

4 Managing Projects

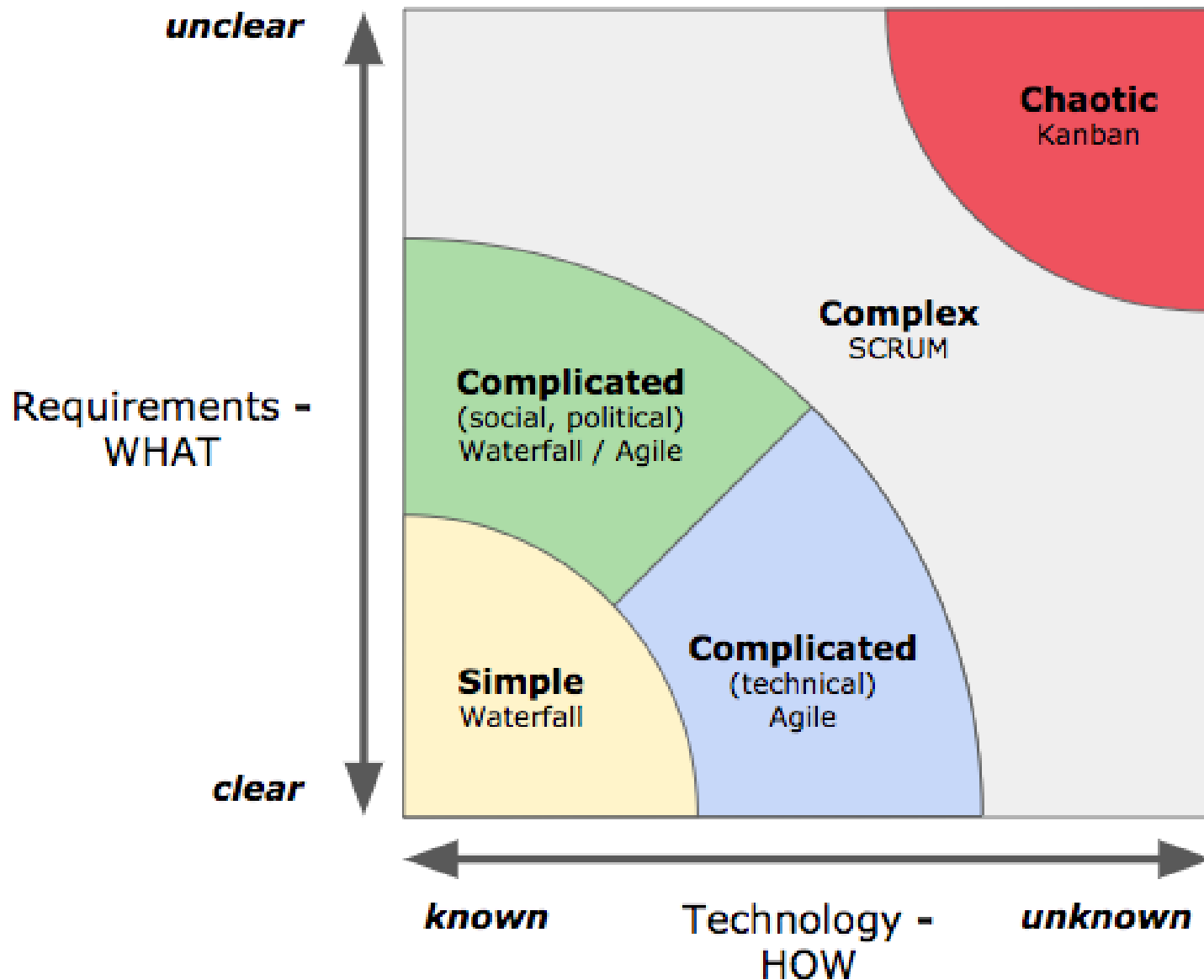
- How to Manage Projects Successfully?
(2) **Agile vs Traditional Project Management**



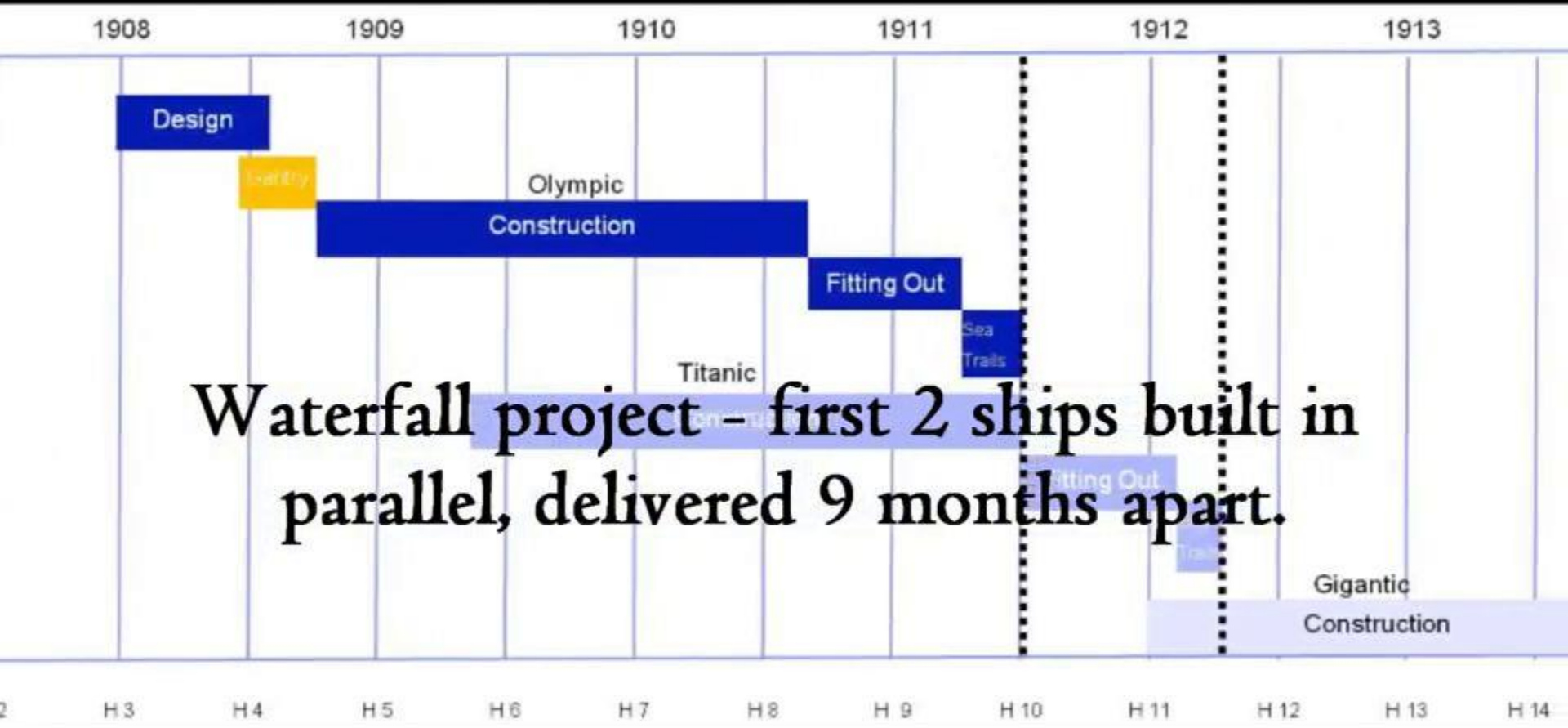
Agile vs Traditional (Waterfall)



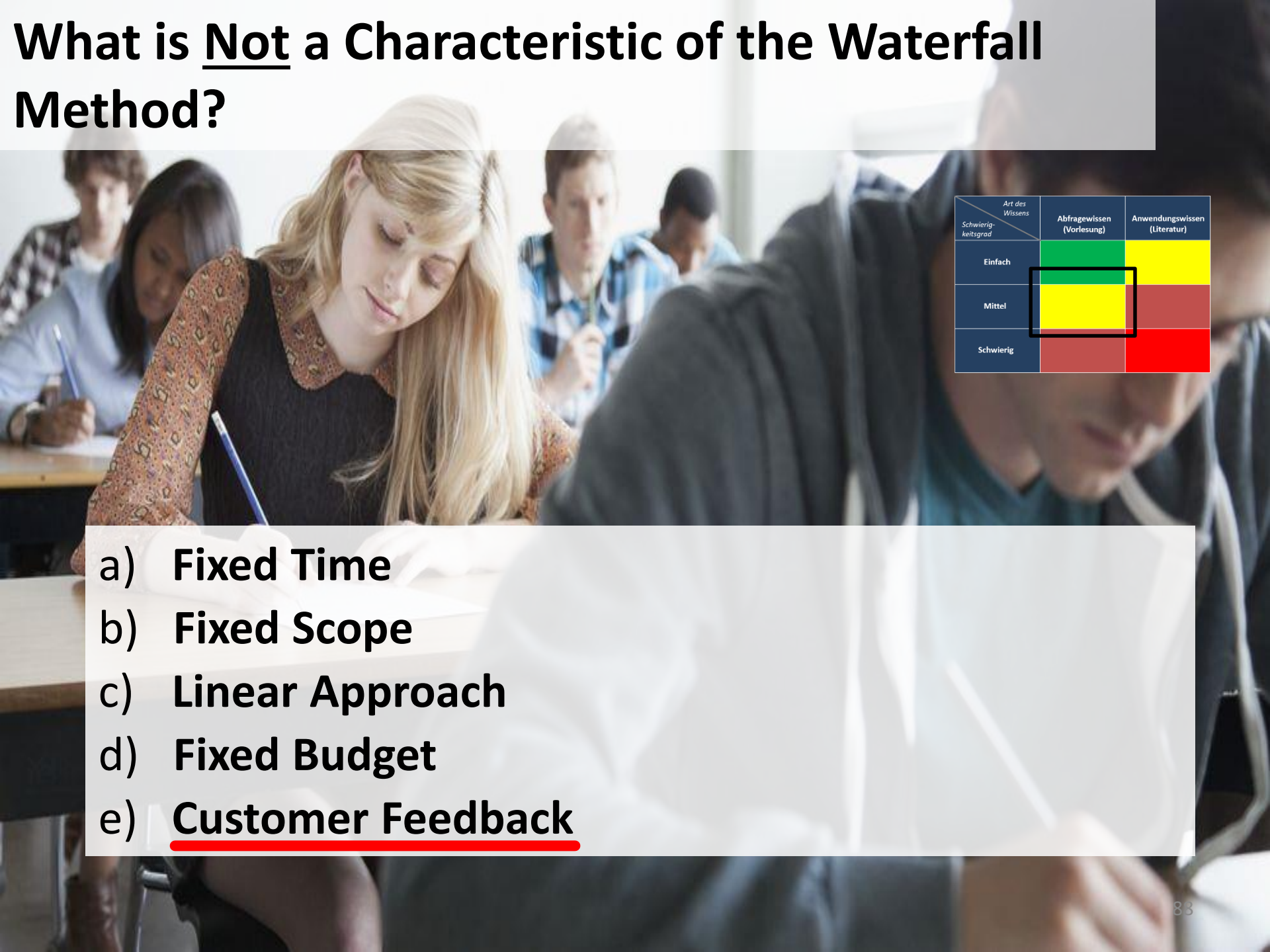
When to use Waterfall, Agile, Scrum or Kanban?



Projektauftrag erteilt April 1907, Projektplan wird weiter verfeinert



What is Not a Characteristic of the Waterfall Method?



A background image showing a group of students in a classroom setting, focused on their work. A young woman with blonde hair is in the foreground, looking down at her work. Other students are visible in the background, some looking at the camera and others looking down.

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

- a) **Fixed Time**
- b) **Fixed Scope**
- c) **Linear Approach**
- d) **Fixed Budget**
- e) **Customer Feedback**

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

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

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

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



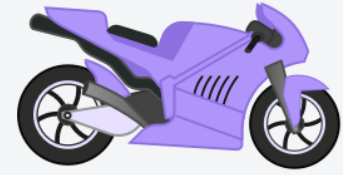
I can peddle through the street



I can cycle through the city



I can drive to another city

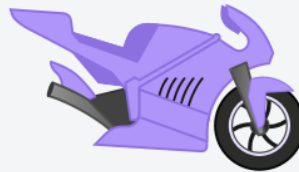


I can drive through the country

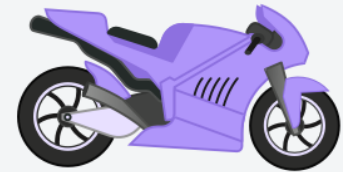
WATERFALL DEVELOPMENT



I can't do anything with this



I still can't do anything with this



Now I can finally drive

The Standish Group, CHAOS Report

PROJECT SUCCESS RATES AGILE VS WATERFALL



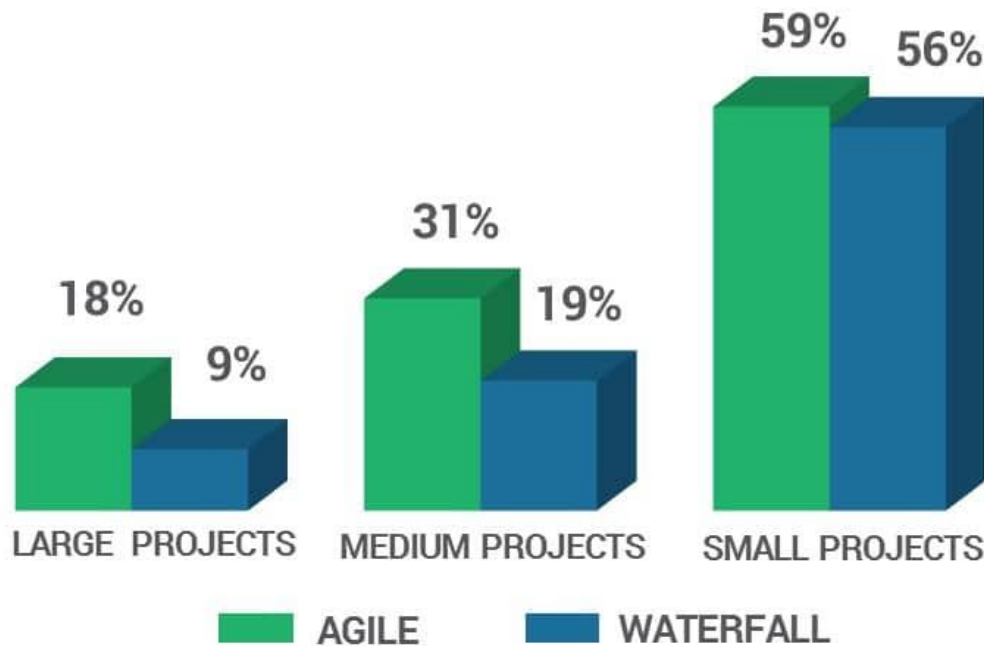
WWW.VITALITYCHICAGO.COM

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

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