Changing the Context

Implementing agile testing in our software development

Testing Forum Copenhagen 2012

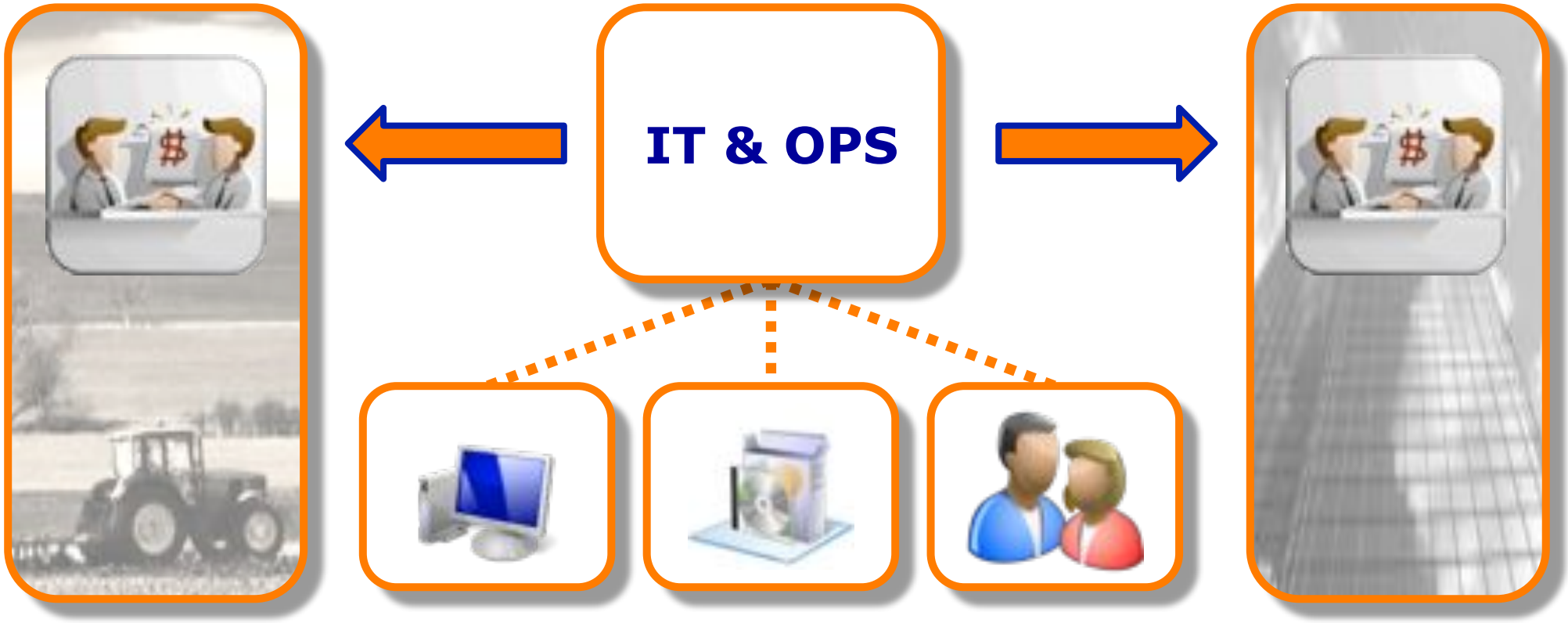
@huibschoots

• Context
• Challenges
• Change
• Next steps
• Lessons Learned

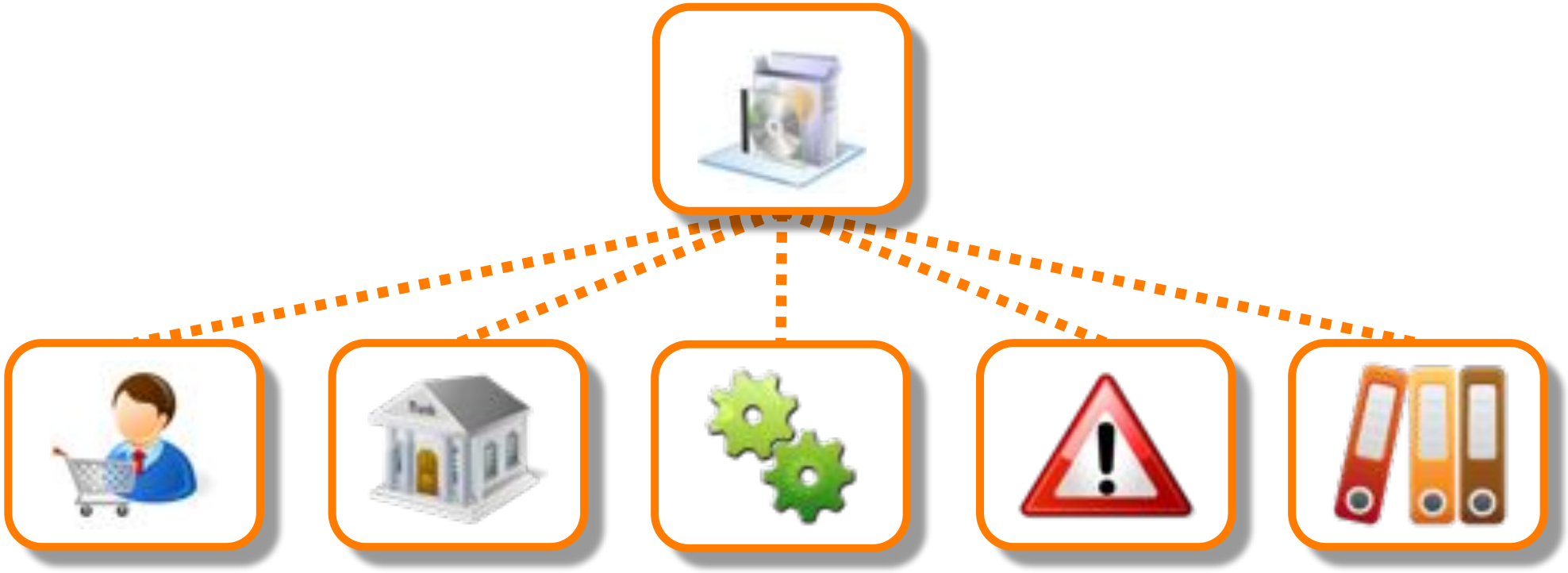
Rabobank

Major Dutch Cooperative Bank
One of the world's most sustainable banks
Founded in the Netherlands 110 years ago
59,700 empl. (FTE)
10 million customers
44 countries
29th biggest & 8th safest bank in the world
(according to gfmag.com)
Awarded high rating by all rating agencies
Roots in agriculture practicing cooperative banking principles

Rabobank International



Information Systems & Development



FO
Own Build
App/Web

BO (CB)
Large COTS
Batch

BO (OPS)
Large COTS
Batch

RISK
Build/COTS
Models
DWH

FIN
Large DWH
Ledger

Challenges

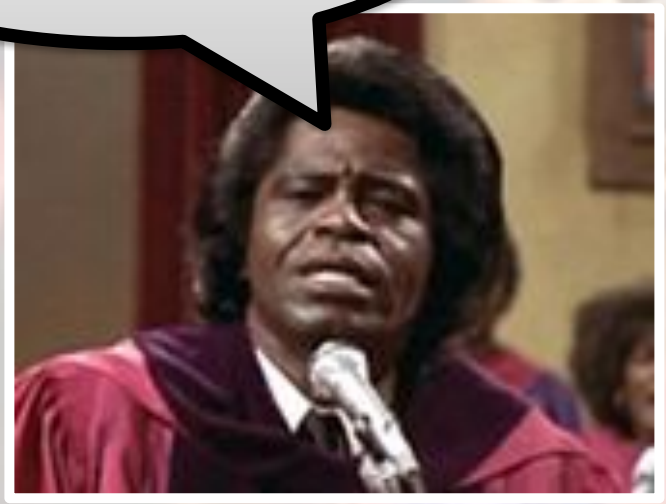
Challenges

- Testing = operating
- Implementation of agile
- Process & req. driven
- Bad documentation
- Copy - paste templates
- No buzz or passion

So, what
happened?

"THE BAND"
=
CONTEXT-DRIVEN
TESTING COMMUNITY
(OBVIOUSLY)

DO YOU SEE THE LIGHT?



WHAT LIGHT ?

HAVE YOU SEEEEN THE LIGHT?

YES! YES! JESUS H. TAP-DANCING CHRIST... I HAVE SEEN THE LIGHT!

Change
Change
Ahead

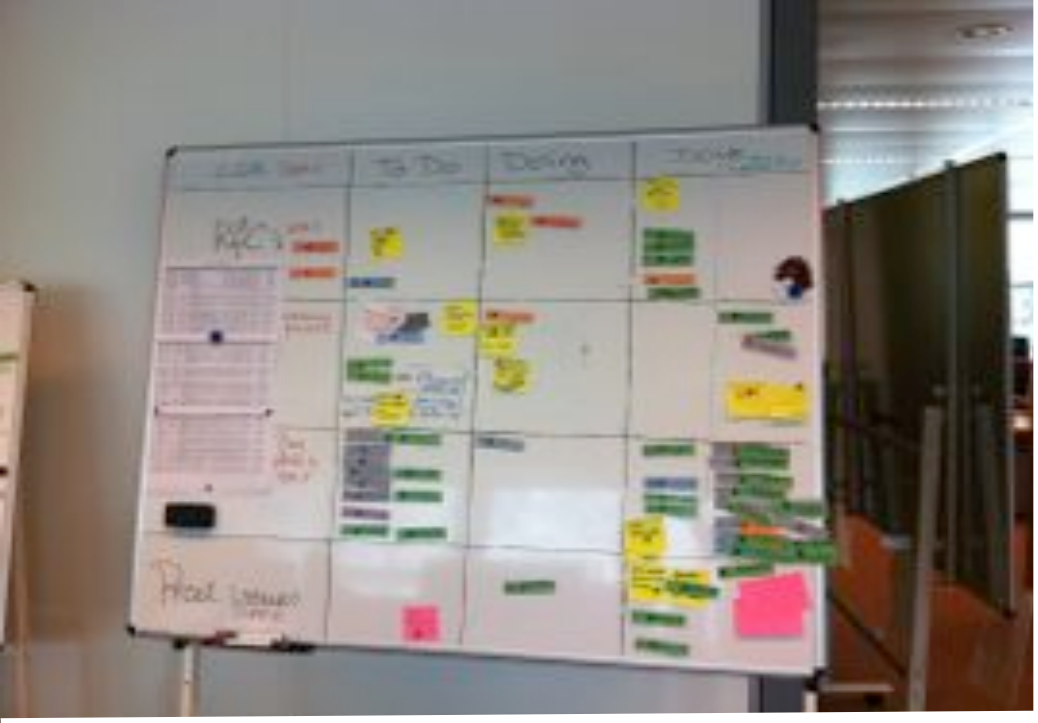
The “change”

- Rapid Software Testing
- Context-driven
- Passion
- Thinking
- Skills over knowledge

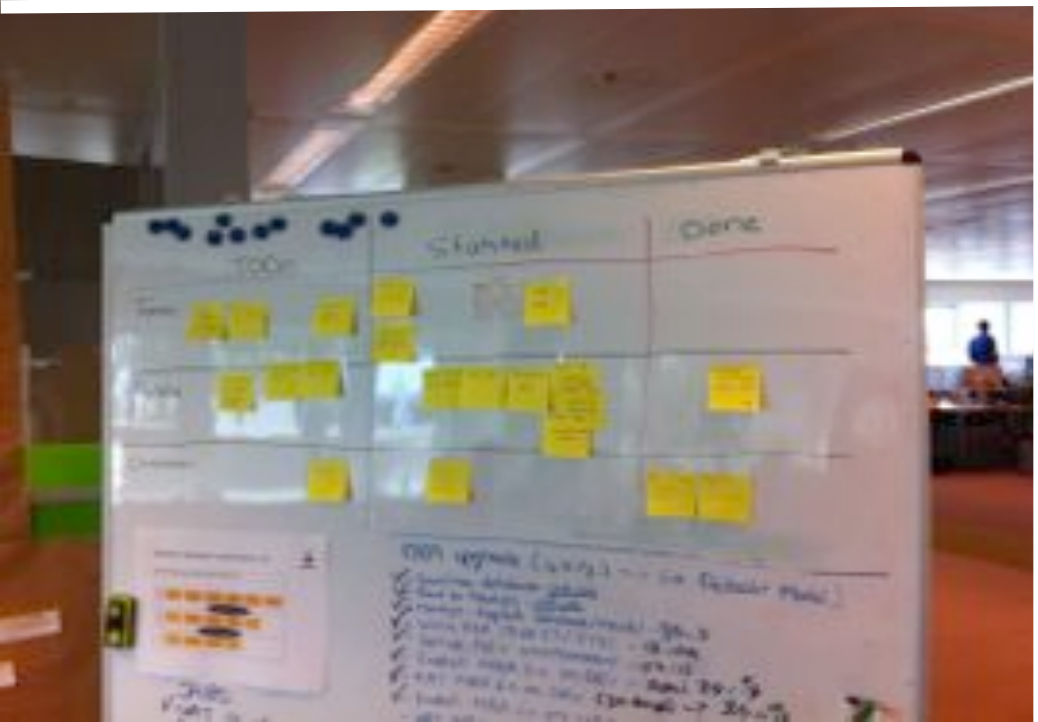
Agile as a lubricant

Agile as a lubricant

- OpenUp / agile
- Different way
- Shorter time boxes
- Collaboration
- Low tech dashboards


To Do
Done
R&C's

STARTED


Started
Done

Being passionate is
contagious

Passion = contagious

- Testing Dojo
- Intervision
- Learning: books, blogs, conferences
- Conference speakers

2nd Wave

2nd Wave

- “Agile testing”
- Exploratory testing
- Mind Maps
- Workgroups
- Testability

Tools?

Tools?

- HP Quality Centre
- HP QTP / TTCN-3
- MS TFS
- Unit testing tools
- “Home made”
- Mind Manager
- Excel

The road ahead

The road ahead

- SBTM
- Test automation
- Coaching
- Practise
- Evaluate / retrospect
- Collaboration

What made
it work?

What made it work?

- Step by step
- Being passionate
- Adapt to context
- Community
- Persistence
- Questioning

What didn’t work?

What didn't work?

- Only training
- One time only
- Project pressure
- Big chunks
- Not willing to change

Agile
Testing Tips

Agile testing

- Agile (testing) mindset
- Collaboration
- Exploratory Testing
- Test Automation
- Testability
- Pair testing
- Continuous improvement
- Keep it simple
- Evaluate often

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