

**<eSS**

# Large-scale Agile Health Metrics

# Why?

1. Quick **identification** of potential **problems** in product development **dynamics**.
2. Provide a starting point for **discussions** on product development **dynamics**.
3. Be able to answer **corporate demand** on **metrics** in the least harmful way.
4. Suggest metrics to also **measure non-LeSS agile adoptions**.

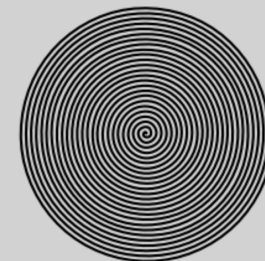
amount of **backlogs**  
that **exist longer** than  
**exactly one Sprint**

percentage of **items**  
in **Product Backlog**  
that your **end-user**  
can **understand**  
without additional explanation

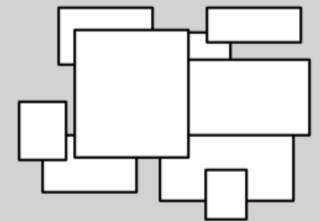
Customer Centric

**commits**  
per developer  
per **day**

### Incremental Design



growing



building

percentage of  
**commits**  
directly to **trunk**

## Continuous Integration

Continuous Integration is a **developer practice** with the goal to always keep a **working system** by making **small changes**, slowly growing the system and **integrating** them at least **daily** on the **mainline** typically supported by a **CI system** with lots of **automated tests**

- Increases transparency
- Increases cooperation and communication
- Enables people to work on same code



percentage of **items**  
**selected** in Sprint  
that **didn't exist** before  
previous **Sprint Review**

aka Terry's Agility Index

**started but not done  
items at the end of Sprint**

# ancestors in progress per Sprint

## Maximising Dependencies



Dependent on

## Shared Work



vs

amount of **days** per week  
with **all teams in office**

# Definition of Done

**MORE**  
*with*  
**LESS.**