



Quality Storming

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Hands On
**DOMAIN-
DRIVEN
DESIGN**
by example

Michael Plöd

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cheaper**



Book Voucher: 7.99 instead of (min) 9.99
<http://leanpub.com/ddd-by-example/c/speakerdeck>



Lincoln Stoll

@lstoll



The solution: Kafka. The problem? You tell me.

[Original \(Englisch\) übersetzen](#)

10.05.18, 01:43 von [Köln, Deutschland](#)



Quality Storming

**Collaborative modeling for a cross-skill
collection and prioritization of quality
requirements for software**

Main influence:

"Everybody knows the problem: we need to be more innovative. Now we've got the solution: *Gamestorming*. This smart, fun, hands-on book will energize your brain and mobilize your creativity—and do it using stuff you already have in your office supply closet!"

— Daniel H. Pink, author of *Drive* and *A Whole New Mind*

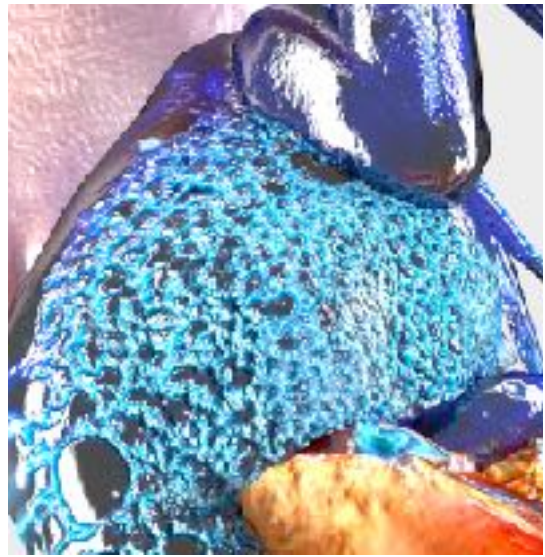
Game storming

A Playbook for Innovators,
Rulebreakers, and Changemakers



O'REILLY*

Dave Gray
Sunni Brown
James Macanuso



Phases of Quality Storming

Phases

1) Selection of quality model

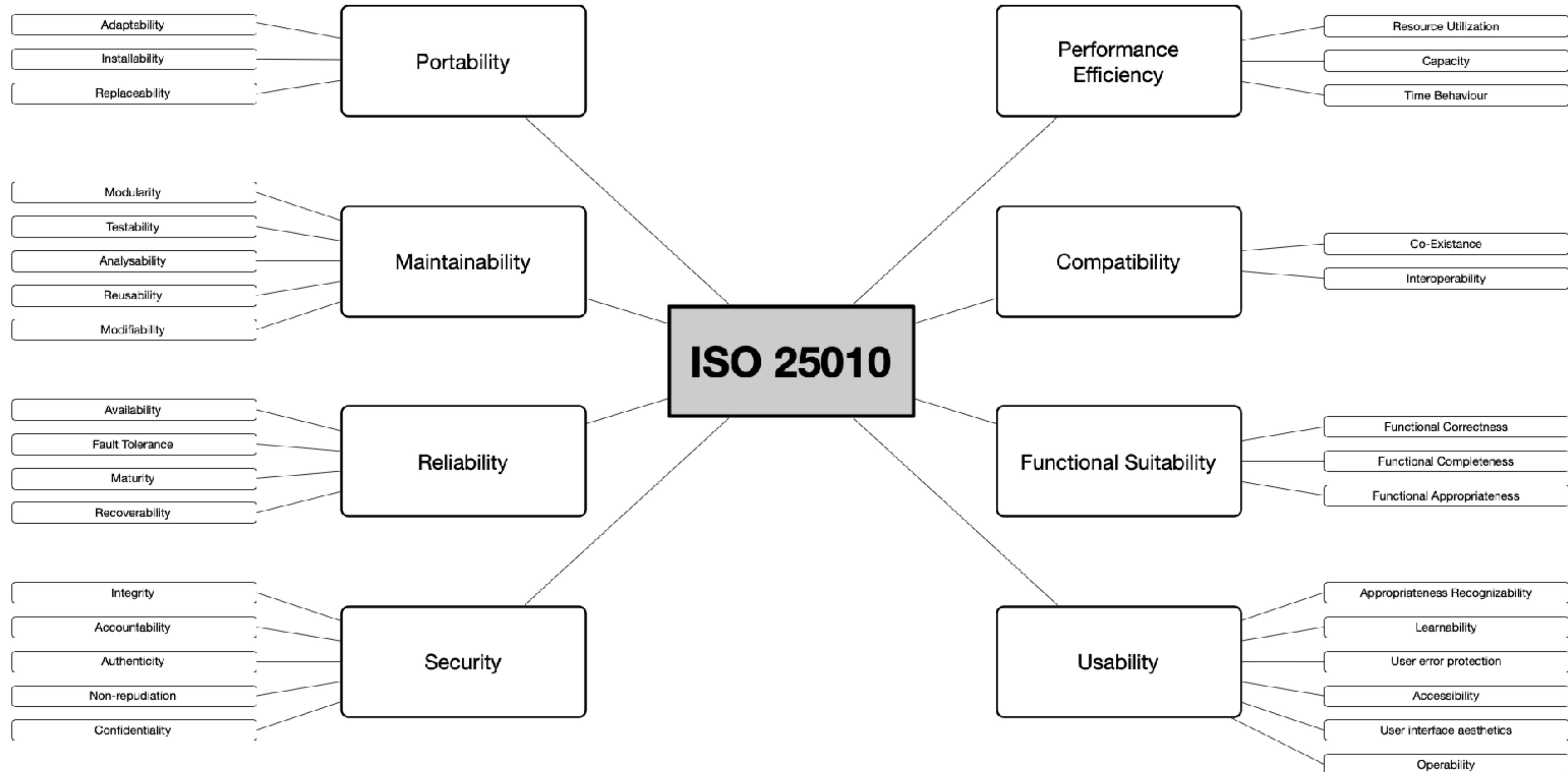
2) Invitation of participants

3) Preparation of workshop

4) The actual workshop

5) Work with the requirements & refine

Selection of the quality model



Invite the right folks!

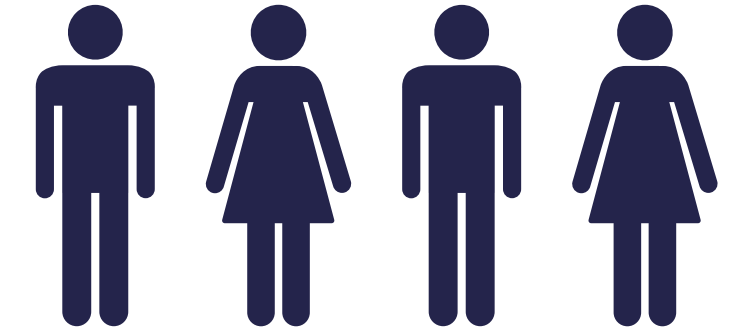
**We want a high diversity of
stakeholders**



Senior
Management



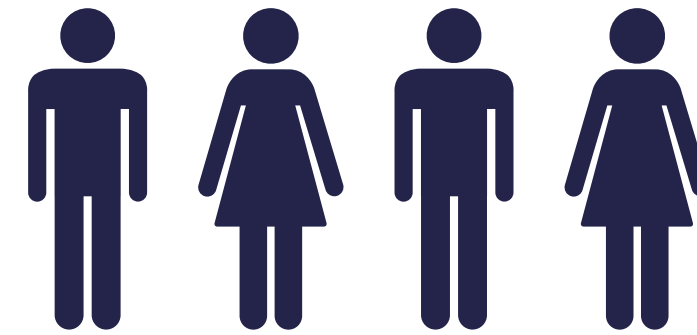
Project
Management



UX



Developers
Architects



Requirements
Engineering



Domain
Experts



Product
Owners



Operations



Testing

The ideal amount of people is:

**Number of top-categories of
quality model x 2 or 3**

Preparation

A good preparation of the workshop is a key success factor:

- Manage the expectations
- Choose a suitable room with a lot of free space
- Make sure that all needed equipment is in place



A good workshop room...

- has (re-)movable desks and chairs (avoid wired desks!)
- has sufficient space for the participants to move around
- is bright

Equipment checklist

One pinboard for every top-category of the quality model

Printed description of every top- and sub-category of the quality model

A lot of sticky notes

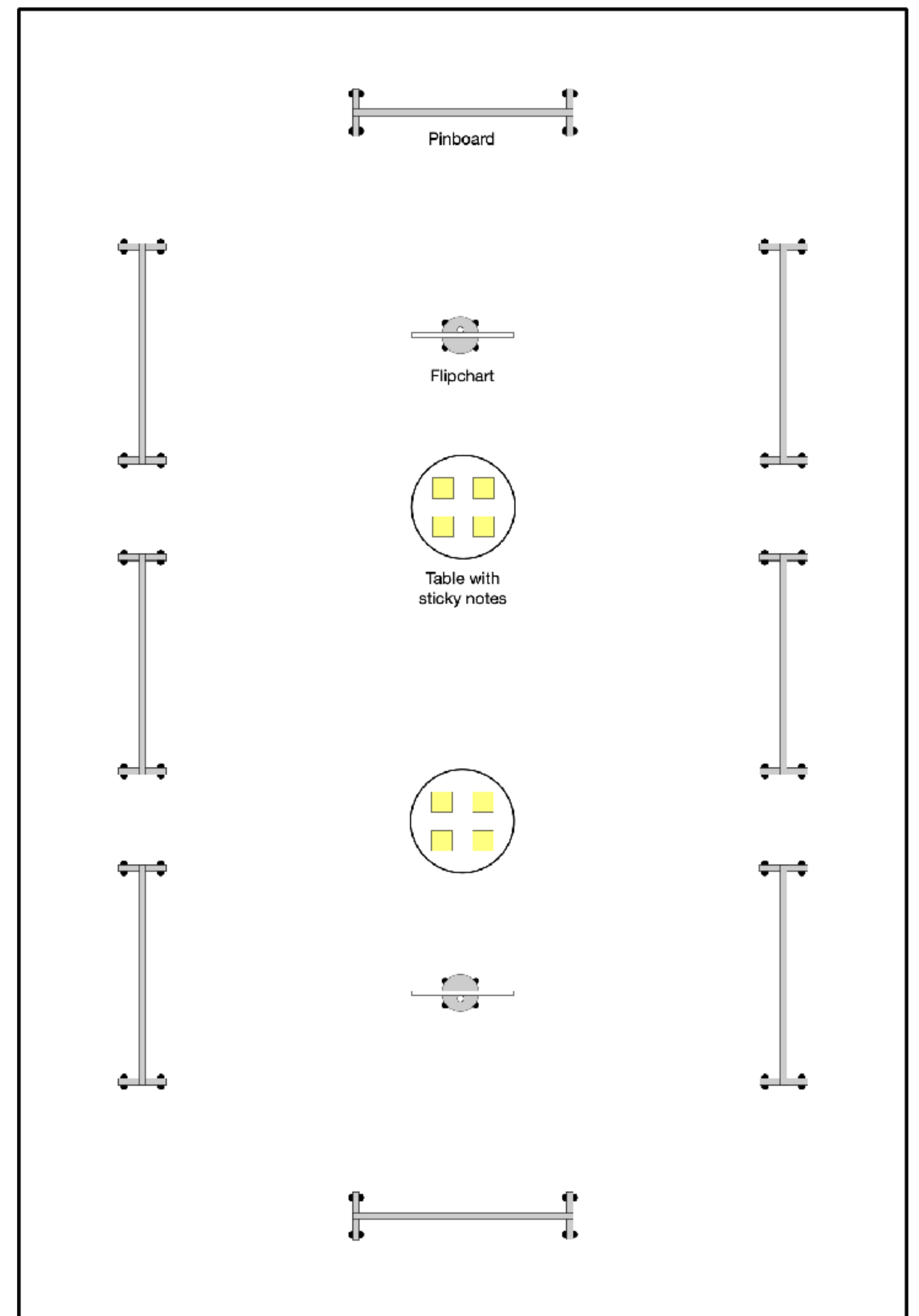
Good black pens (Edding 1300 or Sharpies for example)

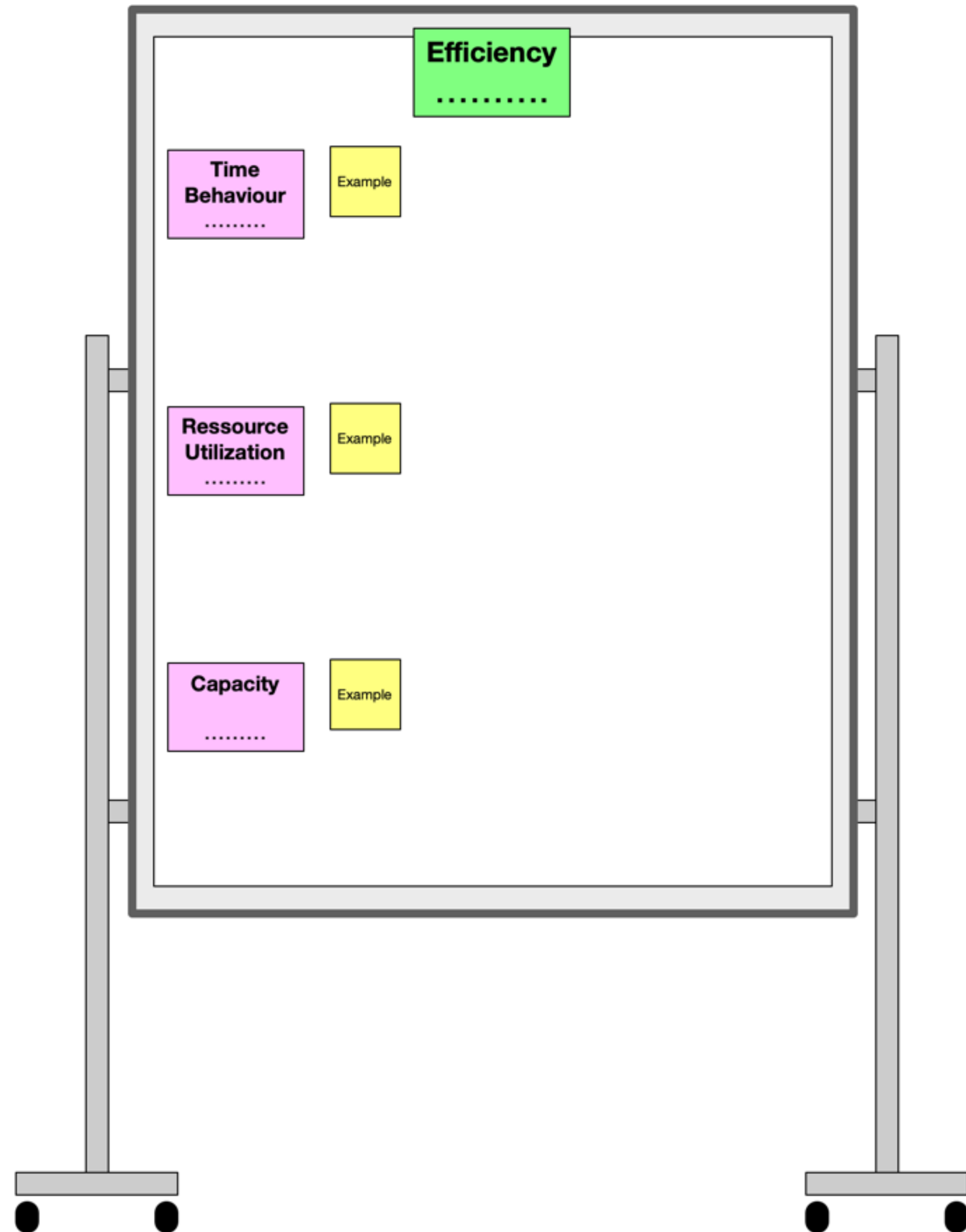
Sticky dots

One or two flipcharts

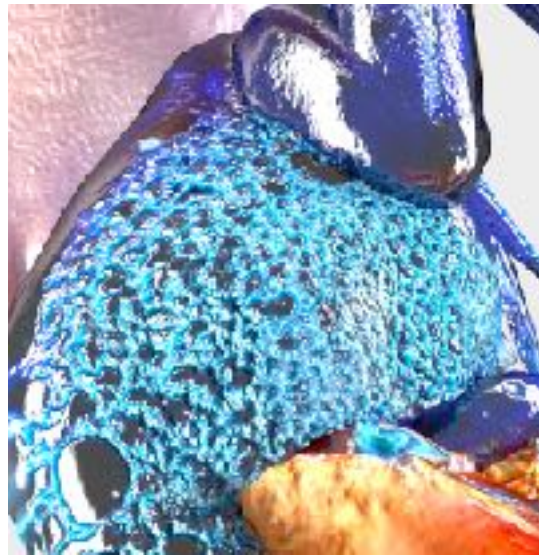
Some healthy snacks

Setup the workshop room like this





**Prepare each
pinboard for one top-
category of the
quality model**



Quality Storming workshop

Steps

1) Intro

2) Broad Collection

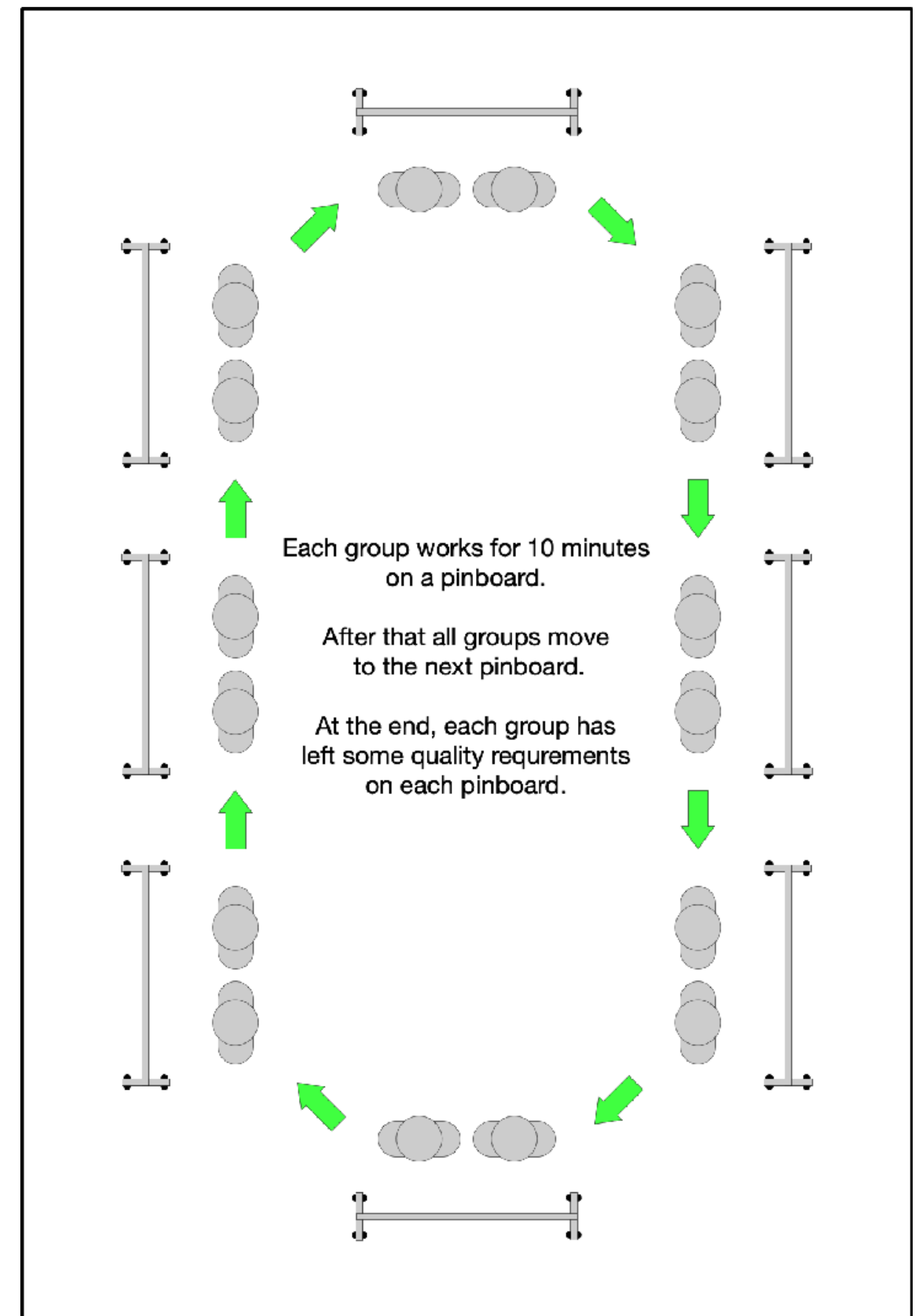
3) Consolidation

4) Prioritization

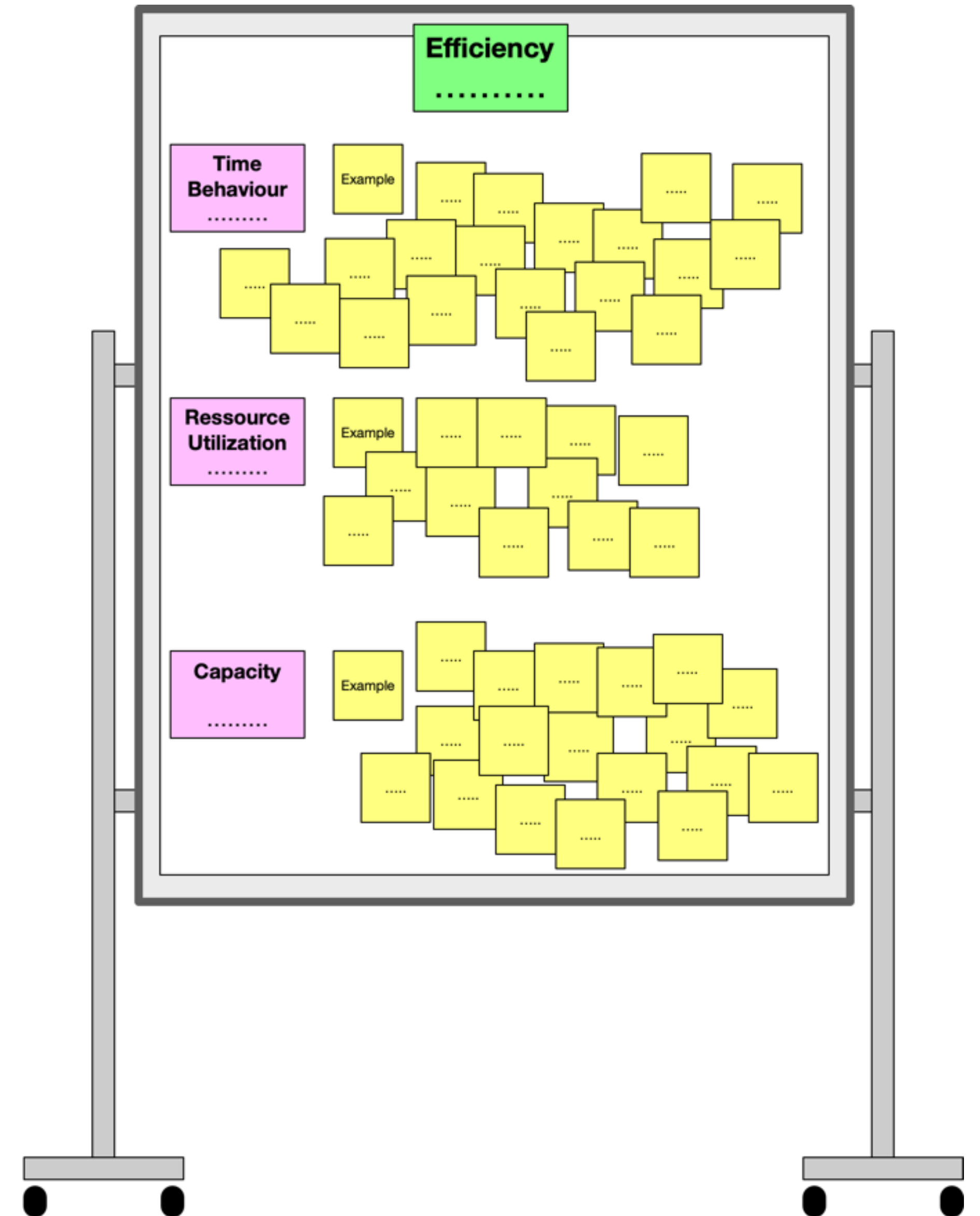
5) Outlook

Broad Collection

- 2-3 people on each pinboard
- Collection of quality criteria for 10 minutes
- After 10 minutes each group moves to the next pinboard
- At the end, each group has left some quality requirements on each pinboard

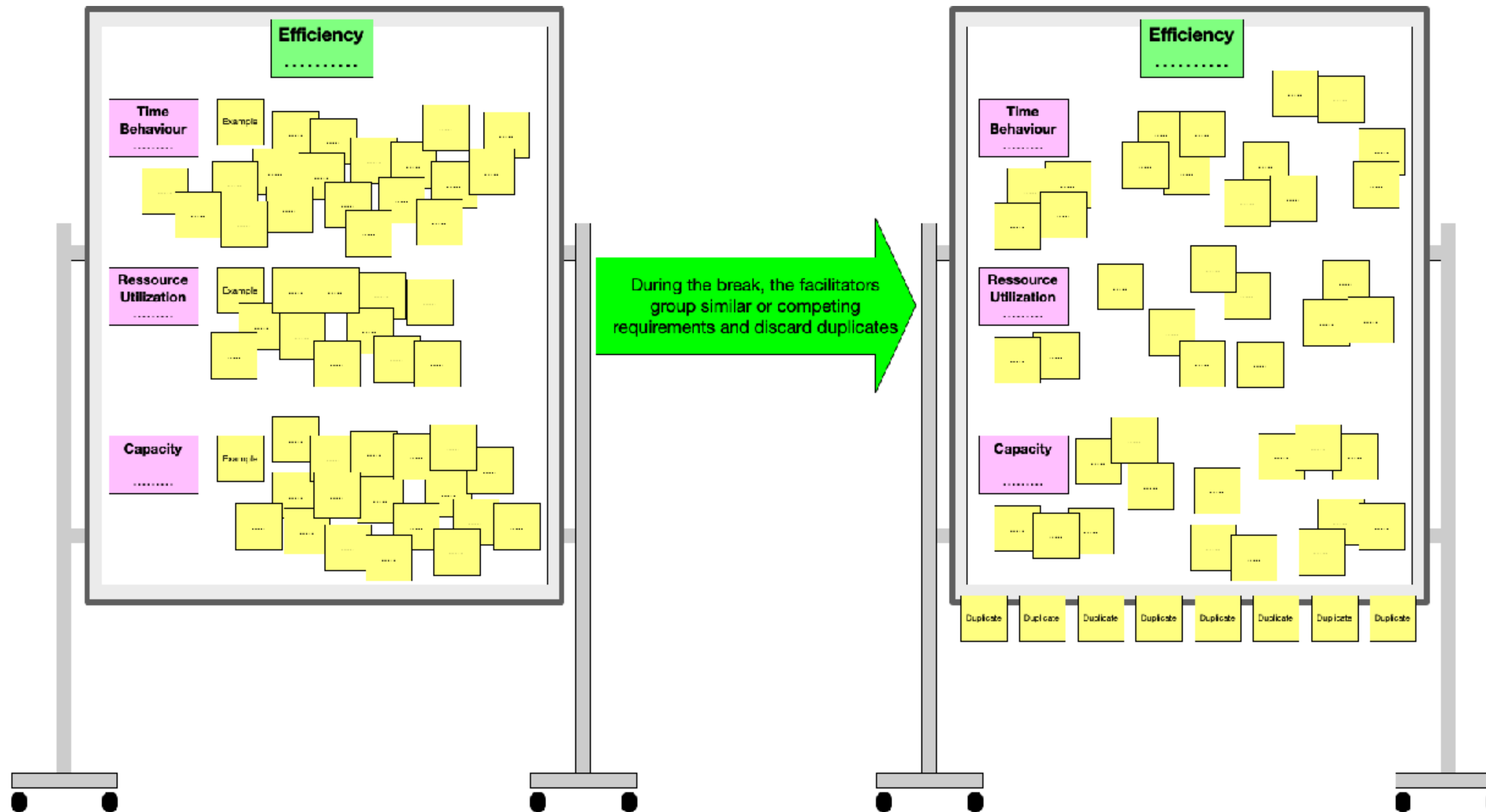


**The end result of the
broad collection:
a lot of quality requirements
which may contain some
conflicts**



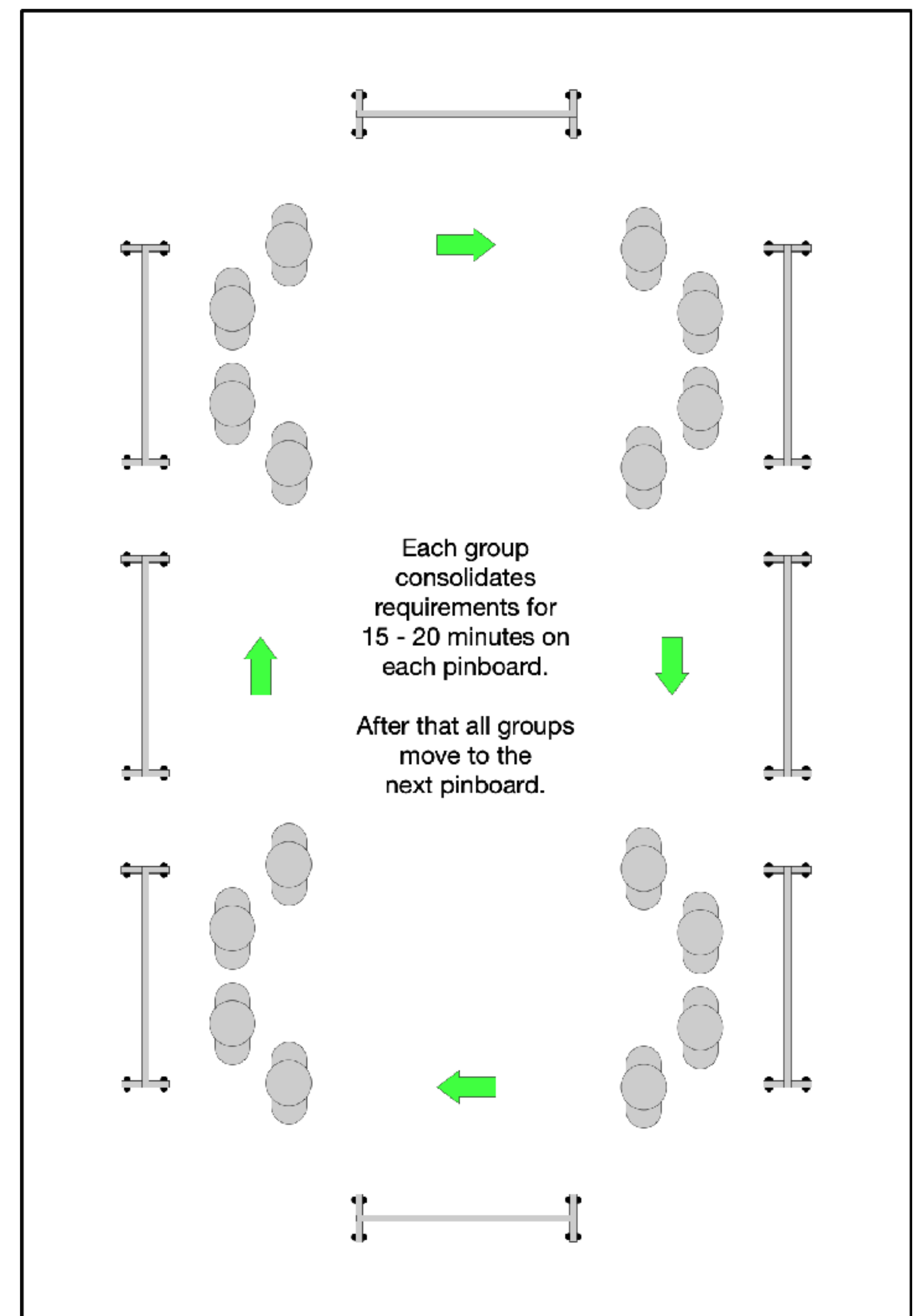
**After approx 90 minutes the
participants deserve a 20 - 30
minute break**

During the break, the facilitators group similar or competing requirements and discard duplicates

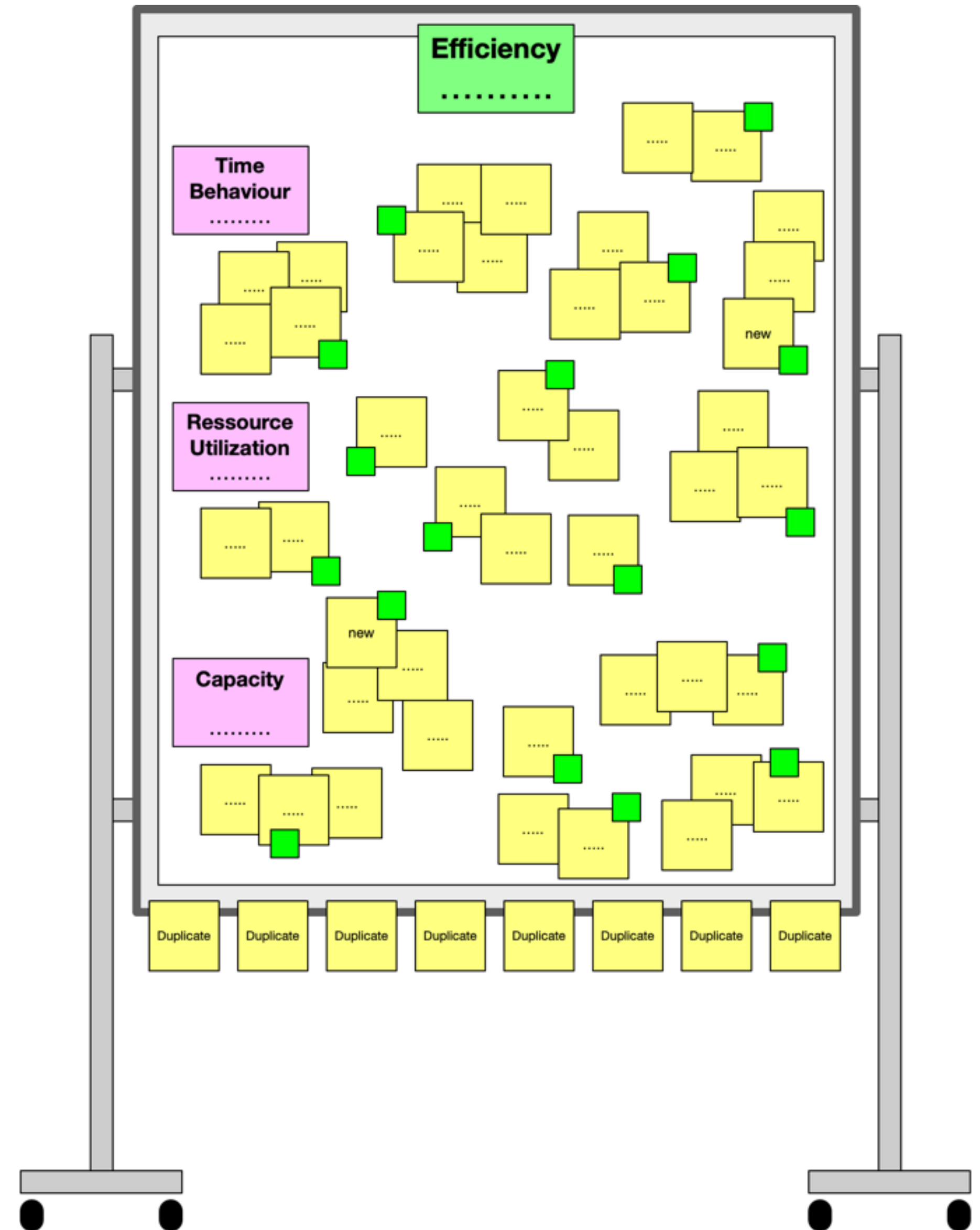


Consolidation

- 4-6 people on each pinboard
- Each group consolidates requirements for 15-20 minutes on each pinboard
- After that the groups move to the next pinboard
- Each pinboard should have been visited by two groups

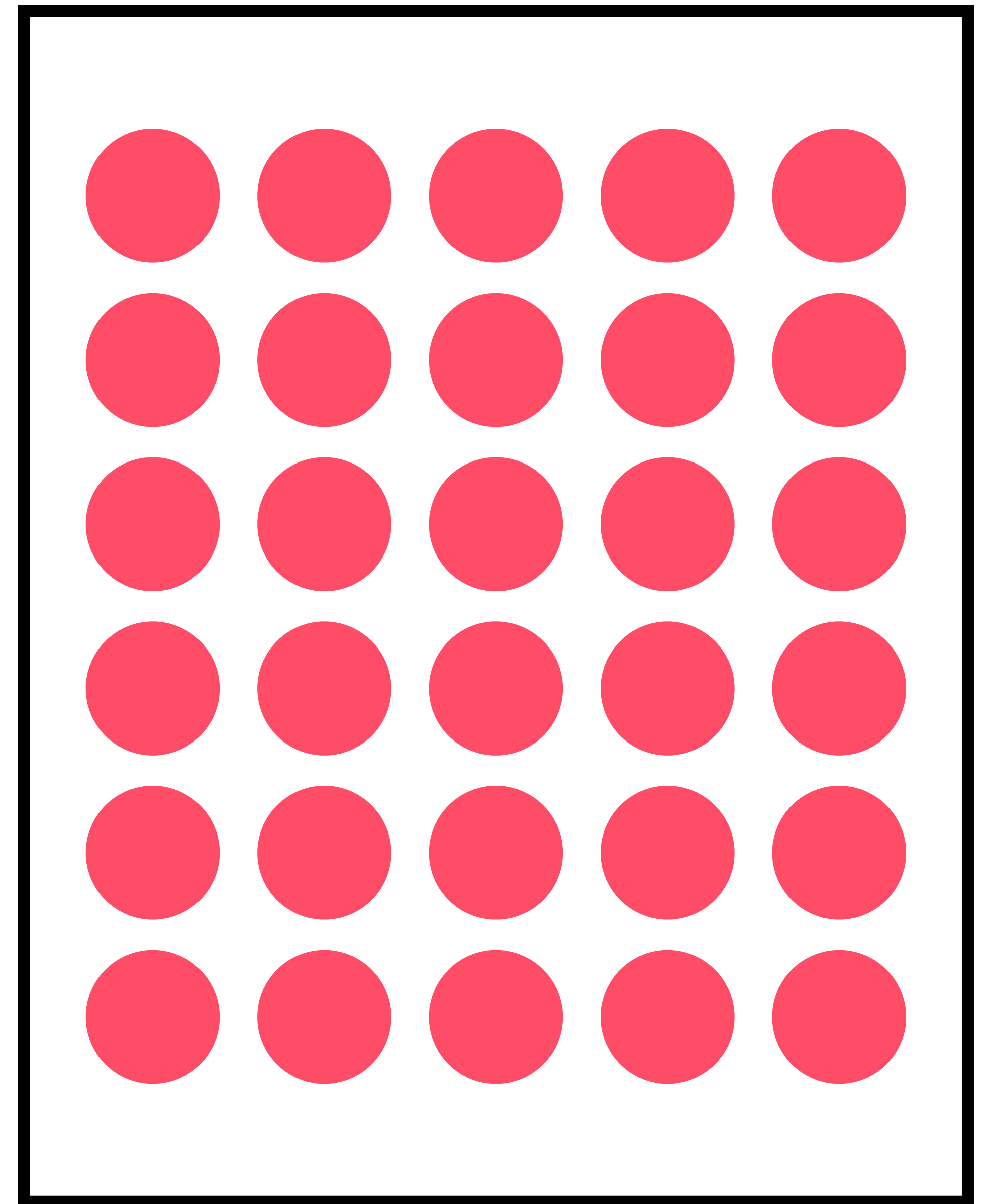


The end result of the
consolidation:
Quality requirements which the
team will work with



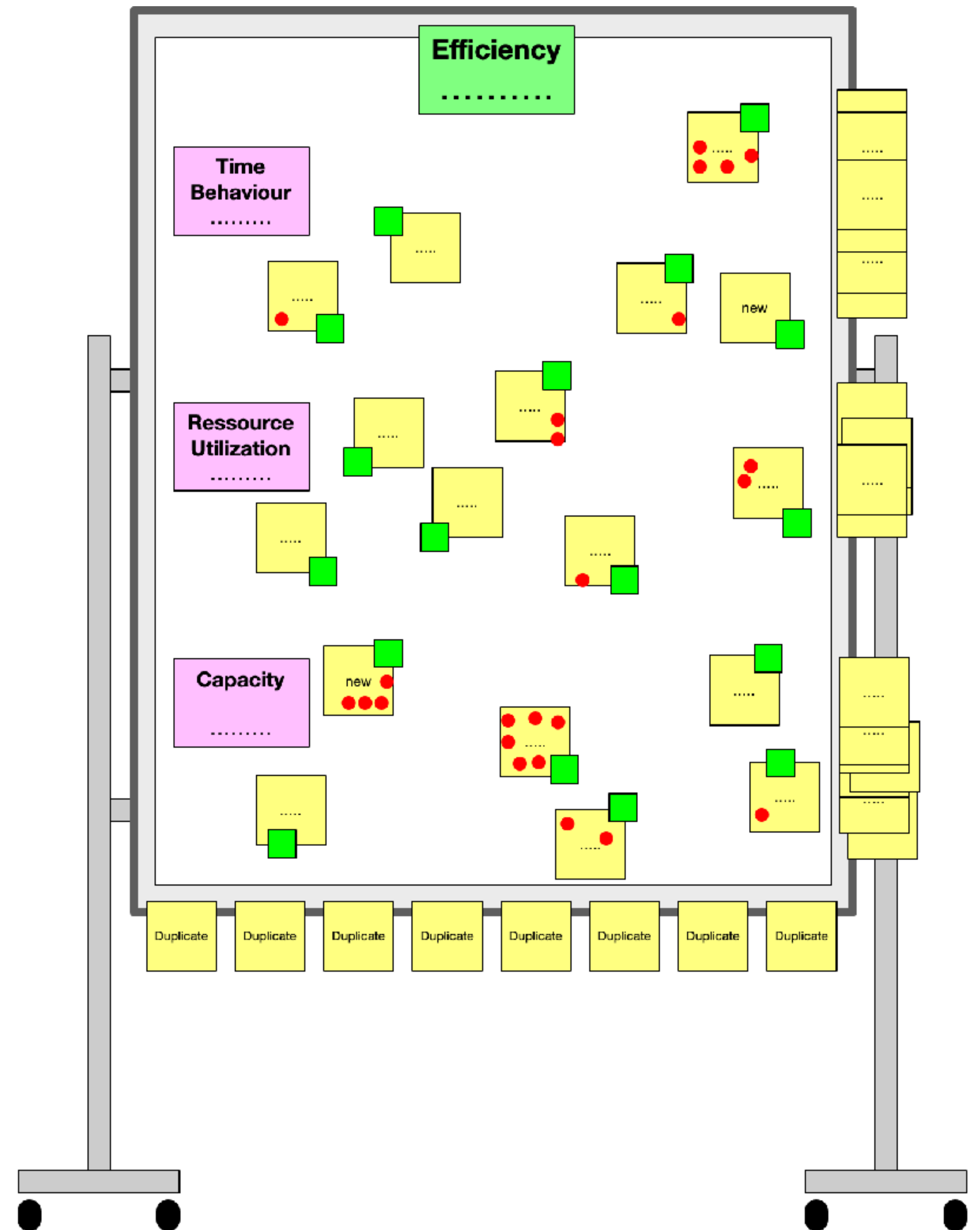
Prioritization

- Dot-Voting
- Each participant gets some sticky dots (approx 15-25% of the number of collected quality requirements)
- Participants are asked to mark their most important quality requirements with the sticky dots



The end result of the prioritization:

A set of prioritized quality
requirements



Quality Storming

preparation

broad collection

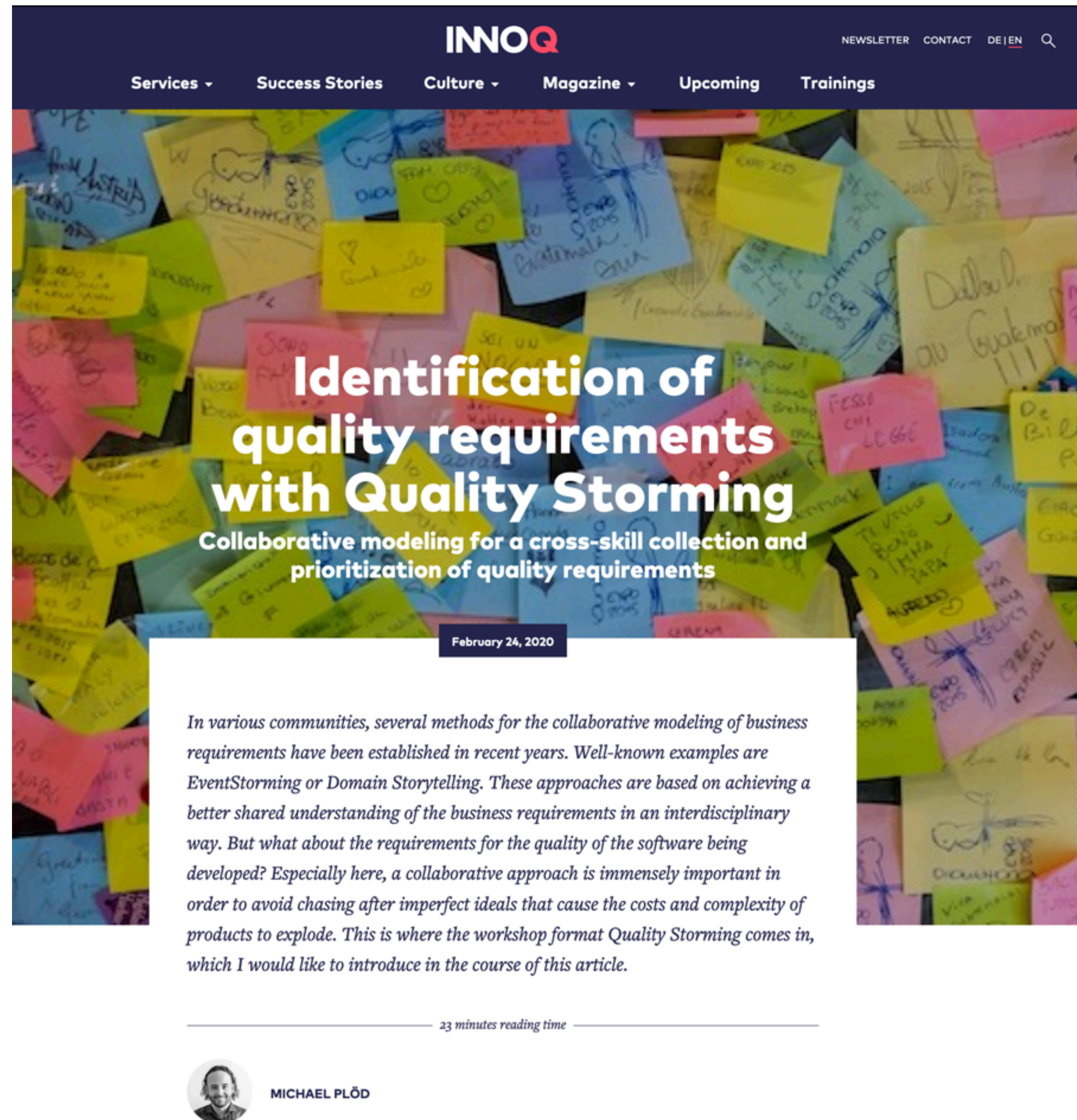
consolidation

prioritization



Read the full
description on
innoq.com

(in English and German)



The screenshot shows the innoq.com website. The header is dark blue with the innoq logo in white and red. Navigation links include Services, Success Stories, Culture, Magazine, Upcoming, and Trainings. A dark blue banner features a background image of many colorful sticky notes with handwritten text. The article title 'Identification of quality requirements with Quality Storming' is in large white text. Below it, a subtitle reads 'Collaborative modeling for a cross-skill collection and prioritization of quality requirements'. The date 'February 24, 2020' is in a small dark blue box. The main text is in a serif font, discussing collaborative modeling of business requirements. At the bottom, there is a horizontal line with '23 minutes reading time' in the center, a circular profile picture of Michael Plöd on the left, and his name 'MICHAEL PLÖD' on the right.

innoq

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Identification of quality requirements with Quality Storming

Collaborative modeling for a cross-skill collection and prioritization of quality requirements

February 24, 2020

In various communities, several methods for the collaborative modeling of business requirements have been established in recent years. Well-known examples are EventStorming or Domain Storytelling. These approaches are based on achieving a better shared understanding of the business requirements in an interdisciplinary way. But what about the requirements for the quality of the software being developed? Especially here, a collaborative approach is immensely important in order to avoid chasing after imperfect ideals that cause the costs and complexity of products to explode. This is where the workshop format Quality Storming comes in, which I would like to introduce in the course of this article.

23 minutes reading time

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Thank you!

Michael Plöd

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