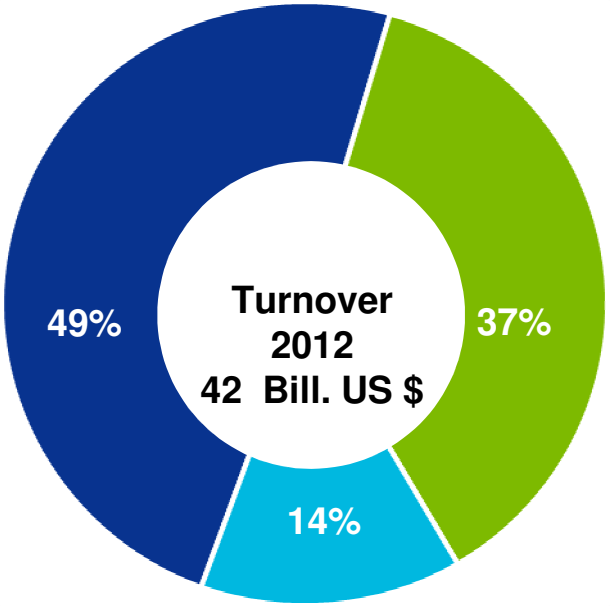
XP2013, 14th International Agile Software Development ,June 3rd – 7th ,Vienna

Agile Product Development at Johnson Controls Automotive Experience

Johnson Controls

Company Structure

Automotive Experience



Building Efficiency

Power Solutions

.

Johnson Controls

Products: So what do we produce ?

Seating Components , Metals and Mechanisms

1

Johnson Controls

Products: So what do we produce ?

Complete Seat Systems

2

Johnson Controls

Products: So what do we produce ?

Electronic Driver Information Systems

3

Johnson Controls

Global Engineering Network

242 locations
in 34 countries

Johnson Controls

Customer Examples (OEM)

Johnson Controls

Agile Coach

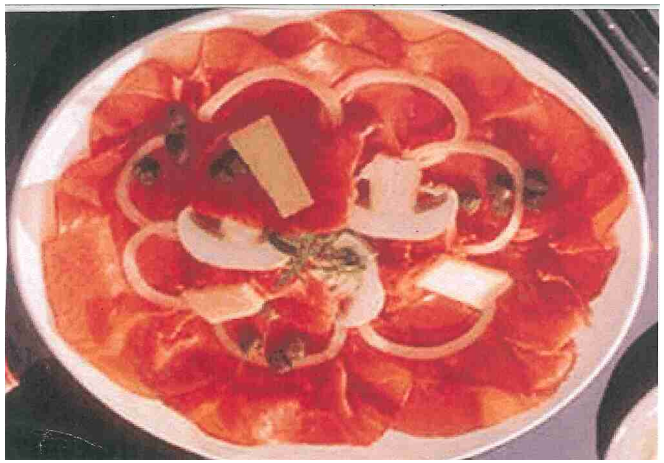
Gregory Yon

- Senior Product Engineer
- Agile Coach
- Six Sigma Black Belt
- Department: Engineering Operations & Systems Europe

Johnson Controls

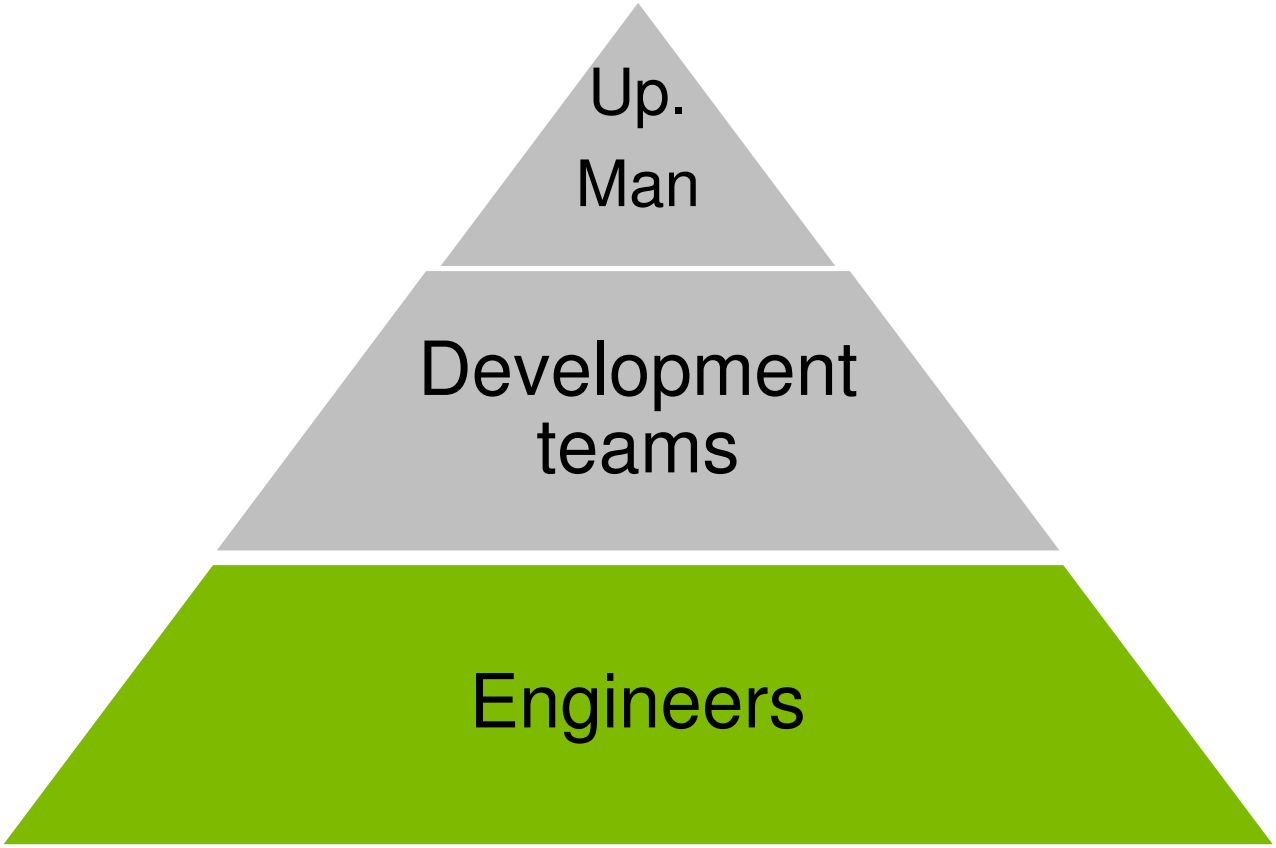
Elevator Speech

„I help teams to develop world class products by reminding them to focus on Elephants and Carpaccio."



Johnson Controls

Internal customers



Johnson Controls

Happy about Scrum

Engineers

Johnson Controls

Why ?

- Visualisation
- Clear goals
- Pausing
- Celebrating

Engineers

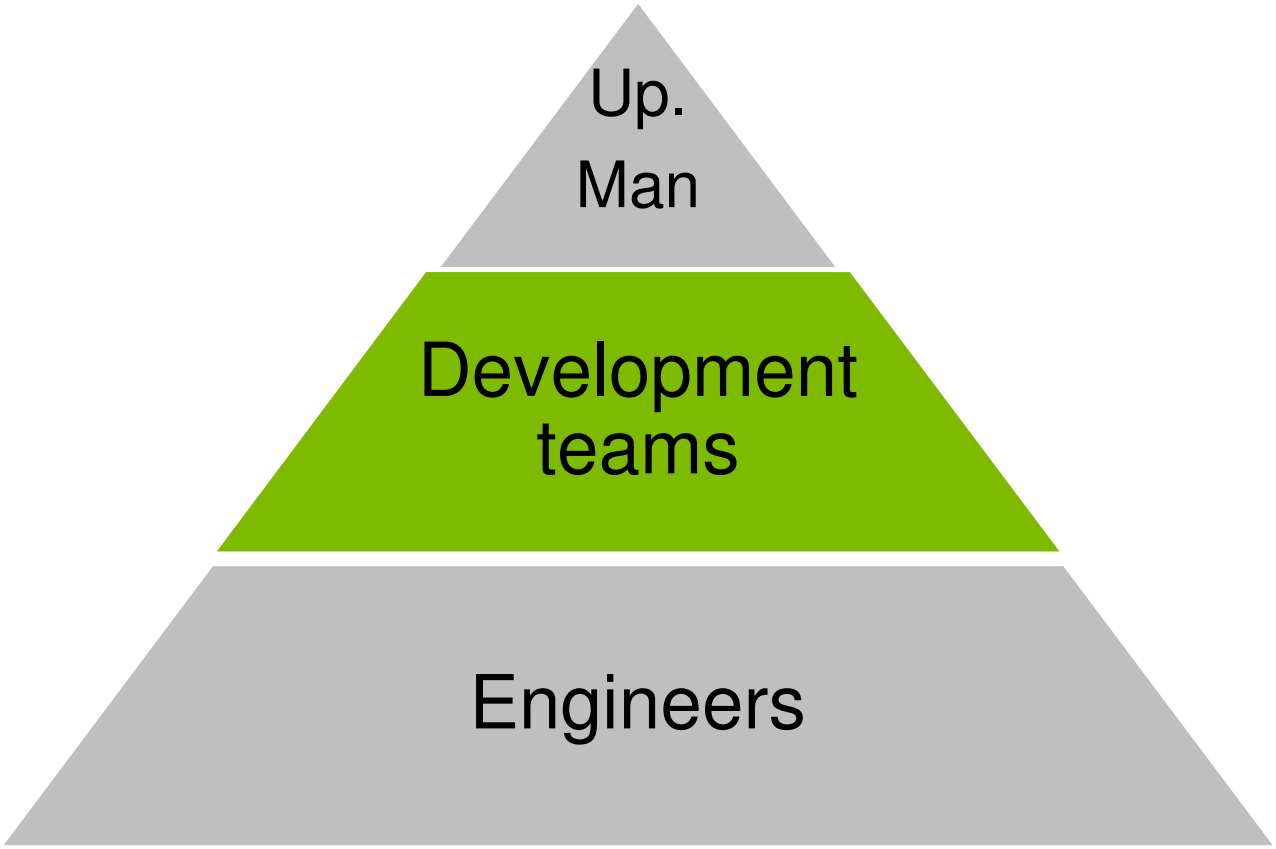
Johnson Controls

A Sunvisor story

Engineers

Johnson Controls

Internal customers



Johnson Controls

A Chairmain‘s award

1. Flawless & silent launch
2. Scrum – commitment vs participation
3. Savings 2,5 mil €
4. 30% saving in benchmark time

Development teams

Johnson Controls

Reflecting

Development teams

Johnson Controls

What went well ?

- Started correctly ,upper management commitment
- Training
- Planning & Commitment meeting next day
- Daily day after
- Pausing during the project

Development teams

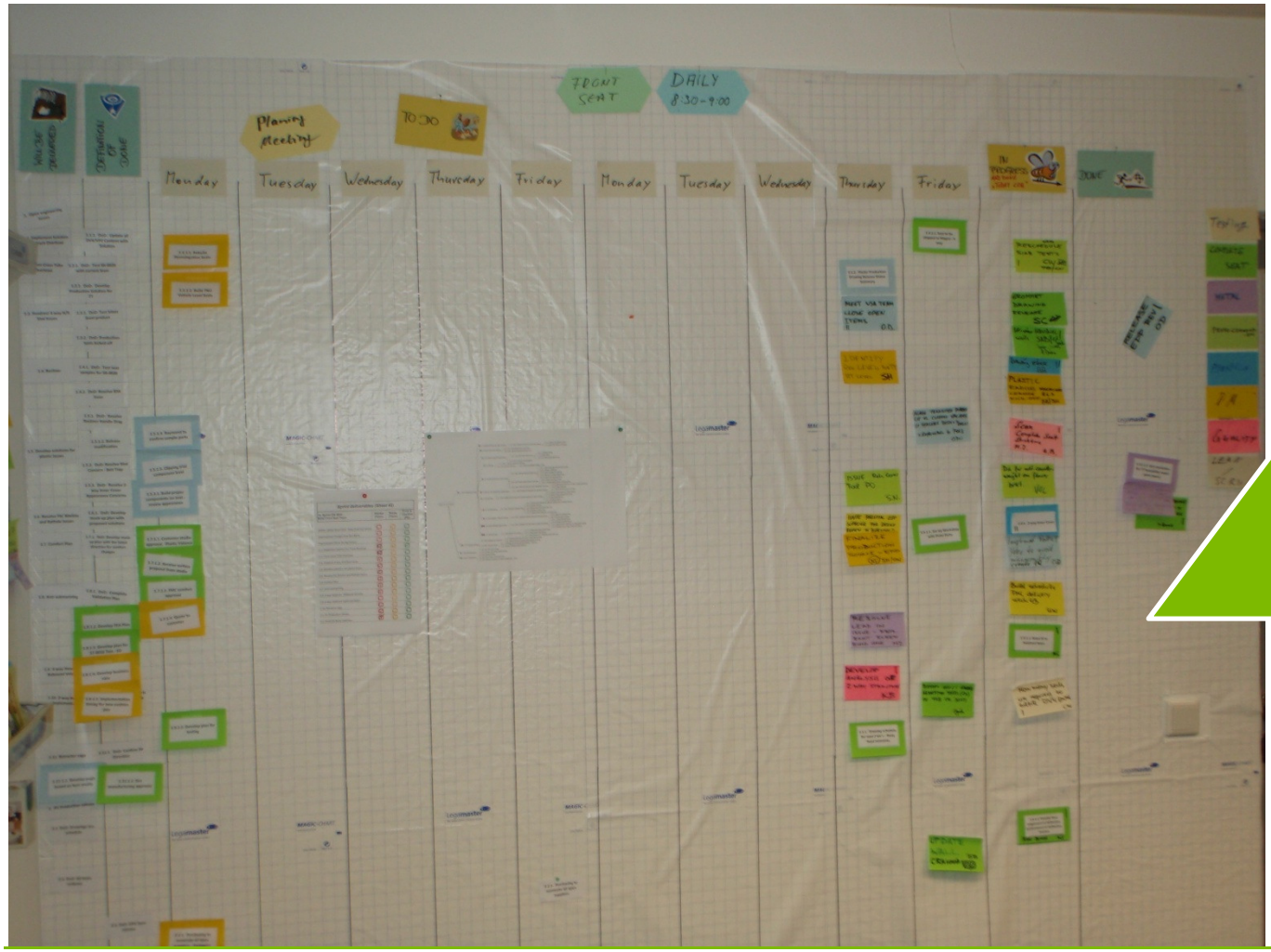
Johnson Controls

A typical planning session

Development teams

Johnson Controls

A Scrum board



Development teams

Johnson Controls

A typical daily session

Johnson Controls

No ! No time at all

Development teams

Stay in the moment

Johnson Controls

Fore-runner of Scrum

Development teams

Johnson Controls

ScrumMaster

Johnson Controls

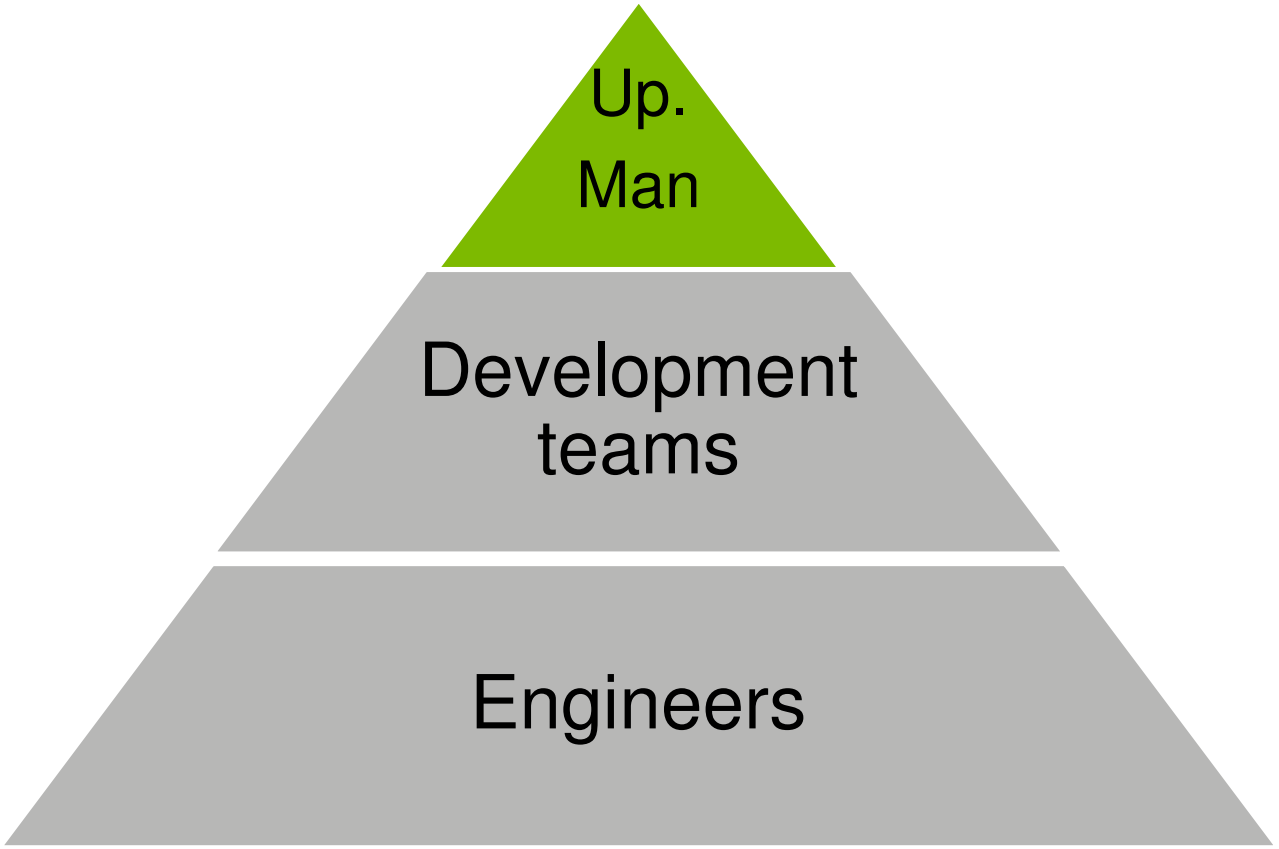
Scrum

Development teams

All future projects - Scrum

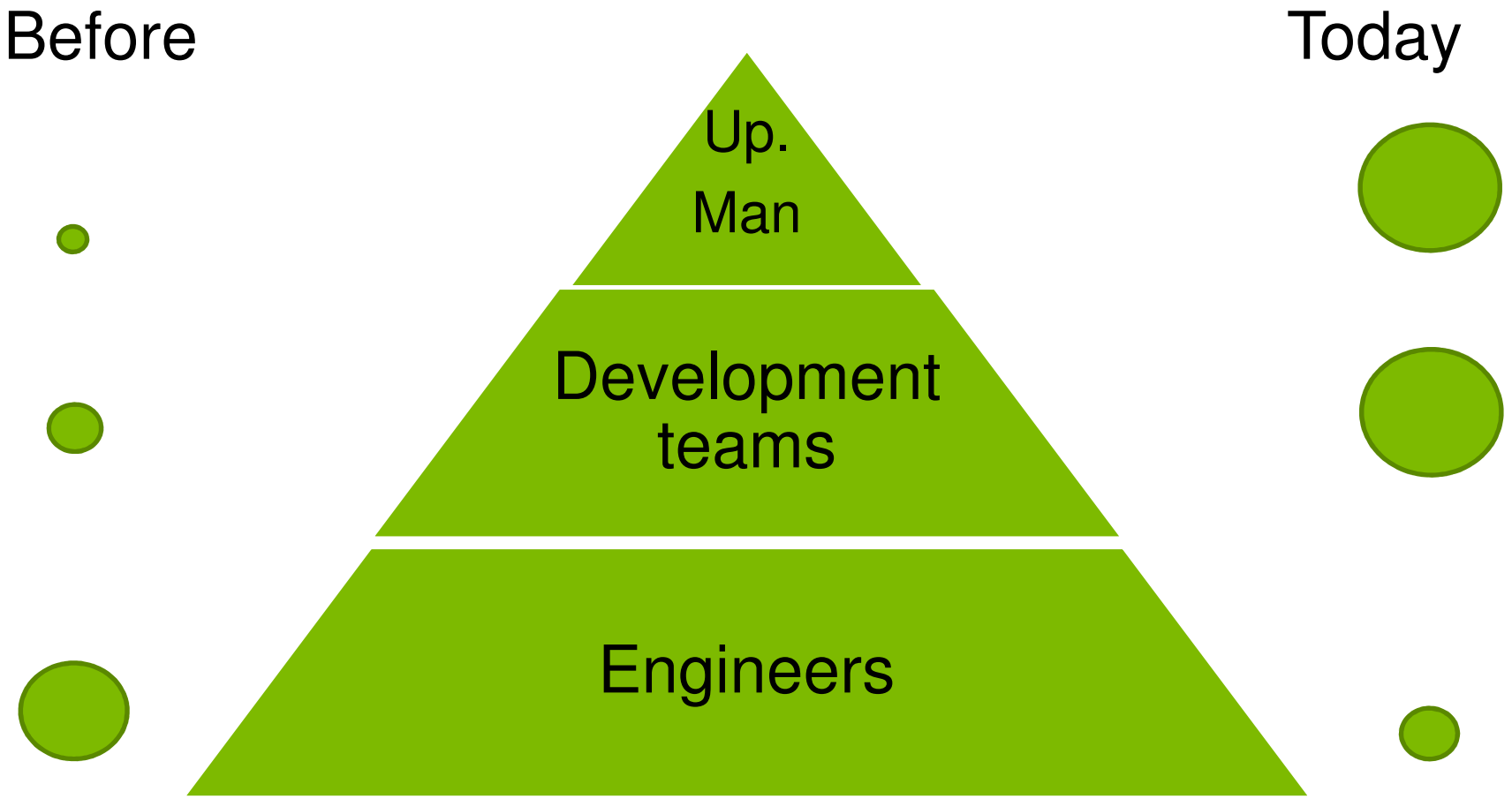
Johnson Controls

Internal customers



Johnson Controls

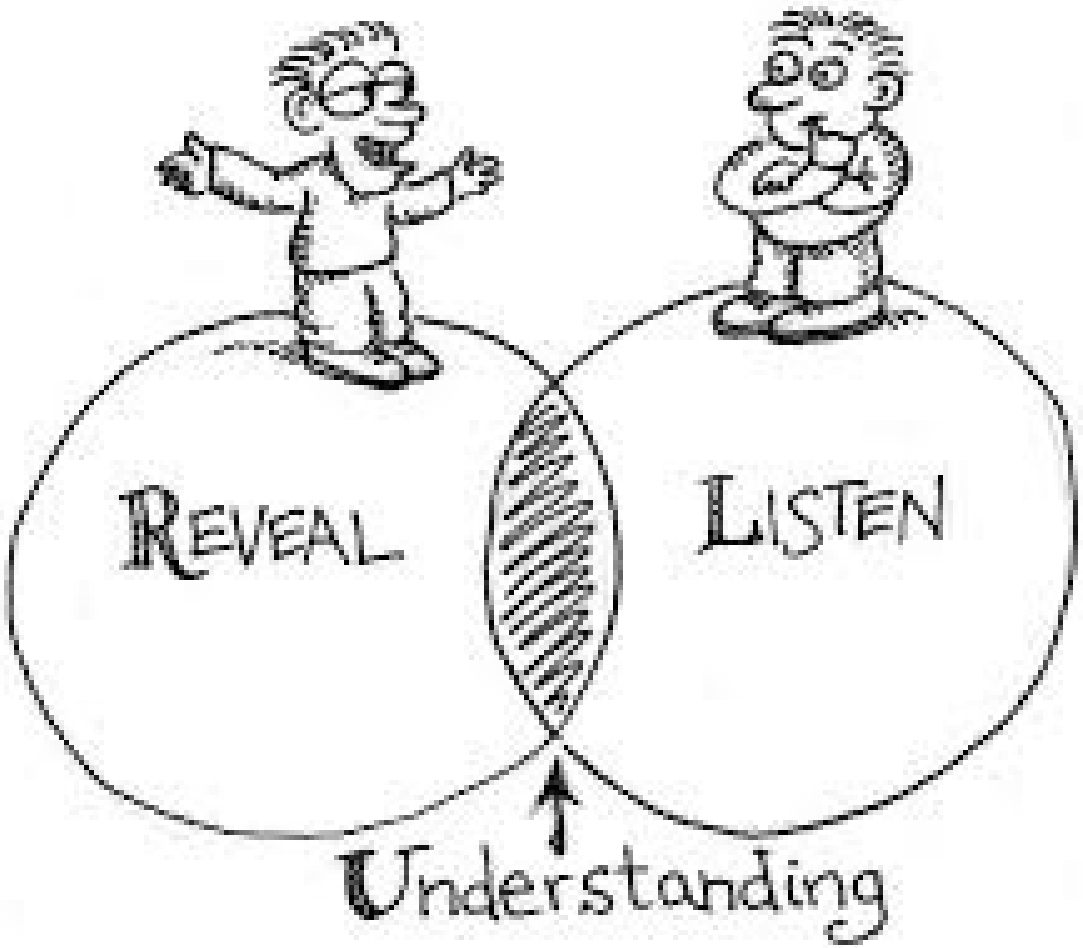
Marketing



Johnson Controls

Slowly but surely

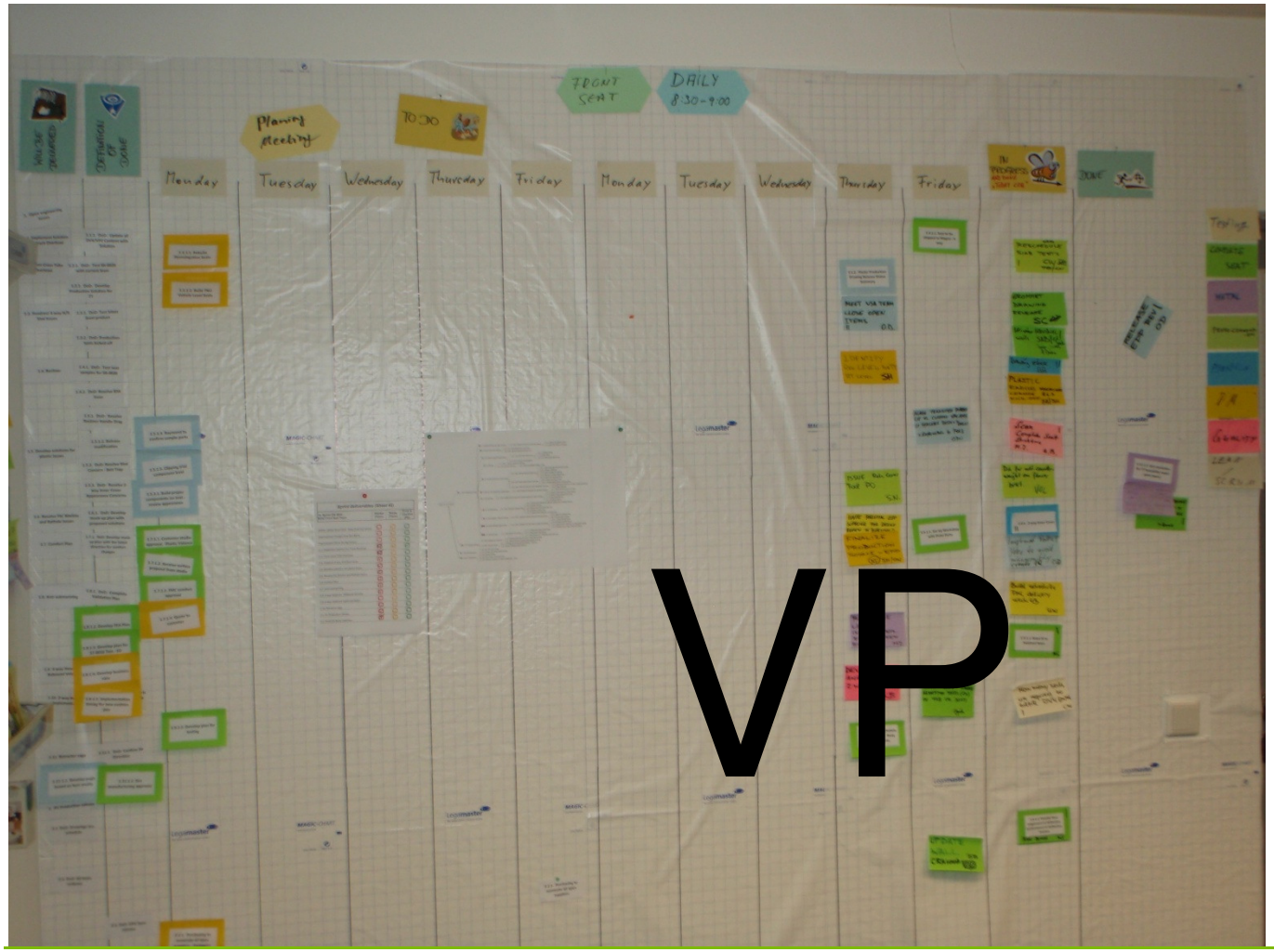
Up.
Man



Johnson Controls

Walls for All

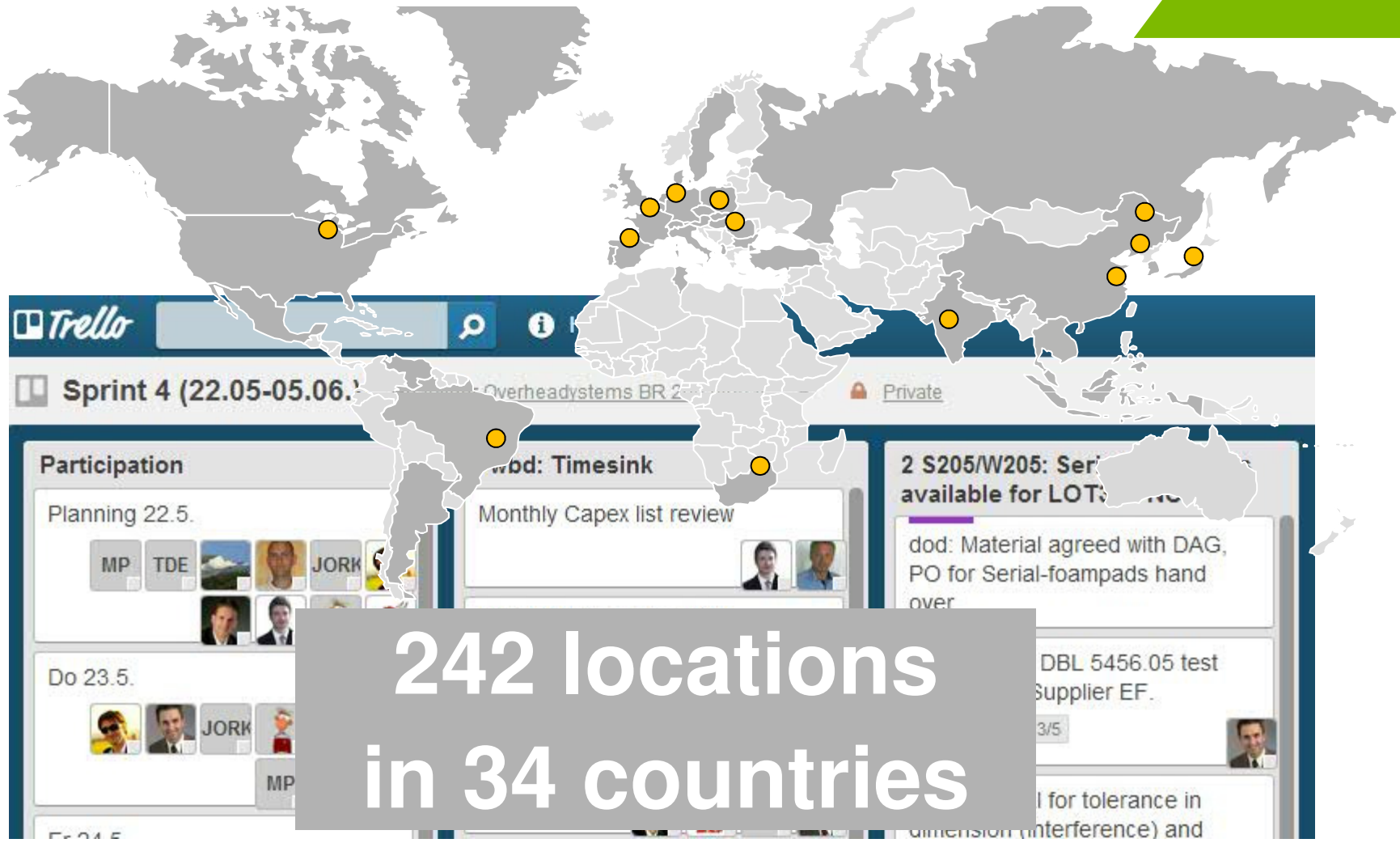
Up.
Man



Johnson Controls

Remote teams

Up.
Man



Johnson Controls

Department Meetings

Up.
Man

- Scrum awareness sessions

Johnson Controls

Rhythm

Up.
Man

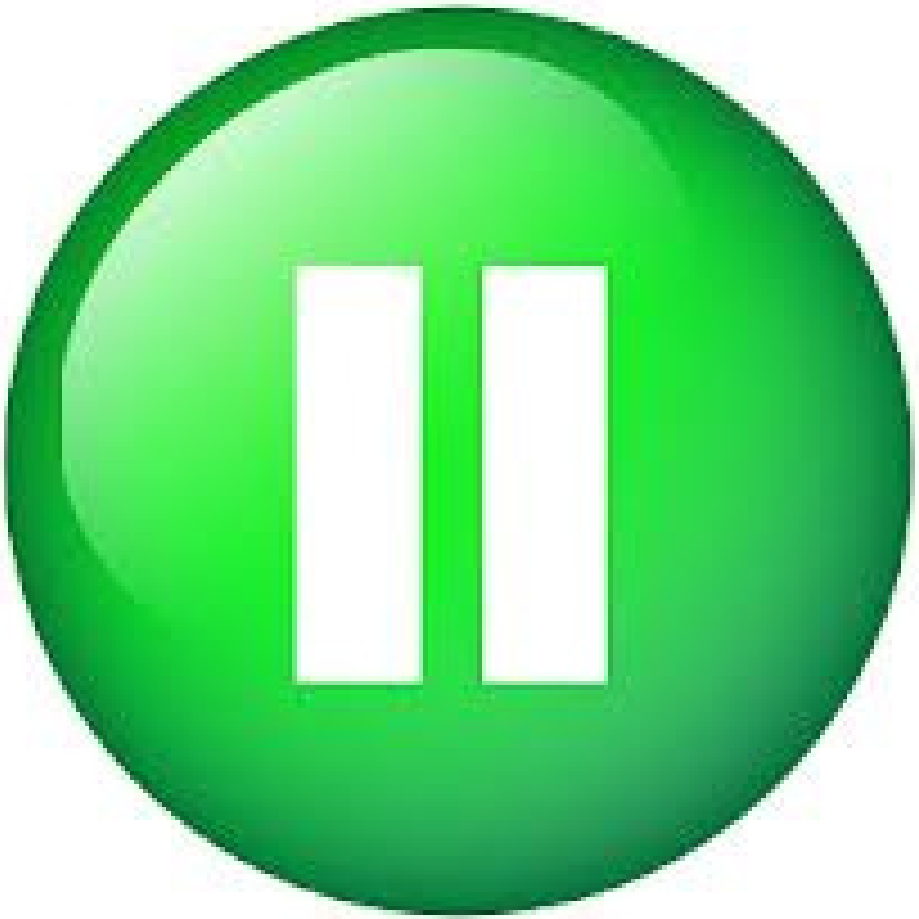
Johnson Controls

Commitment vs Participation

Up.
Man

Johnson Controls

Pausing



Johnson Controls

Why a ScrumMaster ?

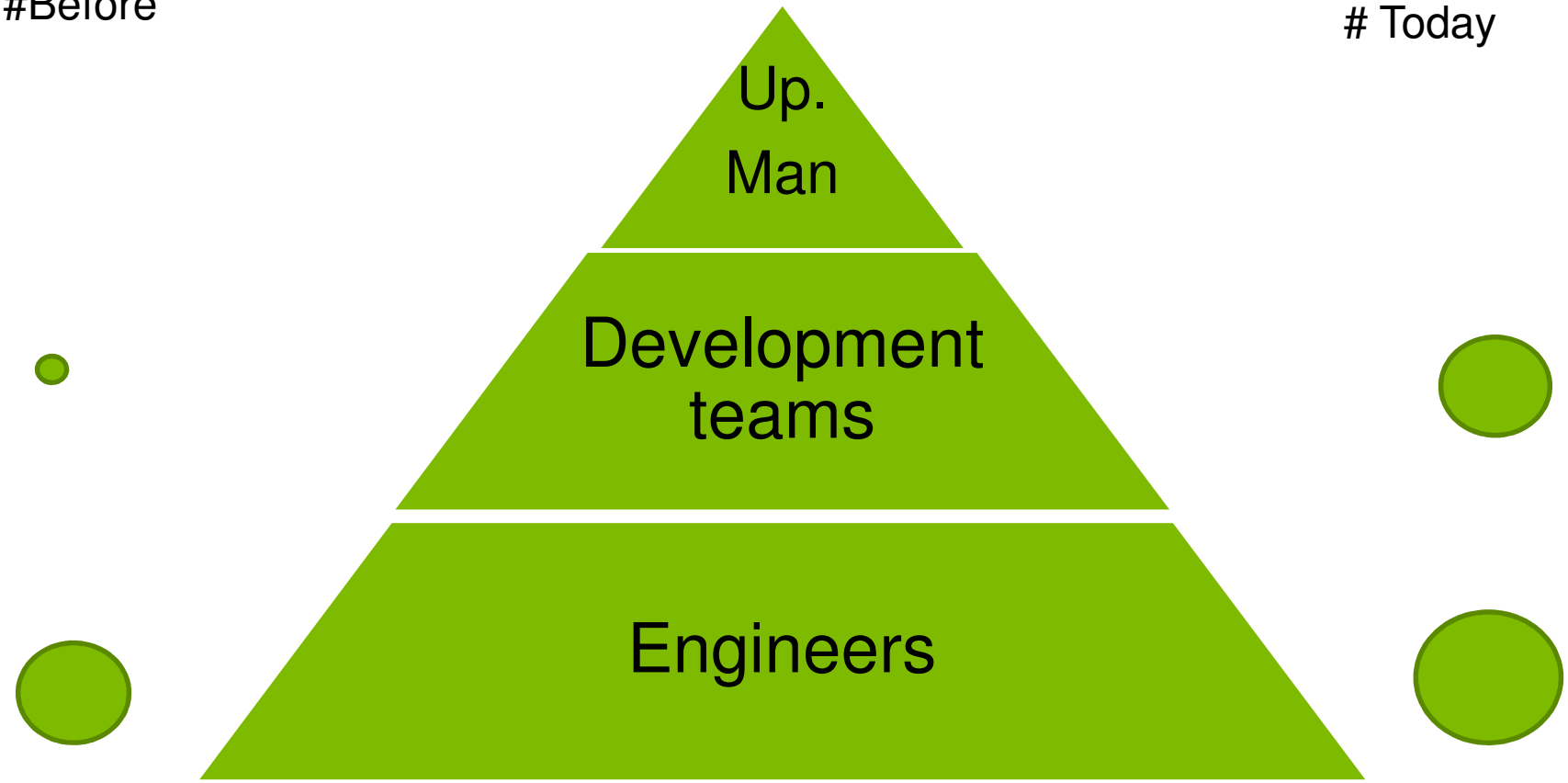
Up.
Man

Johnson Controls

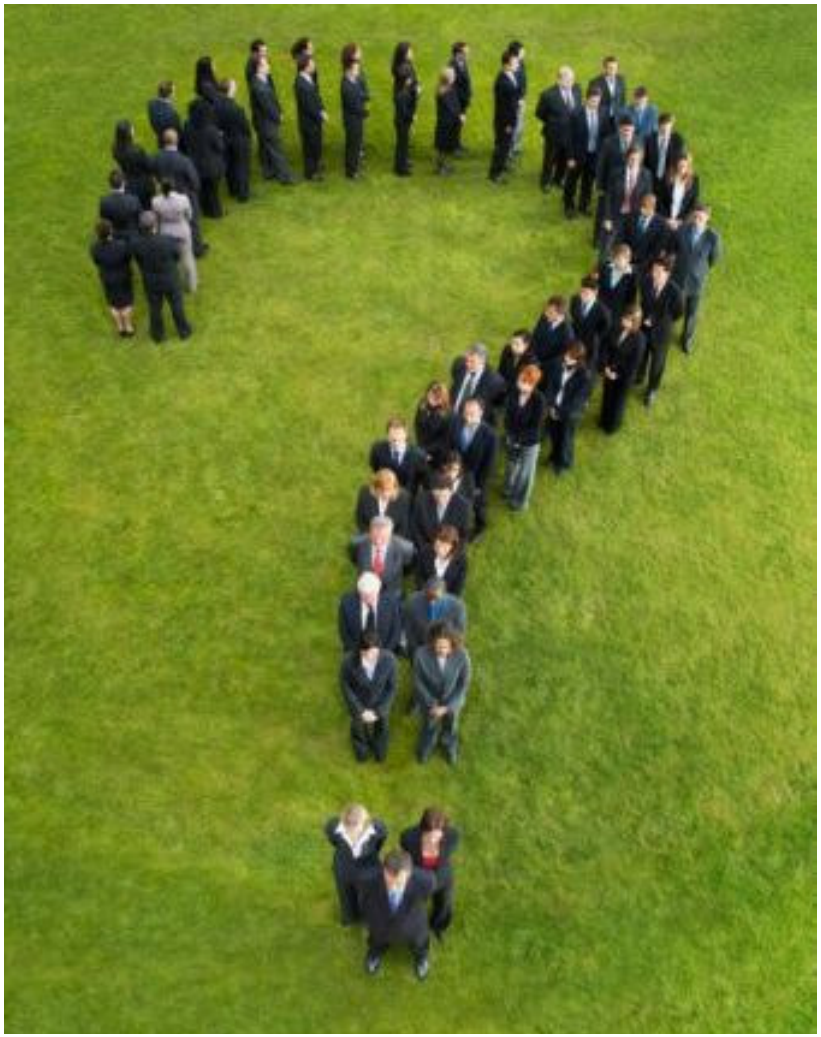
Growth of Scrum

#Before

Today



Johnson Controls



Johnson Controls

Thank you

Johnson Controls