Ohjelmistotuotanto

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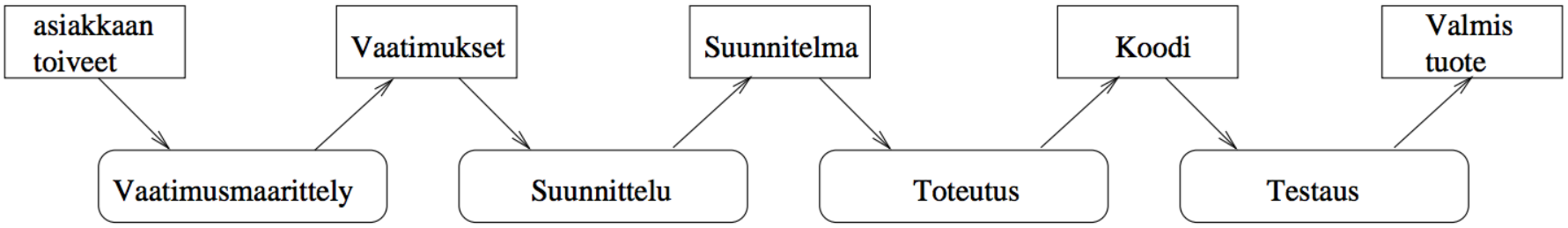
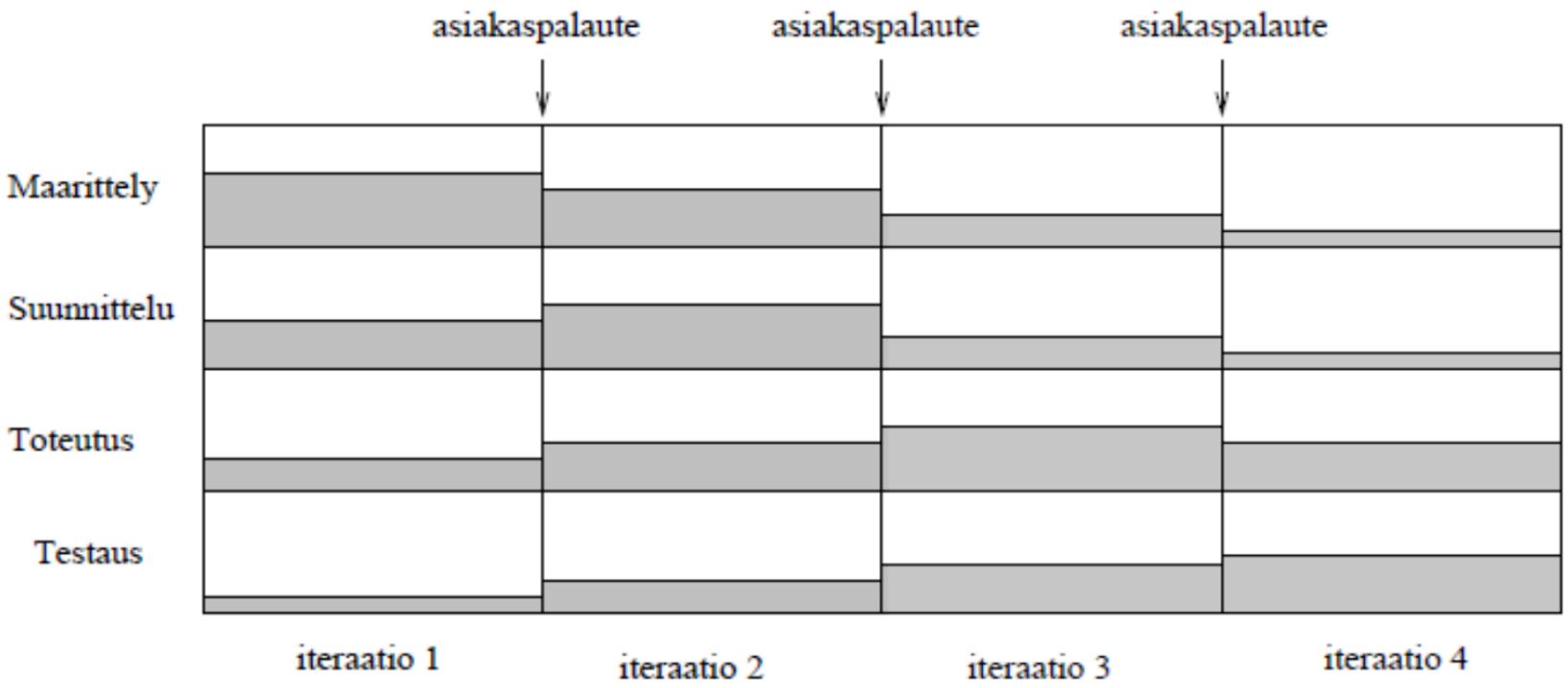
syksy 2022

Vesiputousmalli



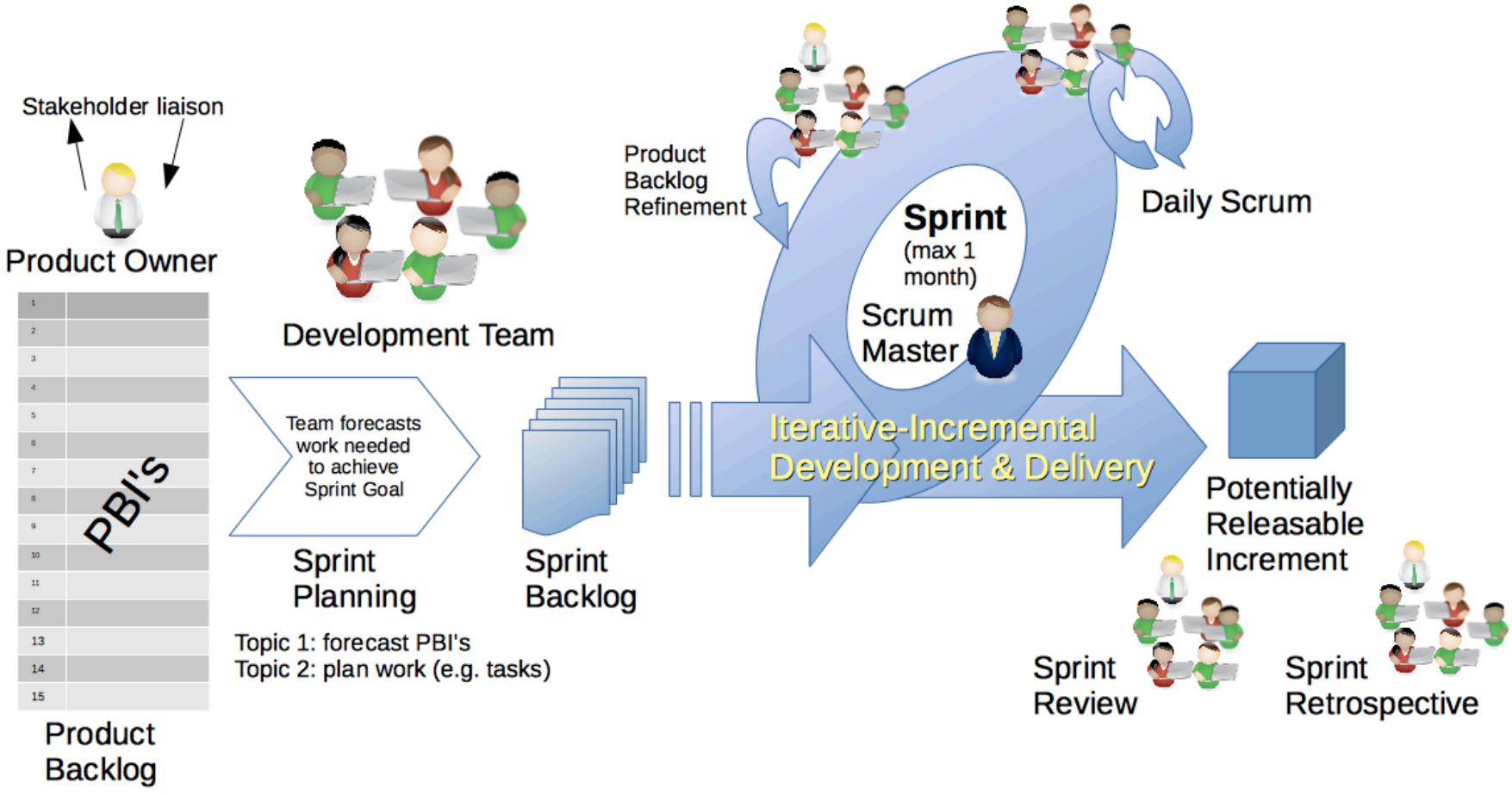
luento 1

Iteratiivinen ohjelmistokehitys



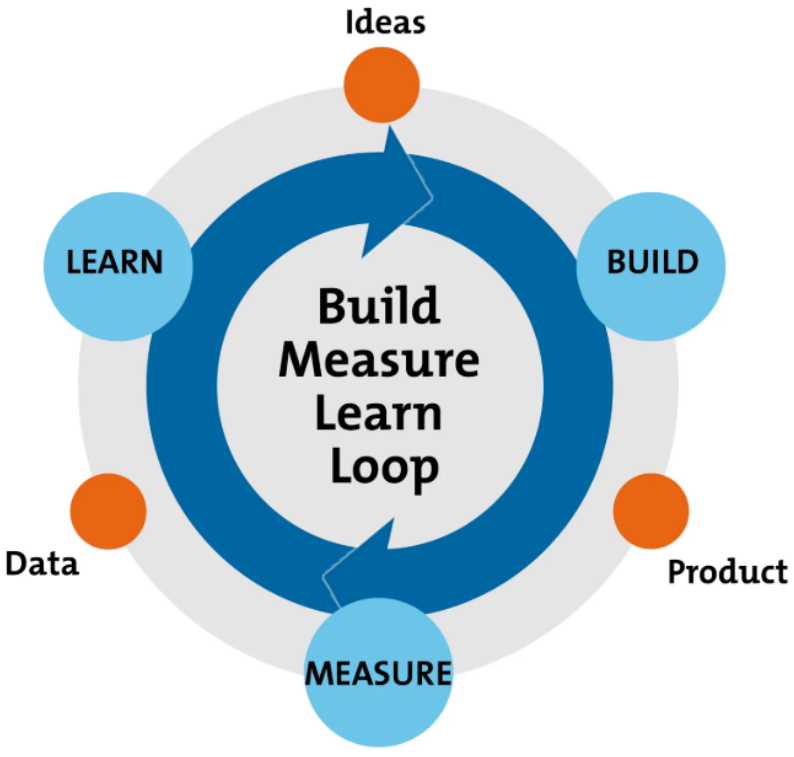
luento 2

Scrum


Stakeholder liaison
Product Owner
PBI's
Product Backlog
Development Team
Team forecasts work needed to achieve Sprint Goal
Sprint Planning
Topic 1: forecast PBI's
Topic 2: plan work (e.g. tasks)
Sprint Backlog
Product Backlog Refinement
Sprint (max 1 month)
Scrum Master
Daily Scrum
Iterative-Incremental Development & Delivery
Potentially Releasable Increment
Sprint Review
Sprint Retrospective

luento 3

Vaatimusmäärittely 2010-luvulla: Lean startup



User story

- Mike Cohn:
  - *A user story describes functionality that will be valuable to either user or purchaser of software.*
- User stories are composed of three aspects:
  1. A written description of the story, used for planning and reminder
  2. Conversations about the story to serve to flesh the details of the story
  3. Tests that convey and document details and that will be used to determine that the story is complete

luento 4

WIP-rajoitteet