

Welcome



Roman Pickl (@rompic)



Manja Lohse, PhD

Automotive: Disruptive Change



Driving technology further — products & solutions



Automated driving



Vehicle infrastructure



Connected vehicle



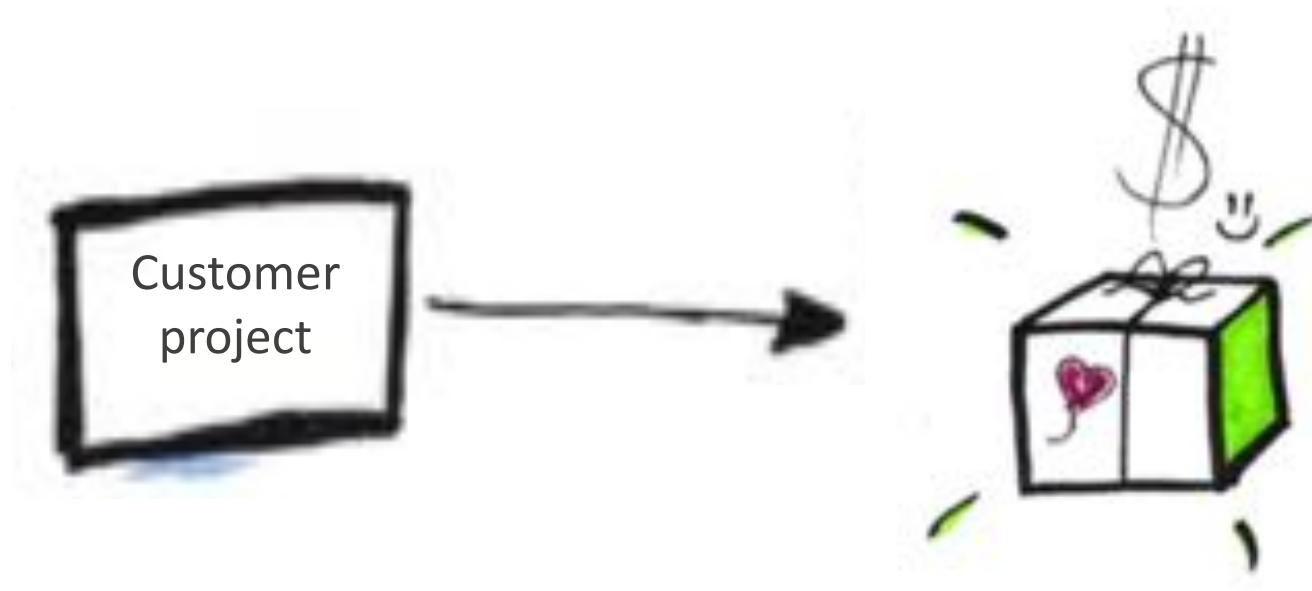
User experience



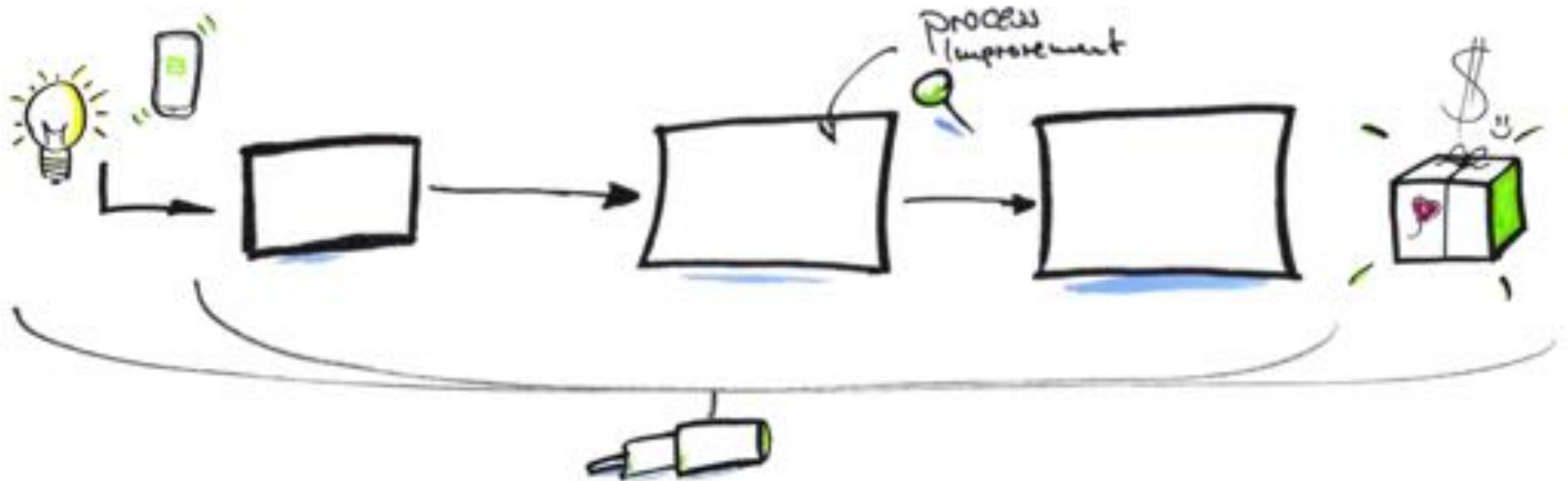
From time framed initiatives to continuous improvement



From customer projects to products that deliver value



From local optimization to optimizing value streams



Challenges are becoming more and more visible

Actively working on achieving the vision

Contradicting goals

Strong focus on daily business



Where we started



Fast physical feedback & visibility of problems



Ambient Awareness / eXtreme Feedback Devices



Fluidtime: Mechanical display unit with shoes



"Red Bear Alert!" - The Hudson Bear Lamps



RETALIATION - A Jenkins "Extreme Feedback" Contraption



Jenkins Build Monitor View

**We shape our buildings and
afterwards our buildings shape us**

Winston Churchill



Piggy-backing Change



First dashboard: Status





Epiphany I: We are creating too much inventory



Flowboard

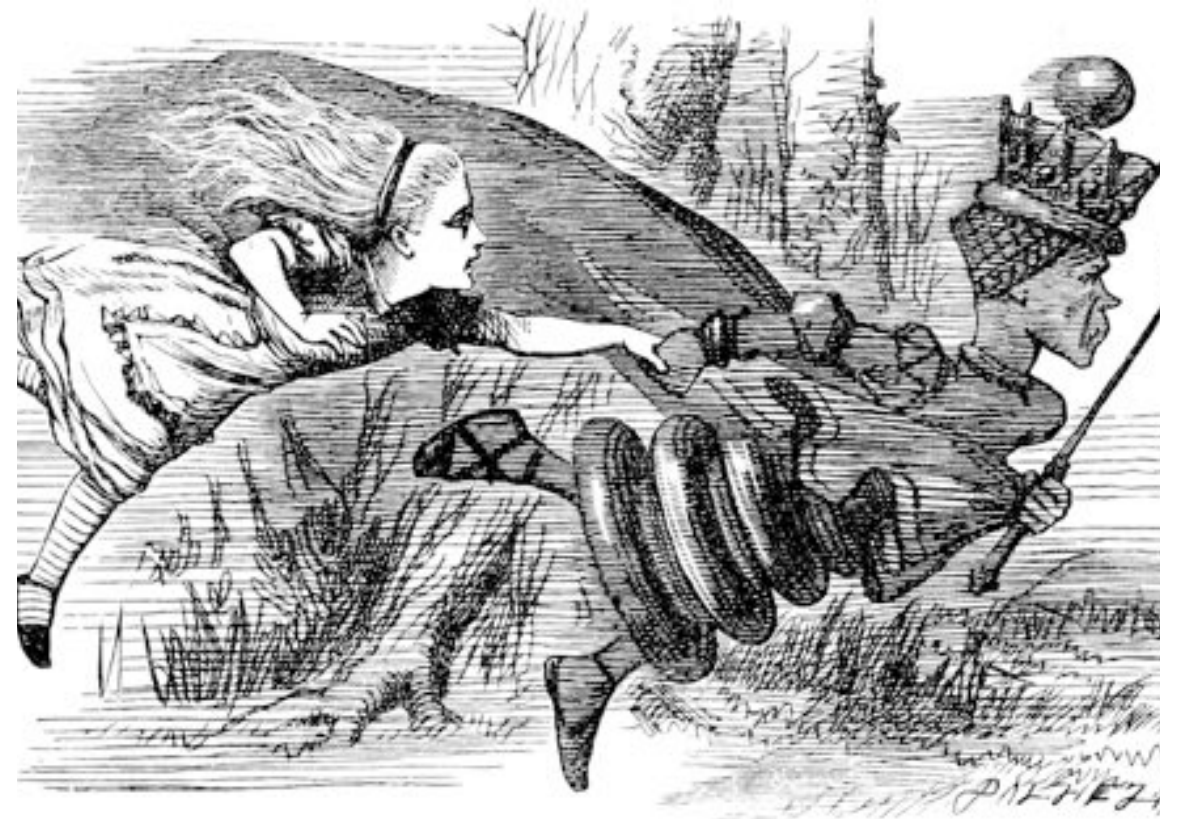


Epiphany II – We will never be able to run fast enough

Red Queen's race

“My dear, here we must run as fast as we can, just to stay in place. And if you wish to go anywhere you must run twice as fast as that.”

— Lewis Carroll, *Through the Looking-Glass, and What Alice Found There*



https://en.wikipedia.org/wiki/Red_Queen%27s_race#/media/File:Alice_queen2.jpg

Local Optimization & the Urgency Paradox



Klaus Leopold Why Agile Teams Have Nothing To Do With Business Agility
John Smart <https://medium.com/sooner-safer-happier/agility-build-the-right-thing-69d316aeb56b>

TLDR; Just give me the code!

- You can find the code of the dashboards that I developed here:

<https://github.com/rompic/Smashing-Flowboard>

- Find a blog post with more details here:

<https://pickl.eu/blog/>

- Forrester has recently published:

- [Elevate Agile-plus-DevOps with VSM](#) which describes the benefits of the tools available in the emerging Value Stream Management market.
- [The Forrester Wave™: Value Stream Management Solutions, Q3 2020](#) which list 11 leading providers of such tools

Road ahead



Concrete next steps

Cross product
prioritization and planning

Establish meaningful KPIs
to make real performance
of product development
measurable

**Conduct value stream
analyses** in various
departments and draw the
respective conclusions

Work on **cross product
topics** to set a frame

Scale Continuous
Improvement

The challenges that still remain

Ensuring to make our achievements relevant and sustainable for the organization

Removing impediments arising from our company structure, culture etc.

Reflecting and learning a lot about EB and organization development

Transforming into a value-creating product company that is future-proof!!!



Thanks a lot and get in touch!



Elektrobit

Manja Lohse, PhD
Roman Pickl (@rompic)
www.elektrobit.com

