



## Lego Scrum Challenge

Software Engineering II - Agile Software  
Development in Large Teams

Prof. Plattner, Dr. Uflacker  
Enterprise Platform and Integration Concepts group

# Lego Scrum Challenge



## Goal of the exercise

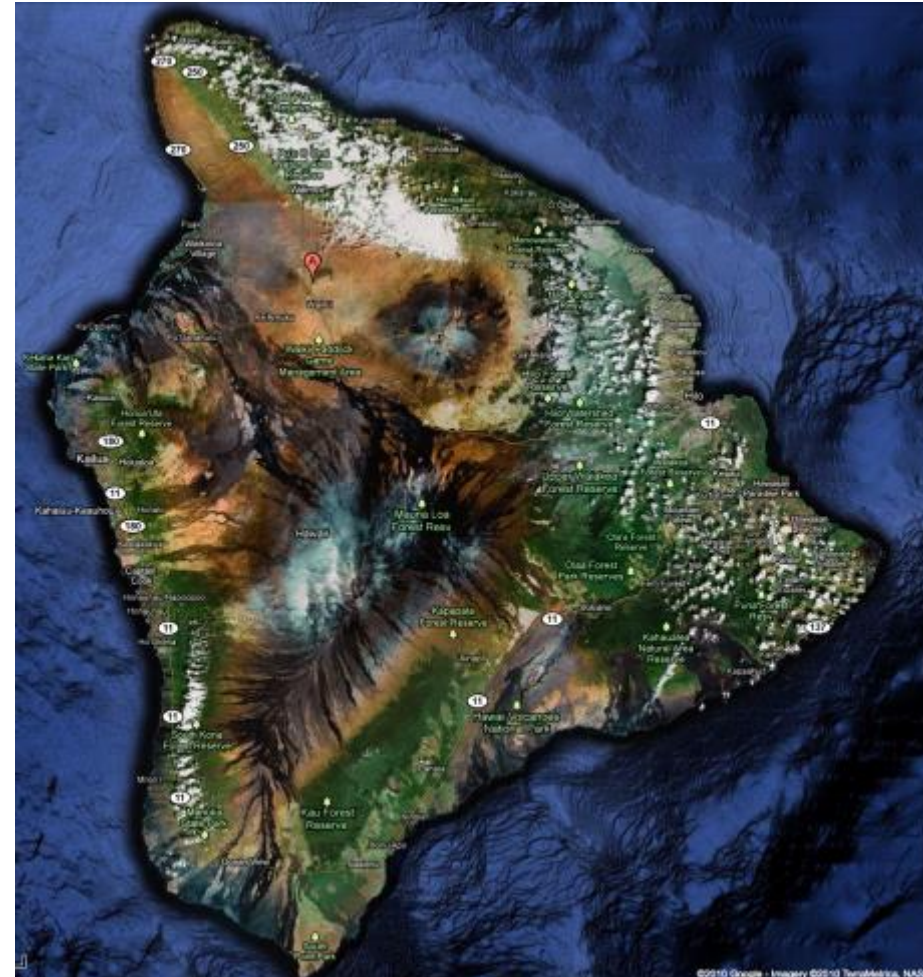
- Recap all Scrum meetings
- Practice Scrum for next weeks

## Background

- Hasso bought a lonesome island

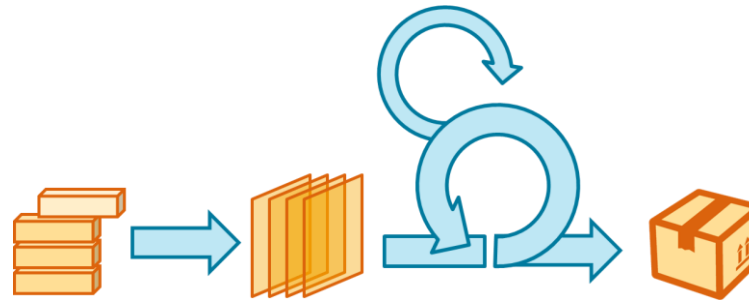
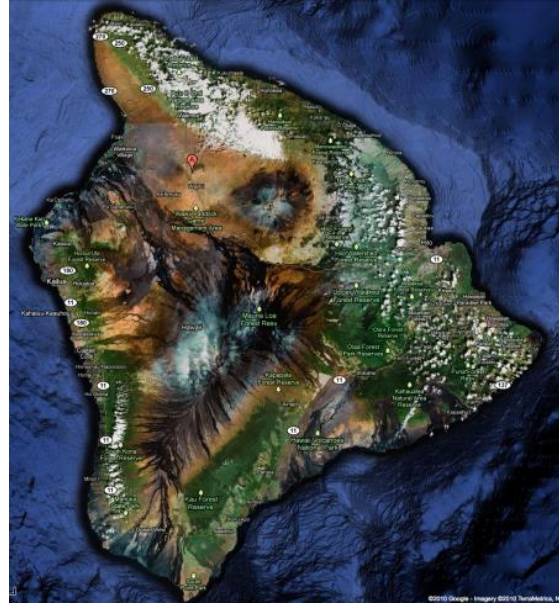
## Your task

- Develop the island for tourism



# LEGO Scrum Challenge

- Ingredients
  - A0 map
  - Lots of Lego
  - Post It's
- Timeboxed activities (3x)
  - Planning (5min)
  - Conduct sprint (10min)
  - Review (3min)
  - Retrospective (2min)
- I like, I wish (in team)
- I like, I wish (in group)



# Lego Scrum Challenge



- Planning
  - PO presents User Story (we prepared some)
  - Design session / Task break down
  - Estimation
  - Time left? Next Story
- Conduct sprint



# Lego Scrum Challenge



- Review
  - Team presents User Story results
  - PO accepts/rejects
- Retrospective
  - What can be improved?
  - Process adjustments?
  - How do you feel?
  - ...



# Lego Scrum Challenge

## Start- und Landebahn

# #12

Priorität < niedrig mittel, hoch >

Aufwand < Minuten >

Als  
Flugzeugkapitän

möchte ich  
eine Start- und Landebahn für kleine Flugzeuge

damit ich  
Touristen und Besucher von einem 200km entfernten Hub  
per Flugzeug auf die Insel bringen kann.

Akzeptanzkriterien

- Die Bahn ist für ein Flugzeug ausgelegt  
(8 bis 10 Einheiten breit).
- Mindestens 25 Einheiten lang.
- Ein geeigneter Platz ist gefunden.



# Lego Scrum Challenge



- POs are encouraged to
  - adjust User Stories
  - remove/add User Stories
  - refine User Stories
  
- SMs
  - keep track of estimations
  - keep track of time
  - oversee Scrum process
  - moderate meetings

# GO! – Finish: 3pm



- POs are encouraged to
  - adjust User Stories
  - remove/add User Stories
  - refine User Stories
- SMs
  - keep track of estimations
  - keep track of time
  - oversee Scrum process
  - moderate meetings
- Time-boxed activities (3x)
  - Planning (5min)
  - Conduct sprint (10min)
  - Review (3min)
  - Retrospective (2min)