





# The Need for Speed in Innovation

...to rapidly respond to uncertainties.







Why were some governments' responses to COVID-19 so slow?

**Legacy structures?** 

Physical Assets

# What is slowing down big old organizations?

Lack of Competence

Laws & regulations

Chain of Command

Legacy IT

Organizational Silos

Things are still good.

**Existing Contracts** 

A century of thinking the same way

Top-down Leadership

10 000s employees to care about



```
C:\>TYPE AUTUEXEC.BAT

@ECHO OFF
SET PROMPT $P$G
SET PROMPT $P$G
SET DIRCMD=/P /A
SET DIRCMD=/P /A
SET SOUND=C:\SB16
SET SOUND=C:\SB16
SET BLASTER=A220 I5 D1 H5 P330 T6
LH C:\MOUSE\MOUSE.COM
LH C:\MOUSE\MOUSE.COM
LH C:\MOUSE\MOUSE.COM
CLS

C:\>TYPE CONFIG.SYS

FILES=40
FCBS=10
BUFFER$=20
LASTDRIVE=J
COUNTRY=045,865,C:\DOS\COUNTRY.SYS
DEVICE=C:\DOS\HIMEM.SYS
DEVICE=C:\DOS\HIMEM.SYS
DEVICE=C:\DOS\HIMEM.SYS
DEVICE=C:\DOS\ANSI.SYS
DEVICEHIGH=C:\CDROM\CDROM.SYS
C:\>
```



Service Experience at Work vs.

Service Experience as a Consumer



#### So is this all new under the sun?

No.

Handling strategic uncertainty is well known and studied.

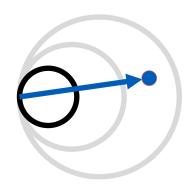
## Three Types of Uncertainty\*

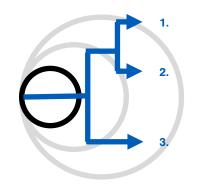
Check out in the reading material!

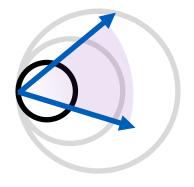


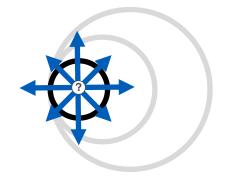
\*Milliken (1987), Three Types of Perceived Uncertainty about the Environment: State, Effect, and Response Uncertainty, The Academy of Management Review, 12 (1).

#### Four different levels for uncertainty\*









Level 3 A range of futures (limited number of numerous scenarios)

Level 4 **True ambiguity** (no lmits for scenarios)

Level 1

A clear-enough future  $Ch_{eck}$  Alternate future (single scenario)

Alternate future Out few scenarios)

number Out In the reading material!





## **Corporate Awakenings**

(even before COVID-19)

#### Awakening #1

## ORGANIZATION'S OWN CULTURE IS THE KEY TO CHANGE.



#### The Principles of Scientific Management

BY

FREDERICK WINSLOW TAYLOR, M.E., Sc.D.

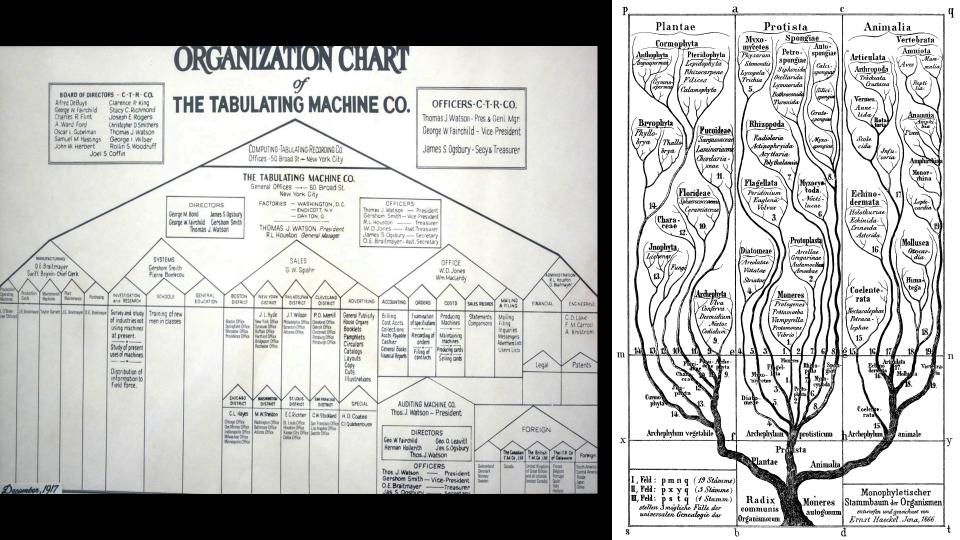
PAST PRESIDENT OF THE AMERICAN SOCIETY OF
MECHANICAL ENGINEERS



#### Taylorism & 19<sup>th</sup> century science

- We can model the organization.
- The leader is the rational observer.
- We can build and run it like a machine.

HARPER & BROTHERS PUBLISHERS NEW YORK AND LONDON 1910



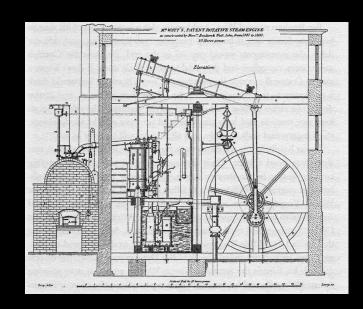
#### Organization as "a scientific machine"

**Hierarchy** = taxonomy of functions.

**Bureaucracy** = causalities, rules.

**Top-down control** = management as a rational observer.

"Management as science" = the correct theory that is predictable.



(Thanks to Esko Kilpi in "Itseohjautuvuus", Alma Talent 2017)

### Agile Manifesto (and its ilk)

- Anti-hierarchy (self-leadership)
- Anti-control (autonomy)
- Anti-bureaucracy (working software)
- Anti-predictability (agility)
- ANTI-TAYLORISM!

#### Manifesto for Agile Softwar

We are uncovering better ways of software by doing it and helping. Through this work we have con-

Individuals and interactions over Working software over comprehe Customer collaboration over comprehence.

That is, while there is value in the right, we value the items on

Responding to change over



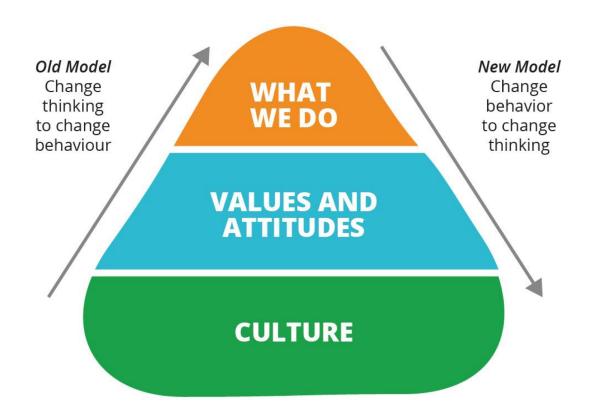
#### Awakening #2

## "WE MUST CHANGE BY DOING, NOT THROUGH POWERPOINTS!"





John Shook



### **UNCERTAINTY?**

Can't Plan it.

Must build

"responsive culture".

### CULTURE, WTF?

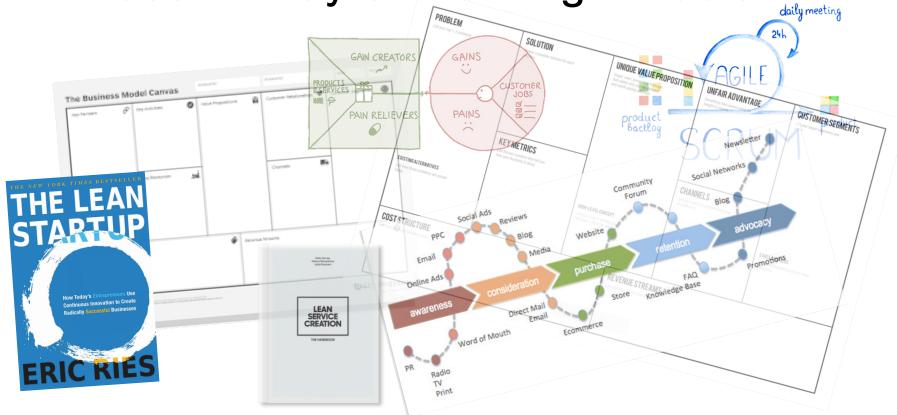
CULTURE = DOING



# DOING = ROUTINES & TOOLS

### ROUTINES & TOOLS

lean startup + design + agile... Mindset & Way of Working & Tools



usiness Model Canvas, Lean Canvas, Value Proposition Canvas, ARRRR, Customer Journey Canvas, Kanban Board, Lean S

#### Uncertainty

### Competitive advantage in uncertainty.

Responsive culture

Autonomous, responsive, shared culture.

Culture = doing

Shared thinking, values, meanings, collective experience.

Routines, tools, practices.

Behavior, actions, tangibility.



Weeklys, canvases, retros, workshops, kanbans...

# ...and that is why we have canvases to tackle uncertainty ©









### Exercise #1

# Asking/drawing/understanding the Big Picture



Outside world

Our company

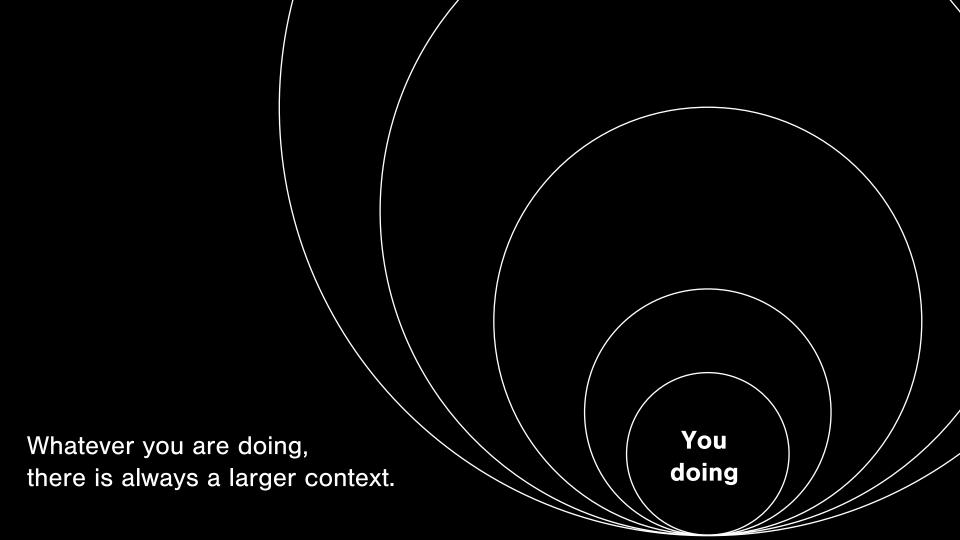
How we organise?

Working in uncertainty is all about understanding your context.

How do we work

What does our team do?









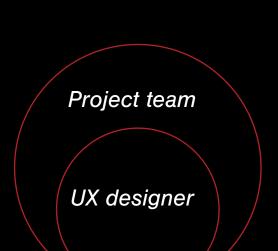
#### Grassroots change.

An example,

UX designer: "I want to learn new agile & lean ways!" You as a facilitator/coach: "Ok. I'll coach you."

(Learns tools, thinking, and skills)

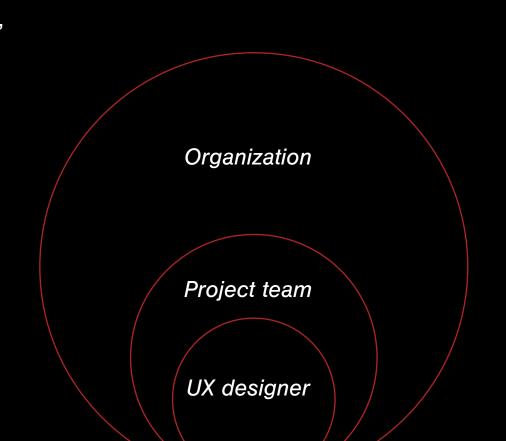
UX designer: "Aaargh. No one in my team gets it!!!"



UX designer: "Can you coach our team?" You: "Ok. I'll coach your team."

(Team learns tools, thinking, and skills)

UX designer: "Aaargh. Our boss and our governance model doesn't get it!"



#### CEO and top execs

UX designer: "Can you coach all our teams and our directors?" You: "Ok. I'll coach them all."

(Teams, directors and PMO learn tools, thinking, and skills)

UX designer: "Aaargh. Our company strategy and executives don't get it!"

Organization

Project team

UX designer



Change Leader

Org. change agent

Facilitator, coach

Mentor

Role of a facilitator?

#### Larger context.

"People don't want to buy a quarter-inch drill, they want a quarter-inch hole."

Theodore Levitt, Harvard Business Professor



### Once you clarify the context...

- You make the success criteria visible.
- You make your part help the larger whole.
- You engage others, especially decision-makers.
- Your work is strategic.
- Your work is inspirational.
- Your work is meaningful for others.
- Your work is motivated.
- Your work is about impact and change.



# Week #1 exercise: Draw the context of your pair's work.

- What is their current project?
- What is the organization they do the project for?
- Draw the "onion"!
- Switch roles.
- NOTE! The person drawing is the one who is asking.

- Make sure you understand what you are drawing.
- Reflect together 5-10 min what you learned and how would you apply the learnings.
- Return your drawings and reflection bullet points to <u>facilitating@aalto.fi</u>.

