

Nakeema Stefflbauer, FrauenLoop



OUR GRADUATES

In thirteen previous FrauenLoop learning cycles, we've trained a broad range of women to apply different technical skills.

Our graduates are uniquely suited for work in the tech industry, not just because of their programming ability, but due to their perseverance, problem-solving, and familiarity with agile teamwork. Like our mentors, FrauenLoop students come from diverse backgrounds and take different paths into the tech industry. The graduates below represent a cross-section of the women with whom FrauenLoop has worked.

4 Managing Projects

- How to Manage Projects Successfully?

Content:

1. Motivation & Basics
2. Agile vs Traditional Project Management
3. Agile with KANBAN
4. Agile with SCRUM
5. Agile Culture at Spotify
6. Summary

McKinsey Workshop: Agile Lego City @ FAU

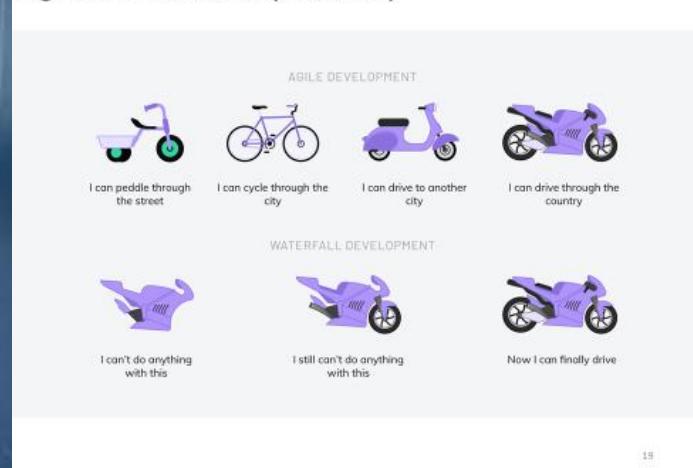


4 Managing Projects

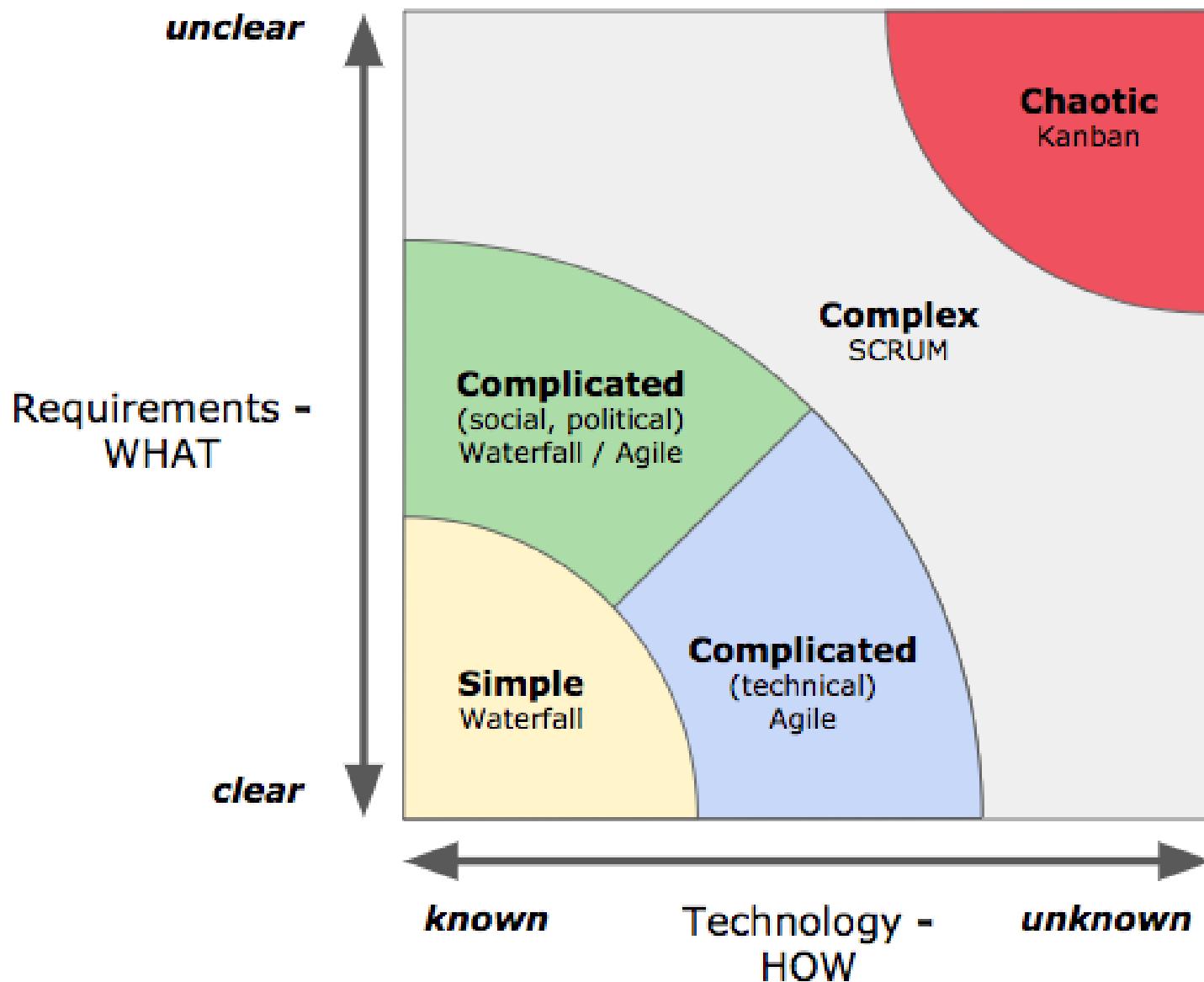
- How to Manage Projects Successfully?
(2) Agile vs Traditional Project Management



Agile vs Traditional (Waterfall)

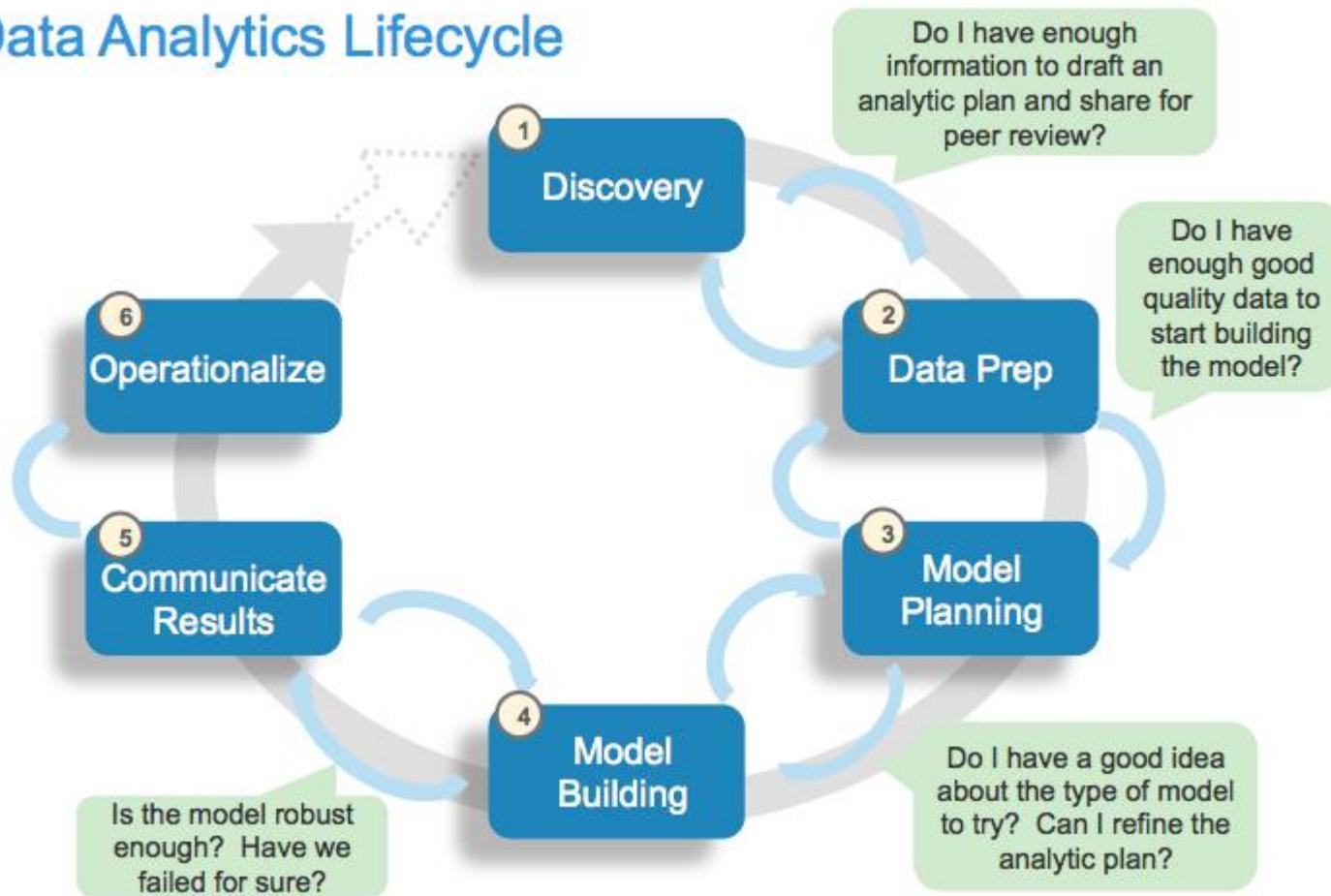


When to use Waterfall, Agile, Scrum or Kanban?

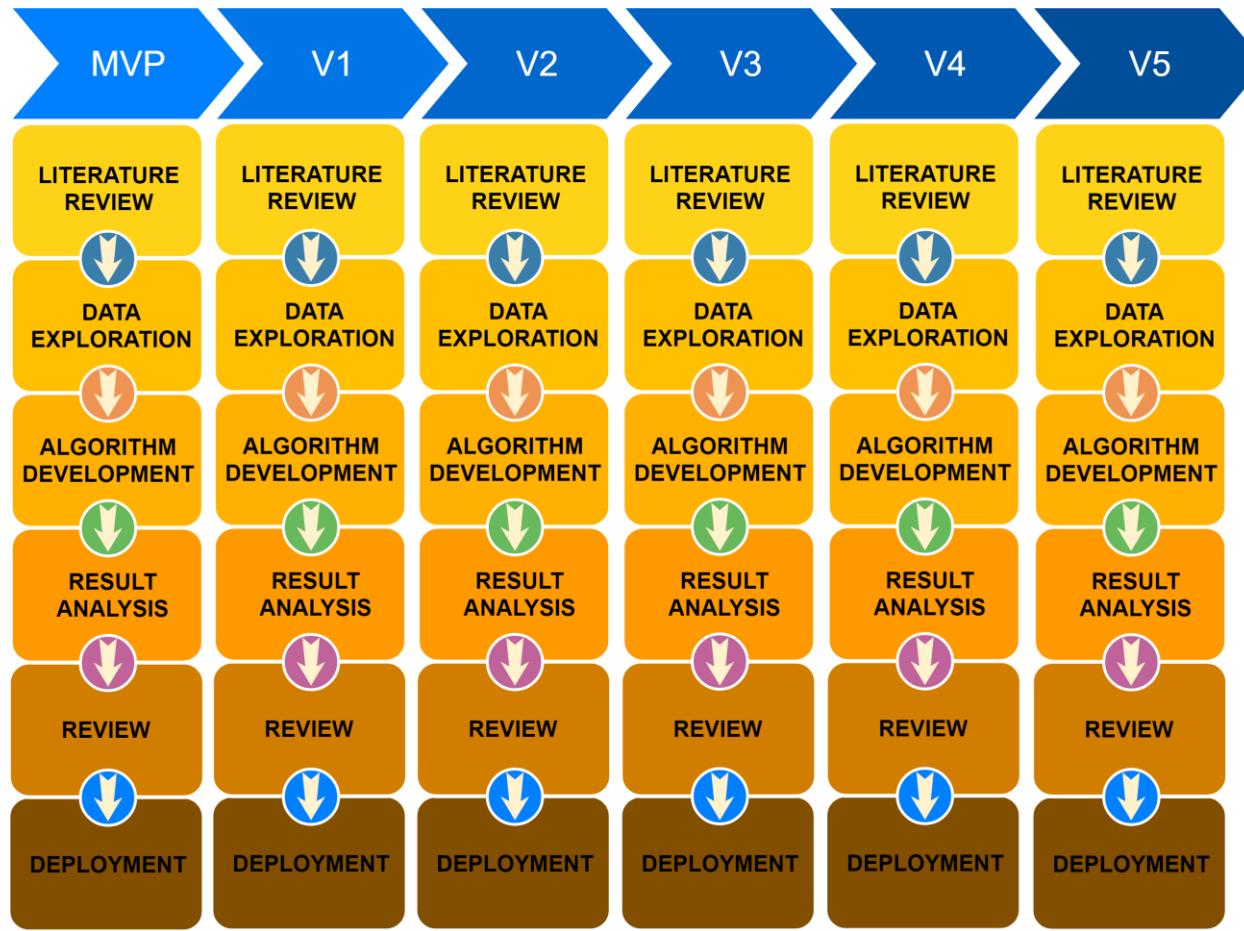


Agile Data Science: Applying Kanban in the Analytics Life Cycle

Data Analytics Lifecycle

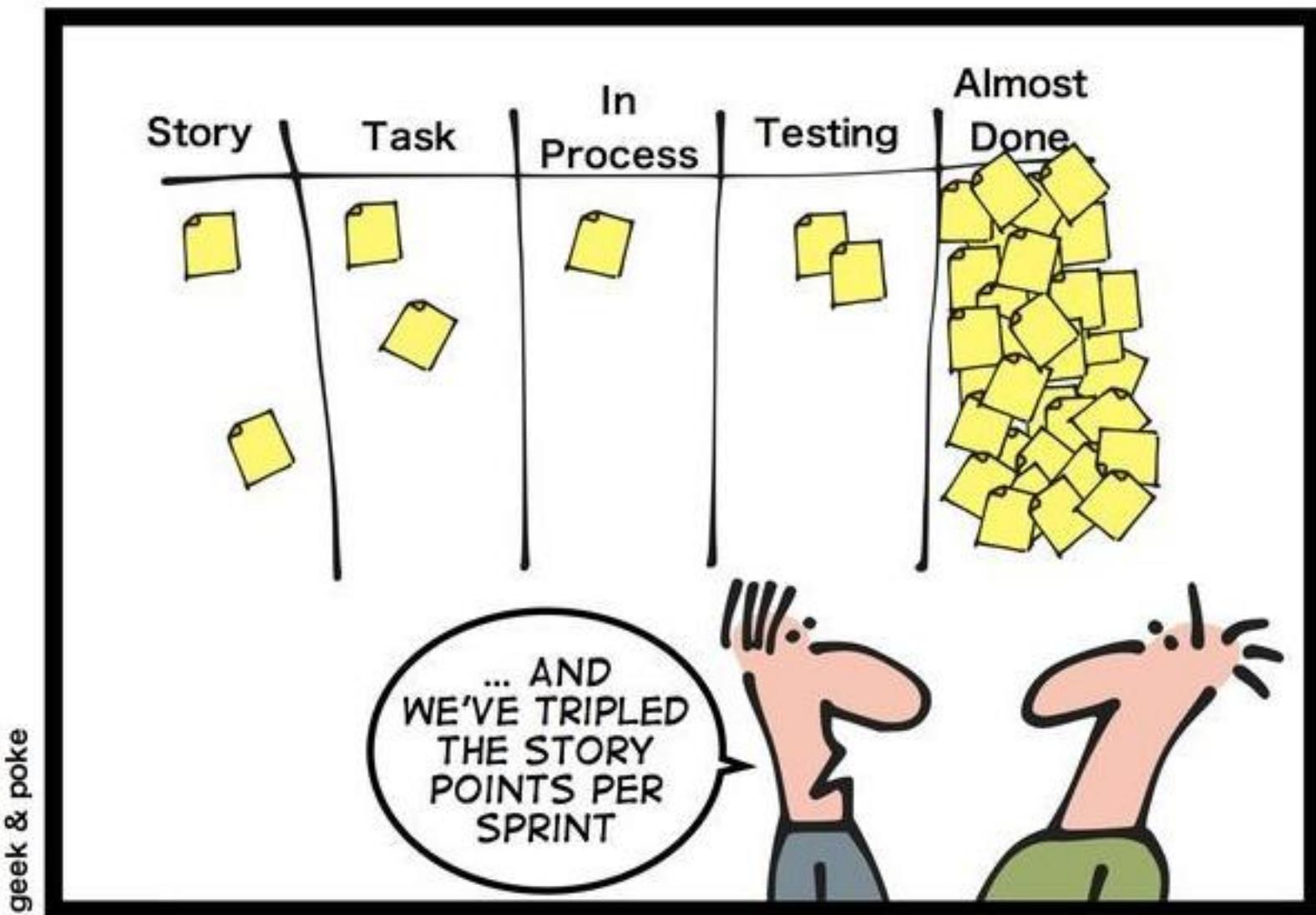


Agile Data Science: Applying Kanban in the Analytics Life Cycle



Tari

A Problem in Agile Project Management



DOAD

4 Managing Projects

- How to Manage Projects Successfully?
(4) Agile Project Management with **SCRUM**



there are three artifacts or documents



there are three ceremonies that make up

Scrum and Kanban

A comparison of Agile methodologies

	Scrum	Kanban
Origin	Software development	Lean manufacturing
Ideology	Solve complex problems while delivering valuable products	Use visuals to improve work flows and processes
Practices	Sprint planning Sprint Daily scrum Sprint review Sprint retrospective	Visualize the flow of work Limit work in progress Manage flow Make process policies explicit Implement feedback loops Improve, experiment
Roles	Product Owner Scrum Master Development Team	No formal roles
Metrics	Velocity	Cycle time Throughput

Udemy.com: Kurse zur Vorbereitung der Zertifizierung

Cyber-Week-Sale | Kurse schon ab 9,99 €, noch bis 4. Dezember. Jetzt kaufen, dann bekommst du kostenlosen Zugriff auf ein [Live-Webinar](#) dazu!

Noch 3 Tage!

Udemy

Kategorien



Suche nach einem beliebigen Thema

Udemy for Business

Bei Udemy unterrichten



Anmelden

Regi

IT & Software > IT-Zertifizierung > Professional Scrum Master (PSM)

Scrum Master Certification Preparation & 240+ Prep Questions

Scrum Master training + Prepare for the PSM I ® certification + PSM 1 ® Practice exam questions

Bestseller 4,6 ★★★★★ (6.037 Bewertungen) 23.354 Teilnehmer

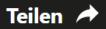
Erstellt von [Valentin Despa](#), [Valentin Despa \(Support\)](#)

⌚ Zuletzt aktualisiert 11/2020 ⌐ Englisch ⚡ Englisch

Wishlist



Teilen



Kurs verschenken



Kursvorschau ansehen

Cyber-Week-Sale

9,99 € ~~19,99 €~~ 50 % Rabatt

Noch 3 Tage zu diesem Preis!

In den Einkaufswagen

Jetzt kaufen

30-Tage-Geld-zurück-Garantie

Das wirst du lernen

- ✓ Pass the Professional Scrum Master™ I (PSM I) certification
- ✓ Ask questions in the Q&A section
- ✓ Get exam tips that can really make a difference
- ✓ Understand the Agile mindset
- ✓ Learn about burn-down charts, technical debt, velocity
- ✓ Test your Scrum understanding with 3 complete prep tests x 80 questions
- ✓ Attend Scrum webinar (exclusive for Udemy students)
- ✓ How to deal with hard exam questions
- ✓ Feature teams vs component teams
- ✓ Functional requirements vs non-functional requirements

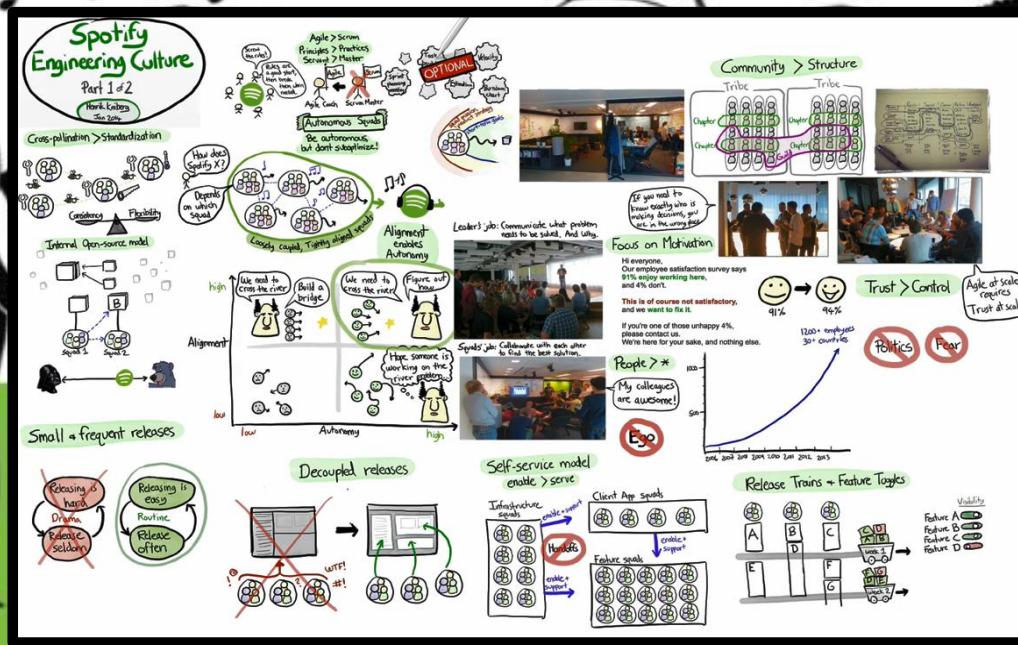
Das ist im Kurs enthalten:

- ▶ 6,5 Stunden On-Demand-Video
- 📄 35 Artikel
- ฿ 3 zum Download verfügbare Materialien
- ❓ 2 Praxistests
- ♾ Uneingeschränkter lebenslanger Zugriff

4 Managing Projects

- How to Manage Projects Successfully?
(5) Agile Culture at Spotify

Agile at Spotify

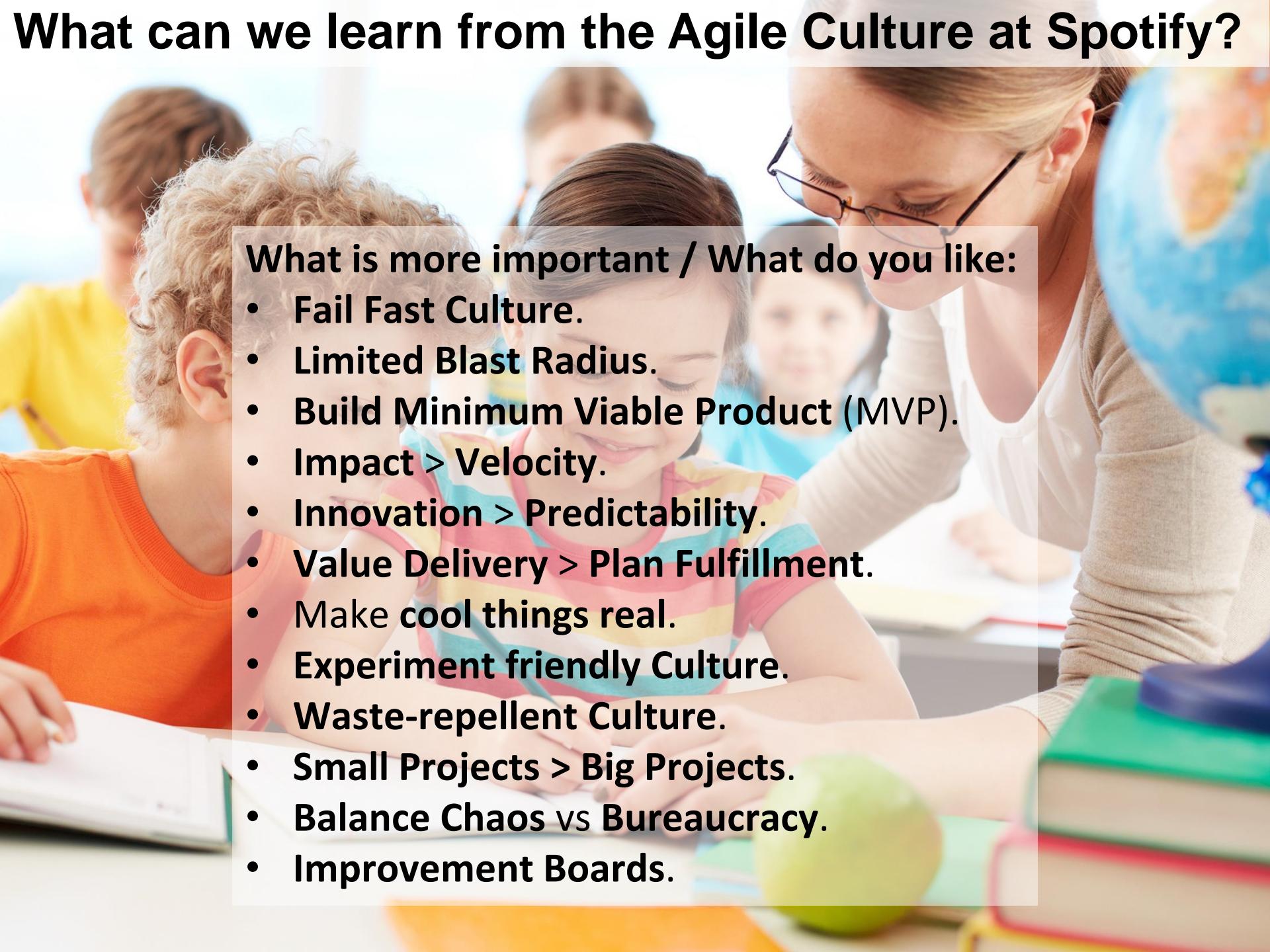


What can we learn from the Agile Culture at Spotify?

What is more important / What do you like:

- Agile > Scrum.
- Principles > Practices.
- Autonomous Squad > Scrum Team.
- High Autonomy, High Alignment.
- Standardization < Cross-Polination.
- Motivation > Leadership
- Community > Structure.
- Squads, Tribes, Chapters (Roles), Guilds (Interests).
- Frequent Releases in Release Trains.
- Self Service: Enable > Serve.
- Trust > Control.

What can we learn from the Agile Culture at Spotify?



What is more important / What do you like:

- Fail Fast Culture.
- Limited Blast Radius.
- Build Minimum Viable Product (MVP).
- Impact > Velocity.
- Innovation > Predictability.
- Value Delivery > Plan Fulfillment.
- Make cool things real.
- Experiment friendly Culture.
- Waste-repellent Culture.
- Small Projects > Big Projects.
- Balance Chaos vs Bureaucracy.
- Improvement Boards.

4 Managing Projects

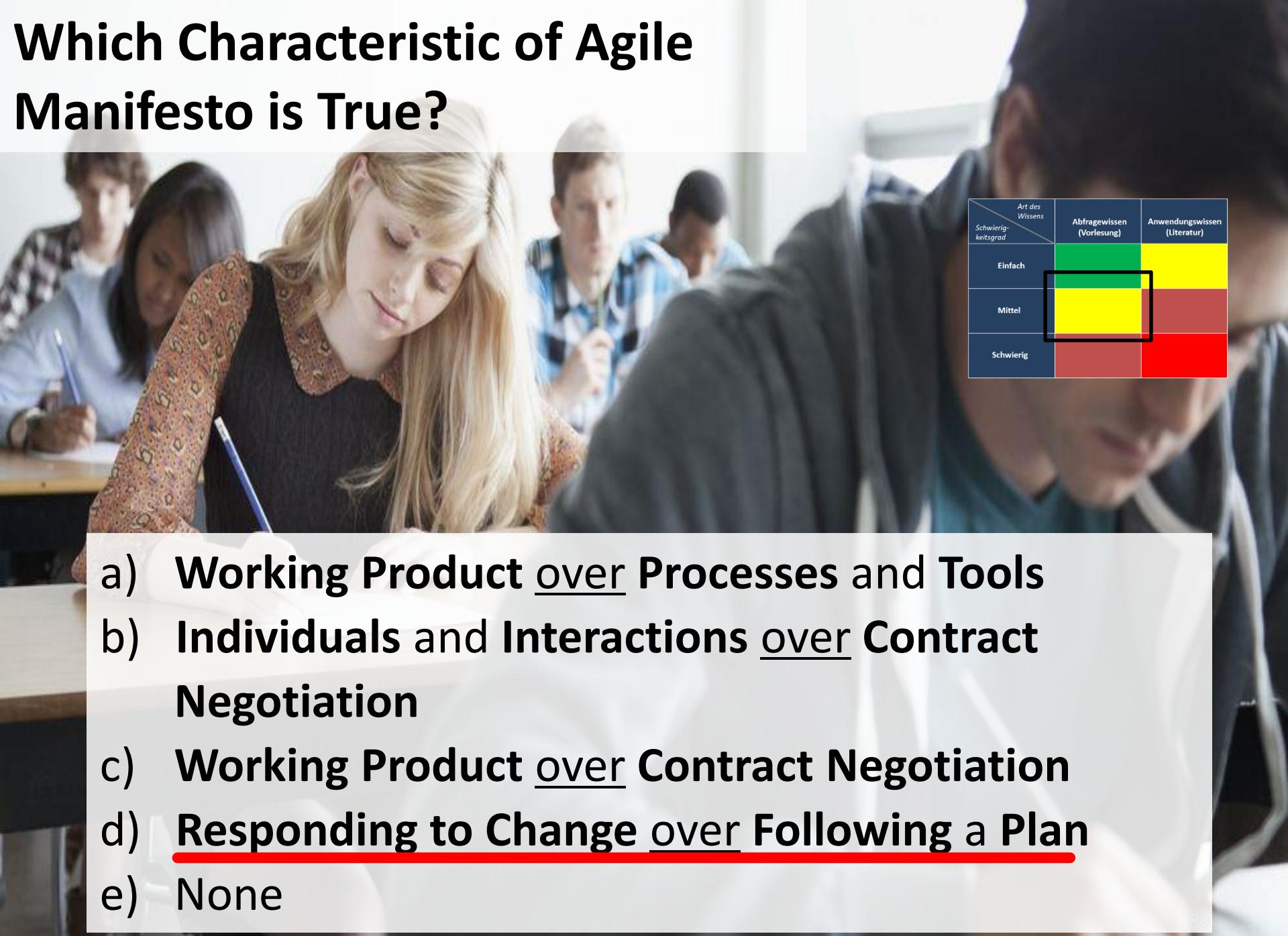
- How to Manage Projects Successfully?
(6) Summary

Content:

1. Motivation & Basics
2. Agile vs Traditional Project Management
3. Agile with KANBAN
4. Agile with SCRUM
5. Agile Culture at Spotify
6. Summary

- 
- Zentrale **Grundlagen** des Projektmanagements.
 - **Gemeinsamkeiten** und **Unterschiede** von **Agiles** vs **Traditionelles** Projektmanagement.
 - **Agiles** Projektmanagement mit **KANBAN** und **SCRUM**.
 - Wie Sie **studentische Projekte** besser planen können.

Which Characteristic of Agile Manifesto is True?



Schwierigkeitsgrad	Art des Wissens	Abfragewissen (Vorlesung)	Anwendungswissen (Literatur)
Einfach		Green	Yellow
Mittel		Yellow	Red
Schwierig		Red	Red

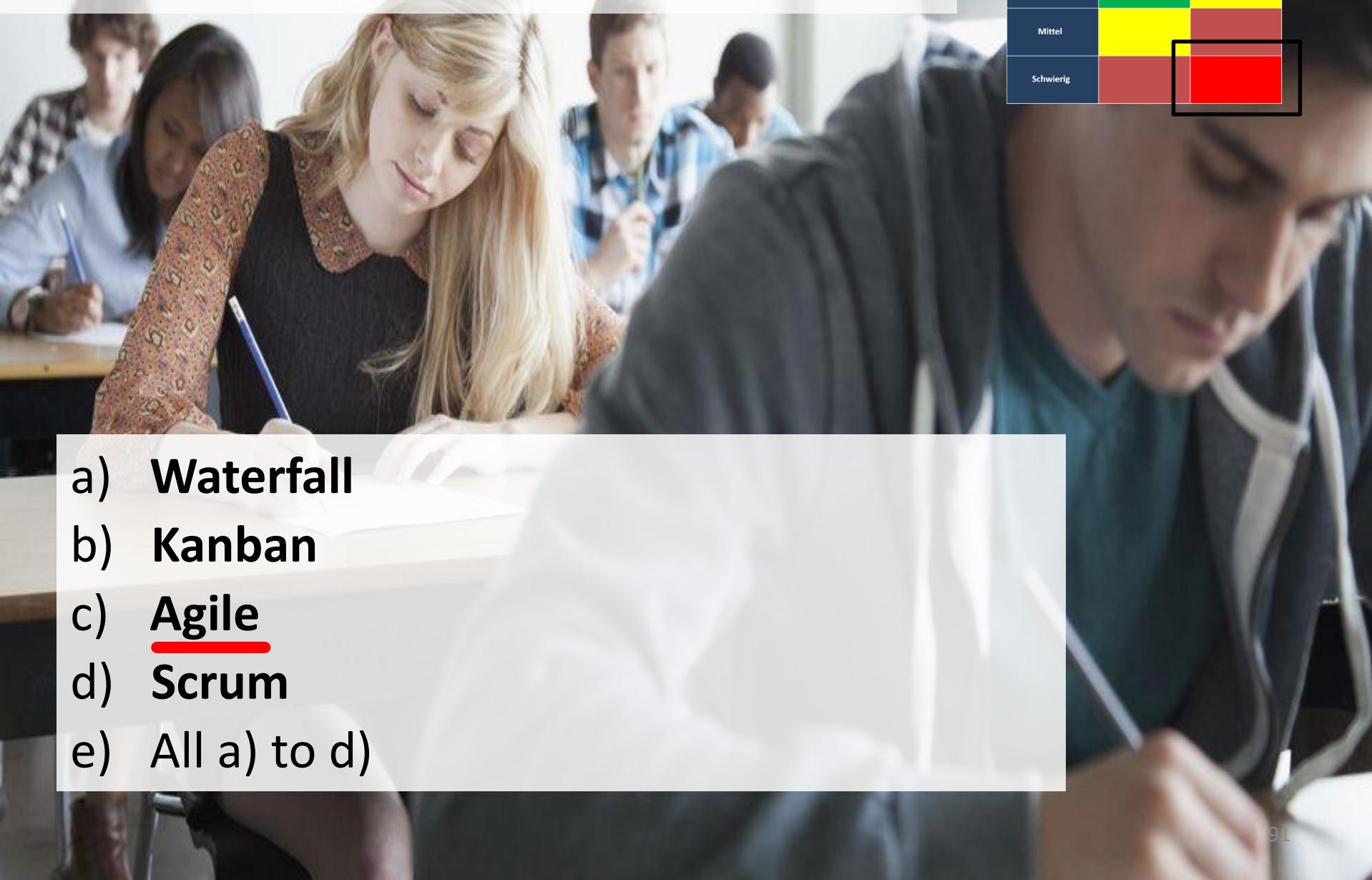
- a) Working Product over Processes and Tools
- b) Individuals and Interactions over Contract Negotiation
- c) Working Product over Contract Negotiation
- d) Responding to Change over Following a Plan
- e) None

Which Principle does Not belong to the Agile Manifesto?

Schwierigkeitsgrad	Art des Wissens	Ablfragewissen (Vorlesung)	Anwendungswissen (Literatur)
Einfach			
Mittel			
Schwierig			

- a) **Business people and customers must work together daily throughout the project**
- b) Deliver working software frequently
- c) Working software is the primary measure of progress.
- d) Welcome changing requirements
- e) None

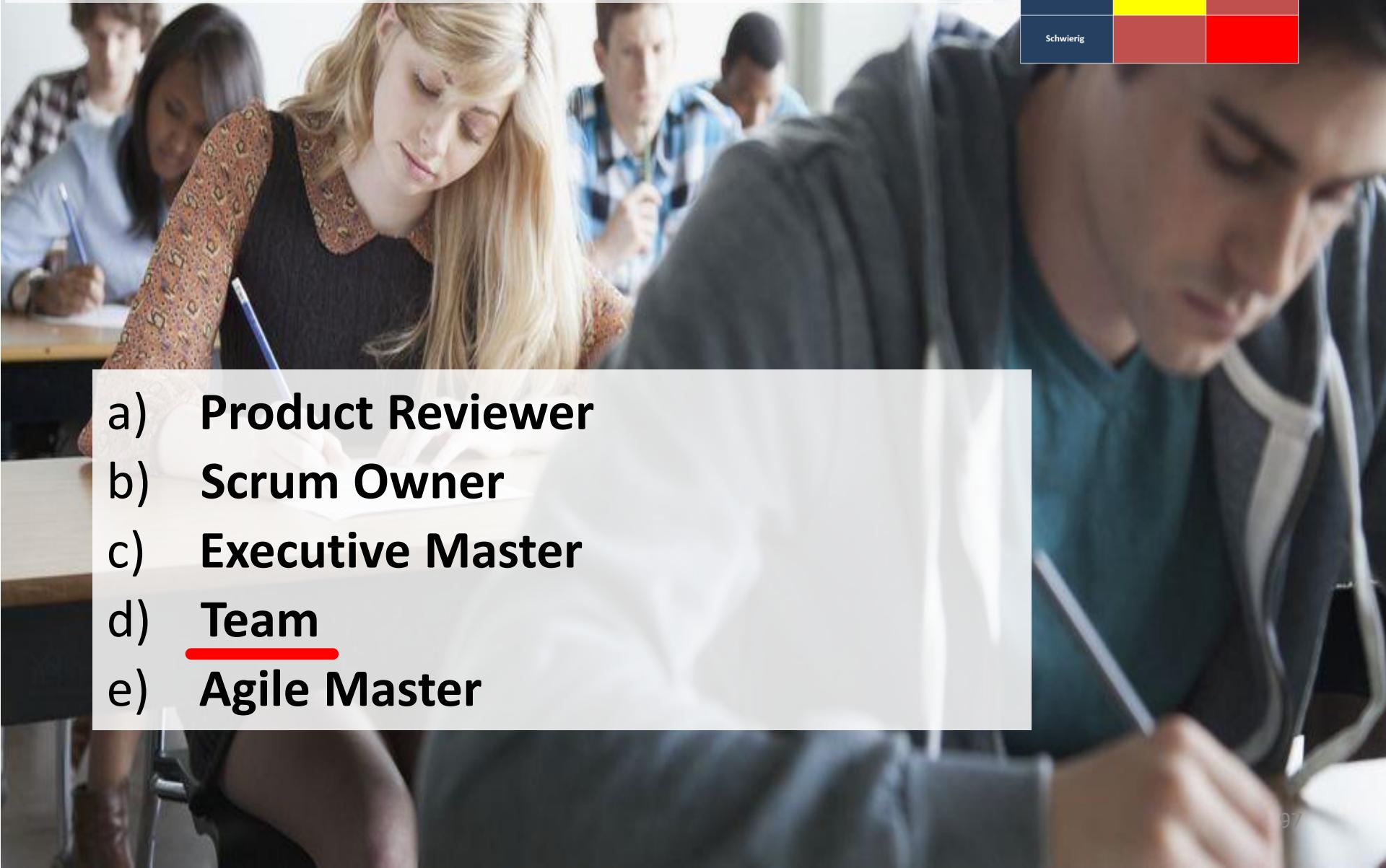
Which Method should we use when there is a Complicated Technology?



Schwierigkeitsgrad	Art des Wissens	Ablfragewissen (Vorlesung)	Anwendungswissen (Literatur)
Einfach		Green	Yellow
Mittel		Yellow	Red
Schwierig		Red	Red

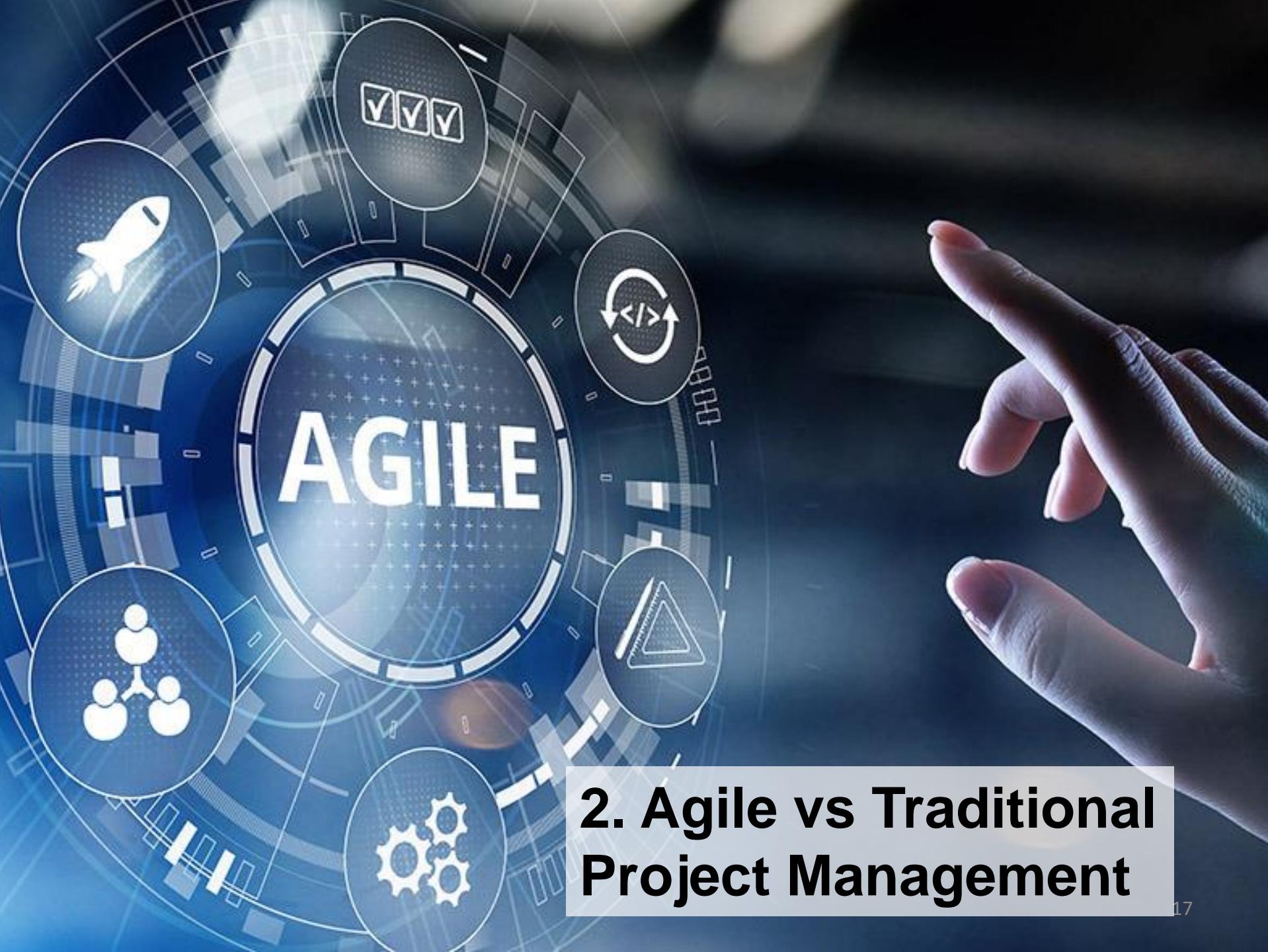
- a) Waterfall
- b) Kanban
- c) Agile
- d) Scrum
- e) All a) to d)

Select a Role which belongs to the Scrum Model?



Schwierigkeitsgrad	Art des Wissens	Abfragewissen (Fachwissen)	Anwendungswissen (Literatur)
Einfach	Green	Yellow	Red
Mittel	Yellow	Yellow	Red
Schwierig	Red	Red	Red

- a) Product Reviewer
- b) Scrum Owner
- c) Executive Master
- d) Team
- e) Agile Master



2. Agile vs Traditional Project Management

Whats the Difference between Agile & Traditional?



Agile vs Waterfall Methodology | What to choose?
www.youtube.com/watch?v=5RocT_OdQcA

Agile vs Traditional (Waterfall)

AGILE DEVELOPMENT



I can peddle through
the street



I can cycle through the
city



I can drive to another
city

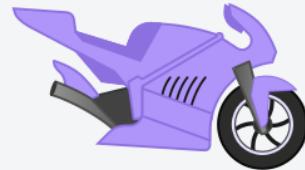


I can drive through the
country

WATERFALL DEVELOPMENT



I can't do anything
with this

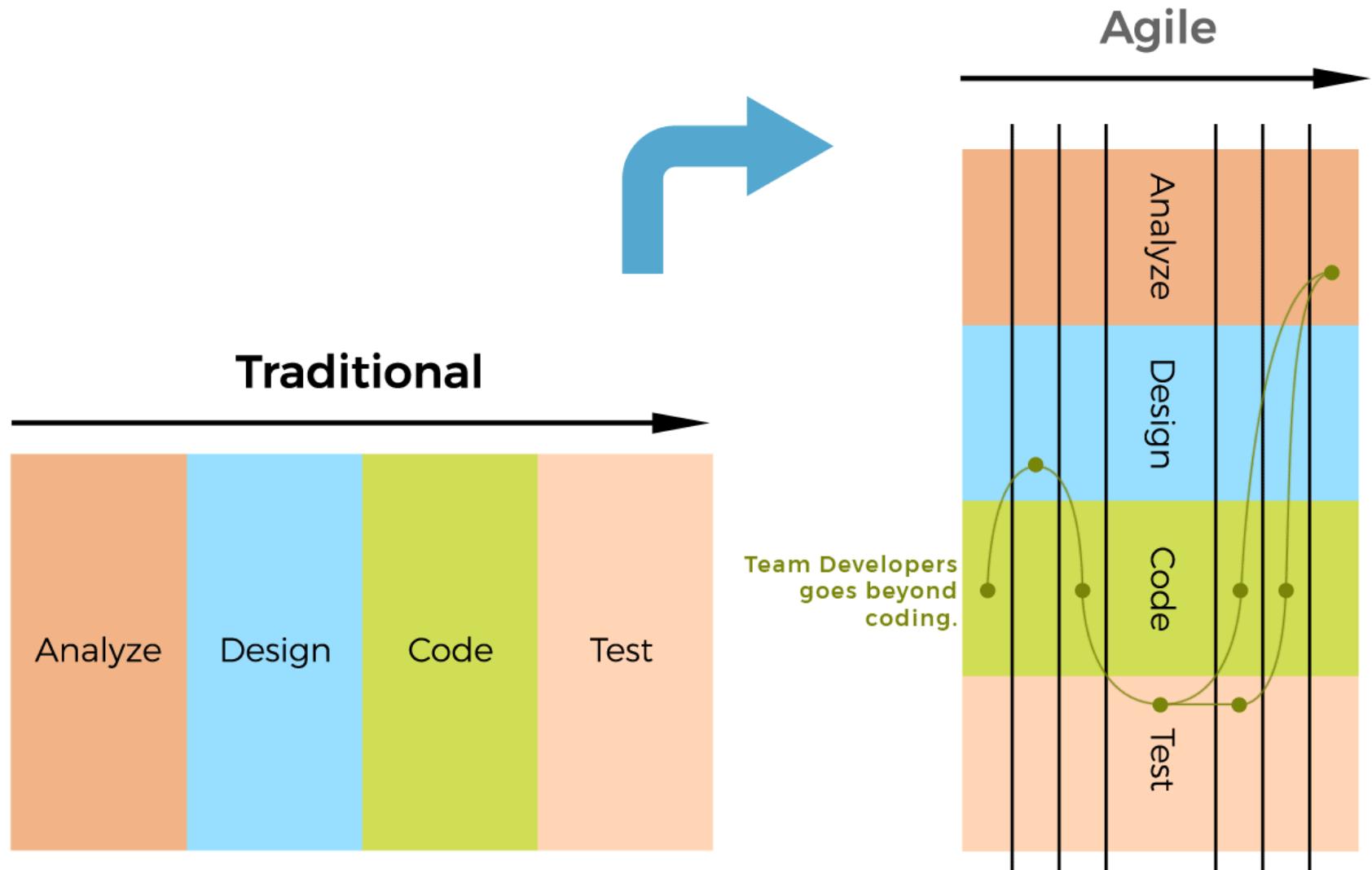


I still can't do anything
with this



Now I can finally drive

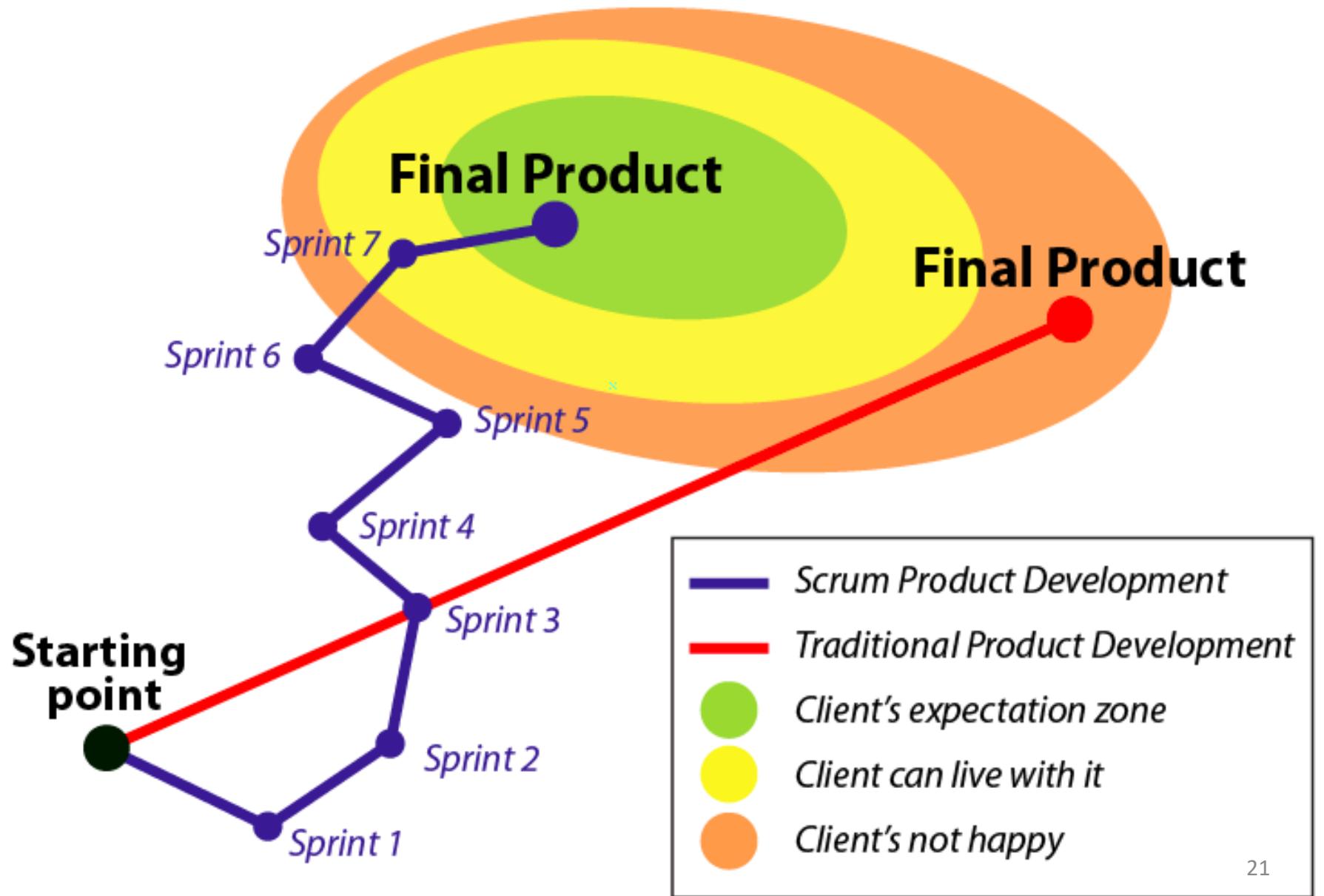
Agile vs Traditional Project Management



Once a stage is finished, the next stage begins.

Teams reiterate between vertical lines.

Agile (SCRUM) vs Traditional Product Development



The Standish Group, CHAOS Report

PROJECT SUCCESS RATES AGILE VS WATERFALL



WWW.VITALITYCHICAGO.COM

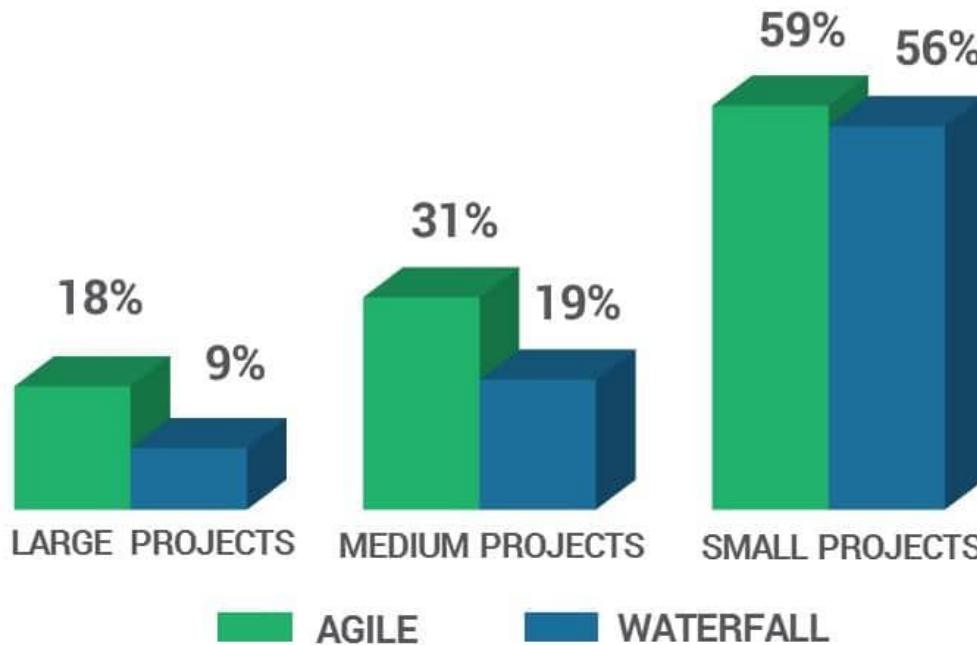
Agile Project Success Rates are 2X Higher than Traditional Projects (2019)

vitalitychicago.com/blog/agile-projects-are-more-successful-traditional-projects

The Standish Group, CHAOS Report

PROJECT SUCCESS RATES BY PROJECT SIZE **AGILE VS WATERFALL**

FOR LARGE PROJECTS, AGILE APPROACHES ARE 2X MORE LIKELY TO SUCCEED



Source: Standish Group, Chaos Studies 2013-2017

WWW.VITALITYCHICAGO.COM

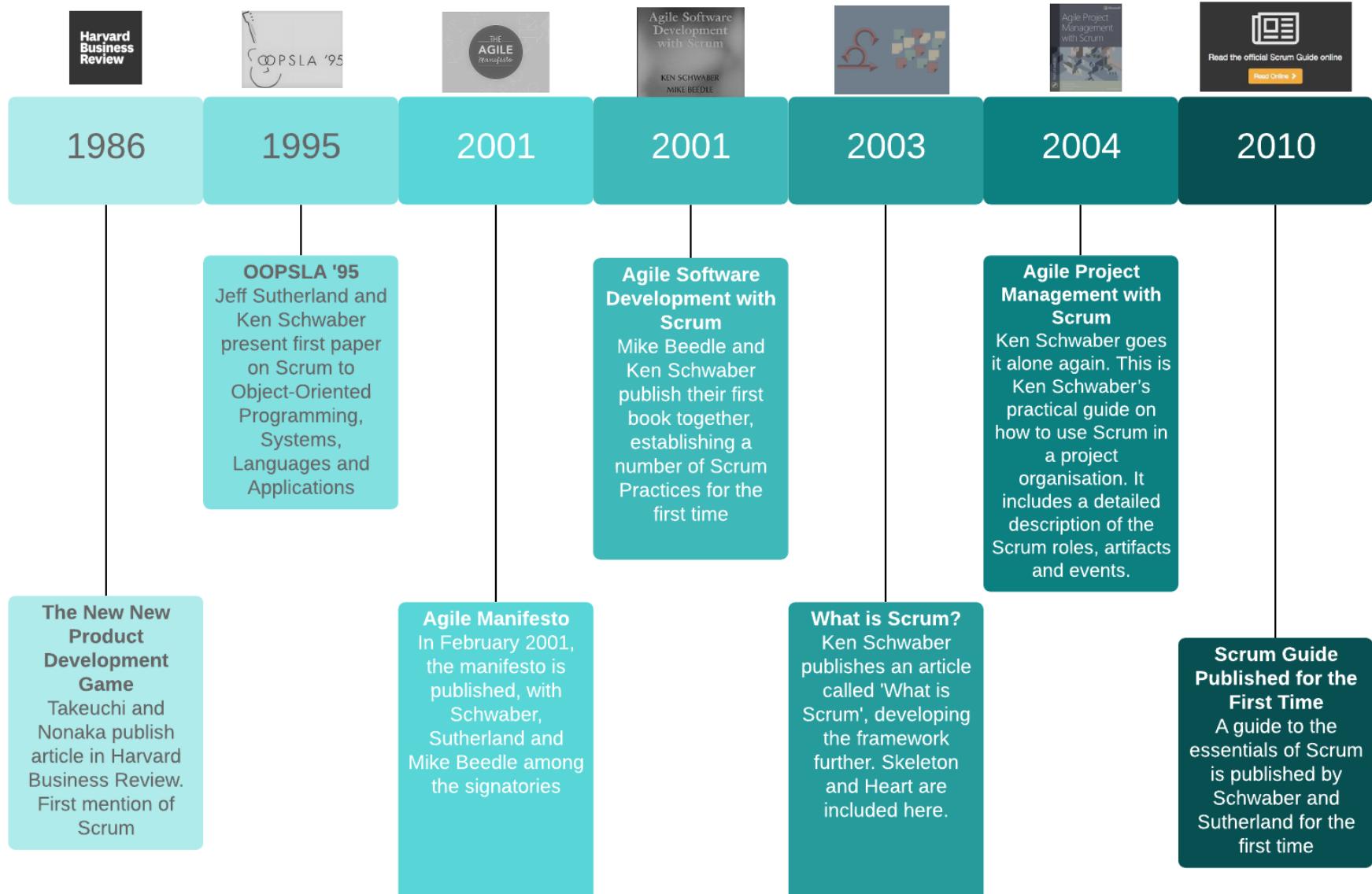
Agile Project Success Rates are 2X Higher than Traditional Projects (2019)

vitalitychicago.com/blog/agile-projects-are-more-successful-traditional-projects

Scrum & Agile Software Development: A History

Schwaber and Sutherland's Scrum Timeline

Paddy Corry, Serious Scrum



Das Manifest für Agile (Software)Entwicklung, 2001
beschreibt die **wesentlichen Eigenschaften** des
agilen Projektmanagements

The Agile Manifesto

Individuals and interactions	over	Processes and Tools
Working Product	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.

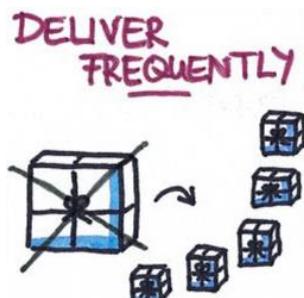
12 Prinzipien hinter dem Agilen Manifest 2001 (1/4)



- Our highest **priority** is to **satisfy the customer** through **early and continuous delivery** of **valuable software**.



- Welcome **changing requirements**, even **late in development**. Agile processes harness **change** for the **customer's competitive advantage**.



- Deliver **working software frequently**, from a couple of **weeks** to a couple of **months**, with a preference to the **shorter timescale**.

12 Prinzipien hinter dem Agilen Manifest 2001 (3/4)



- **Working software** is the **primary measure of progress**.



- Agile processes promote **sustainable development**. The **sponsors**, **developers**, and **users** should be able to **maintain a constant pace indefinitely**.

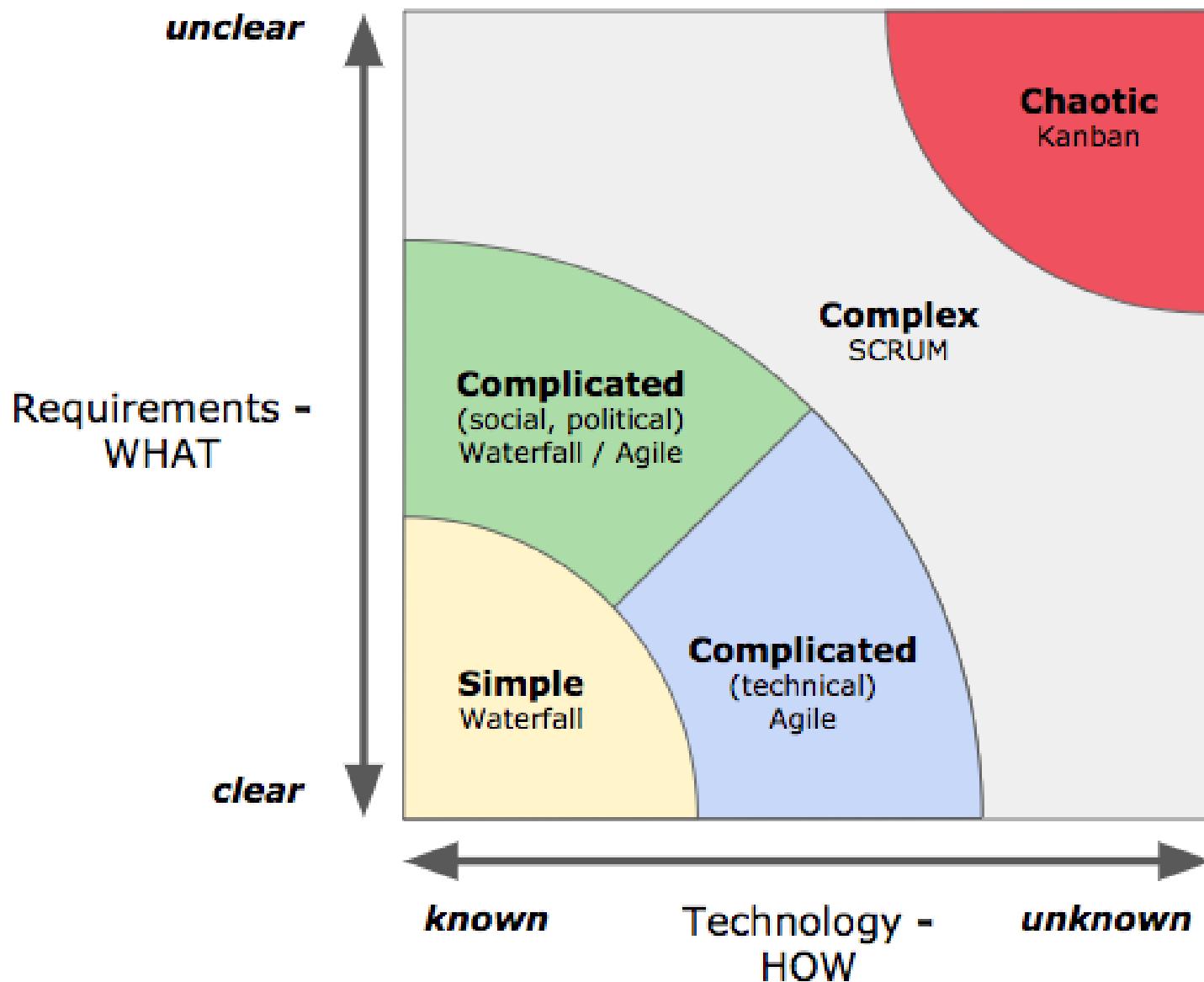


- **Continuous attention to technical excellence and good design enhances agility**.

Companies Need Teams With An Agile Mindset



When to use Waterfall, Agile, Scrum or Kanban?



Michael Amberg

Todays Content:

- 1. Motivation & Basics**
- 2. Agile vs Traditional Project Management (PM)**
- 3. Agile with KANBAN**
- 4. Agile with SCRUM**
- 5. Agile Culture at Spotify**
- 6. Summary**

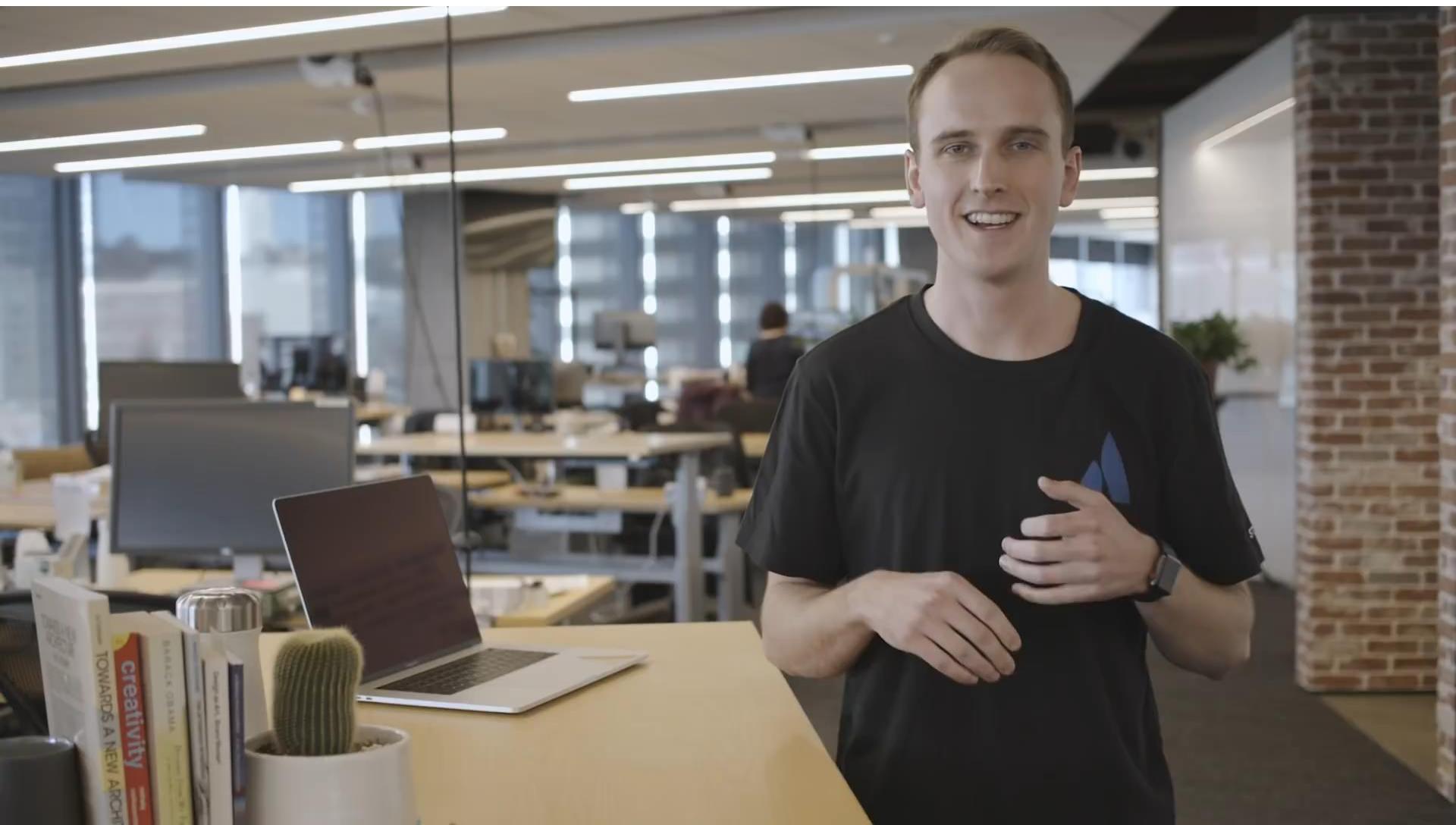


KANBAN – Visualize Your Work



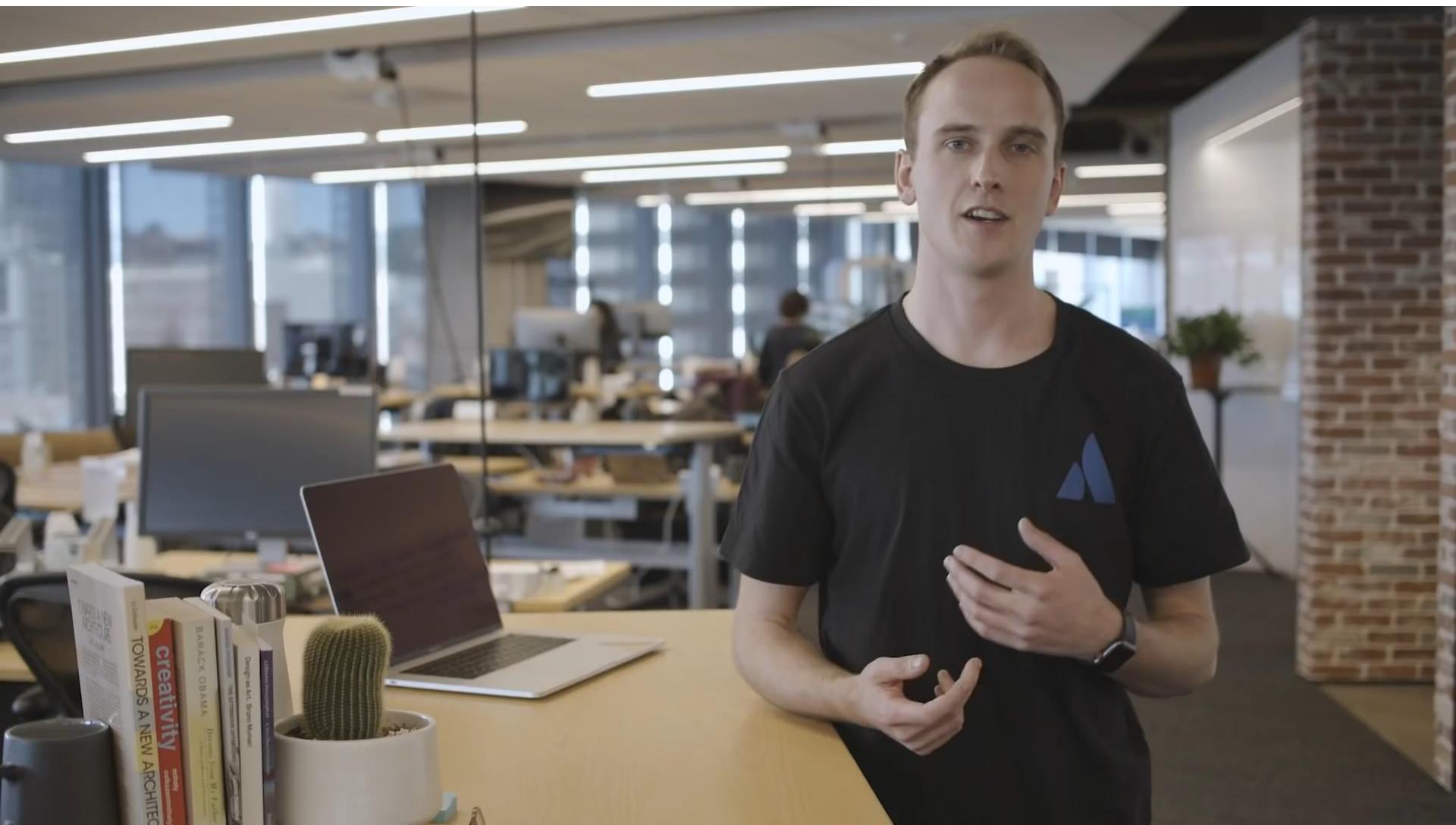
What is Kanban? - Agile Coach (2019)
www.youtube.com/watch?v=iVaFVa7HYj4

KANBAN Board – A Project Management Tool



What is a Kanban Board? - Agile Coach (2019)
www.youtube.com/watch?v=Bcid33tgq8A

KANBAN – Work In Progress Limit (WIP-Limit)



Kanban WIP limits - Agile Coach (2019)
www.youtube.com/watch?v=zEJn6eQO6FE

Agile at Spotify



**5. Agile Culture
at Spotify**

What can we learn from the Agile Culture at Spotify?



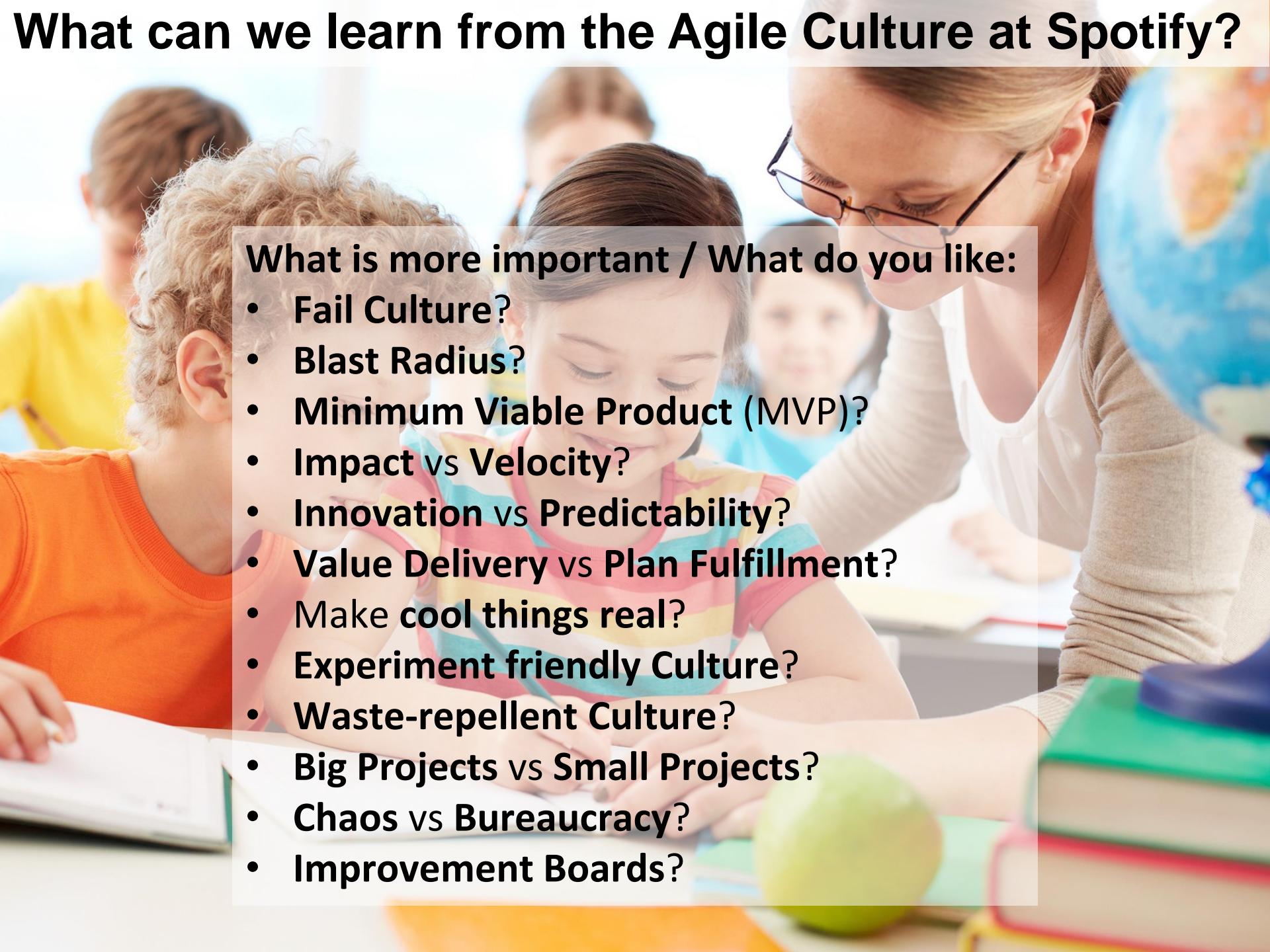
What is more important / What do you like:

- Agile vs Scrum?
- Principles vs Practices?
- Squad vs Team?
- Autonomy vs Alignment?
- Standardization vs Cross-Polination?
- Motivation vs Leadership?
- Community vs Structure?
- Frequency of releases? Release Trains?
- Squads, Chapters, Tribes, Guilds?
- Self Service vs Full Service?
- Trust vs Control?

Agile Culture at Spotify - Part 1



What can we learn from the Agile Culture at Spotify?



What is more important / What do you like:

- Fail Culture?
- Blast Radius?
- Minimum Viable Product (MVP)?
- Impact vs Velocity?
- Innovation vs Predictability?
- Value Delivery vs Plan Fulfillment?
- Make cool things real?
- Experiment friendly Culture?
- Waste-repellent Culture?
- Big Projects vs Small Projects?
- Chaos vs Bureaucracy?
- Improvement Boards?

Agile Culture at Spotify - Part 2

