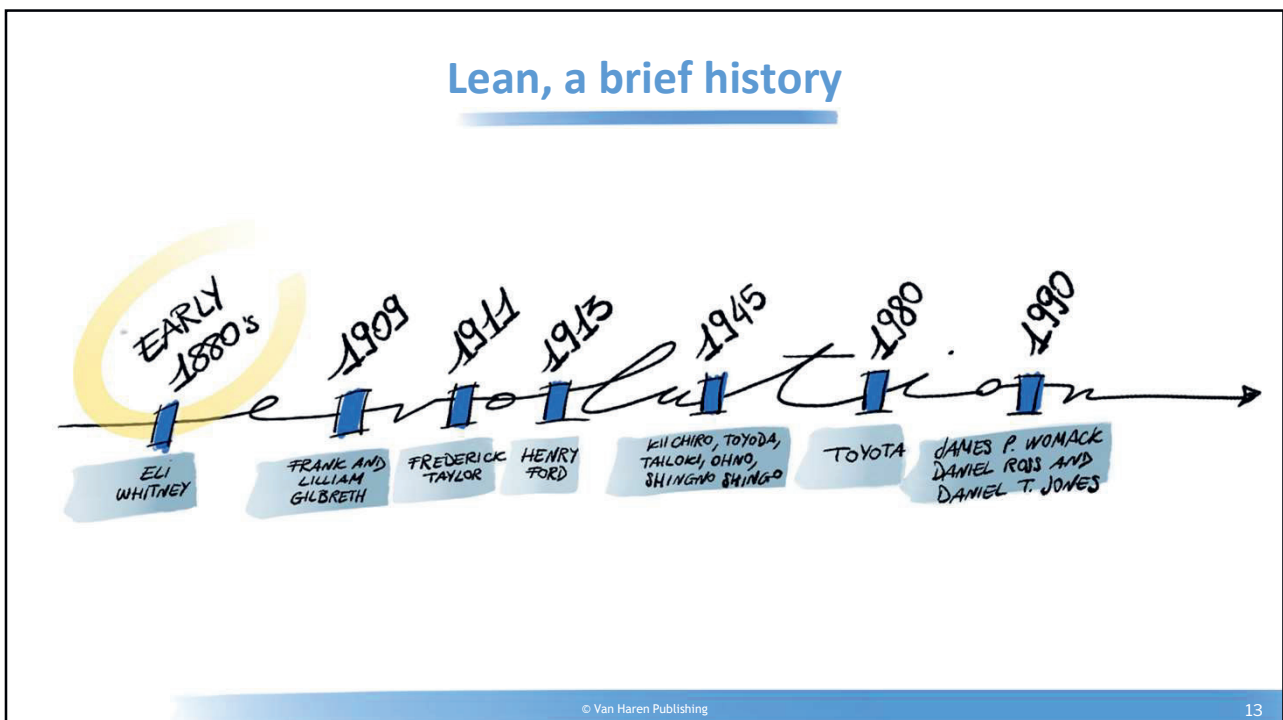
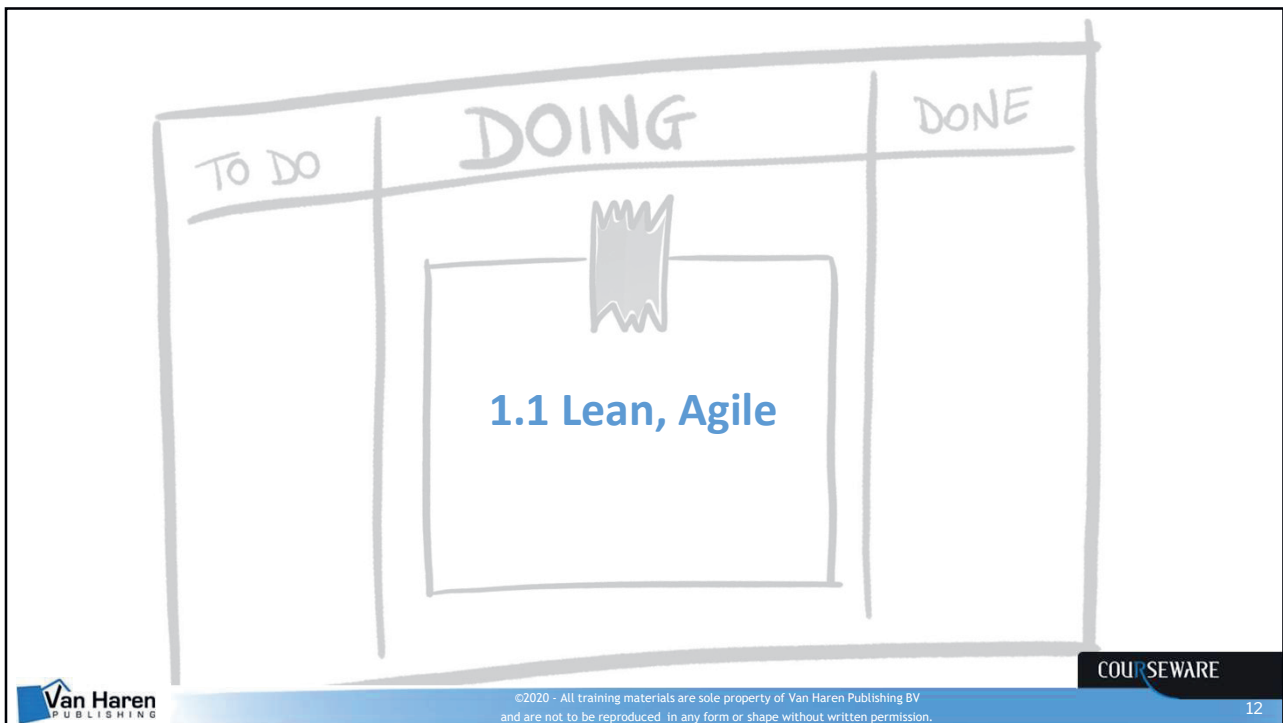
1. _____
2. _____
3. _____



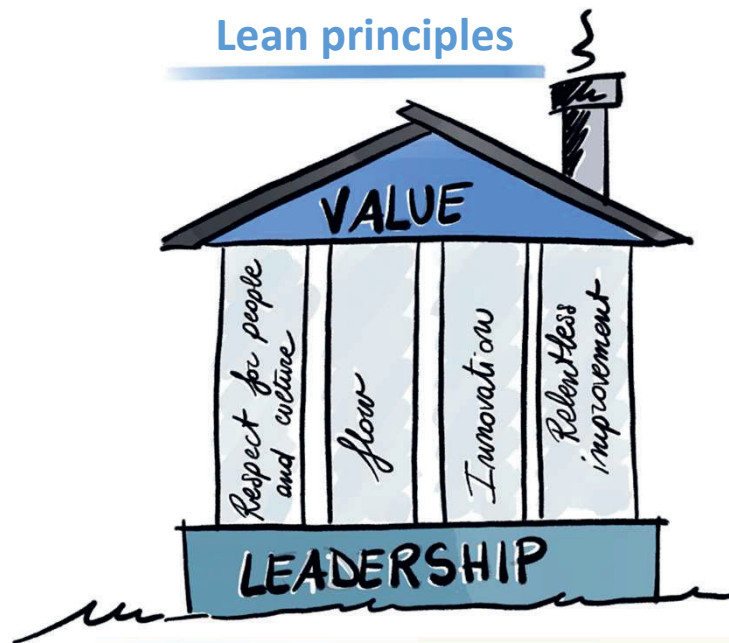
Learning goals

- In this module you will learn:
 - to understand foundational Lean and Agile principles
 - differences and commonalities between Lean and Agile
 - to understand and experience Kanban principles and practices
 - emergent team behaviors with Kanban
 - about measuring for success and continuous improvement



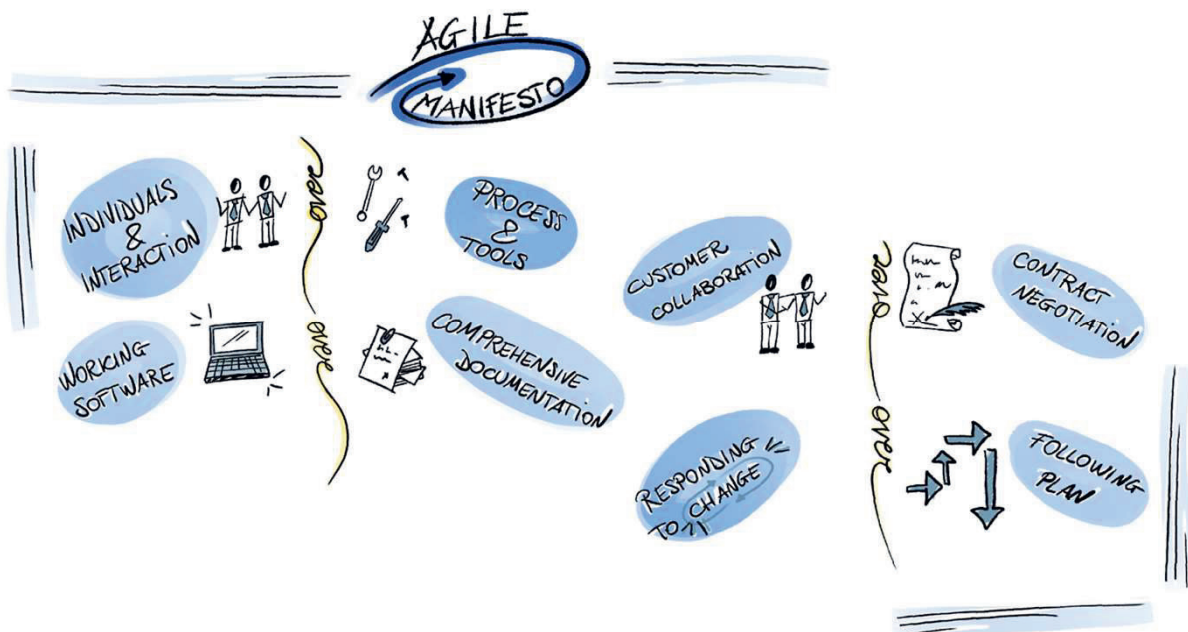


Lean principles



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14



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15

Principles behind the manifesto



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16

Knowledge work vs production work

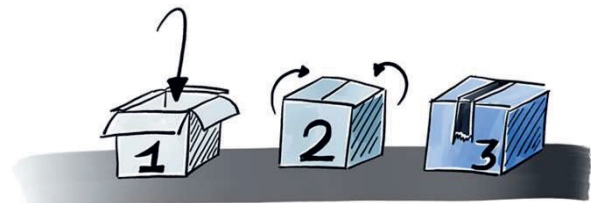
Knowledge work

- Decisions made by the worker
- Several "good practices" can be chosen to reach optimal outcome
- "Good practice" is highly dependent on context
- Majority of the process is IN the head of the worker
- Flow of work might not be linear



Production / manufacturing work

- Significant efficiency improvements possible at scale
- "best" practices for delivering work exist
- Flow and process of work is easily observable



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17

Exercise: Lean or Agile



For each statement, would you choose a Lean or Agile development approach?

1. Producing office chairs
2. Creating the office chair of the future
3. Resolving a production outage in our customer portal
4. Building a new function in our mobile app
5. Resolving customer complaints in the customer service department (like: reactivating credit cards)

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18

The Difference Between Lean and Agile



[The Difference Between Lean and Agile](#)



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19