Deliver quality through agility

Sammy.Becaus@be.ey.com
Denis.Dierick@be.ey.com

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Agile

It's your lucky day!

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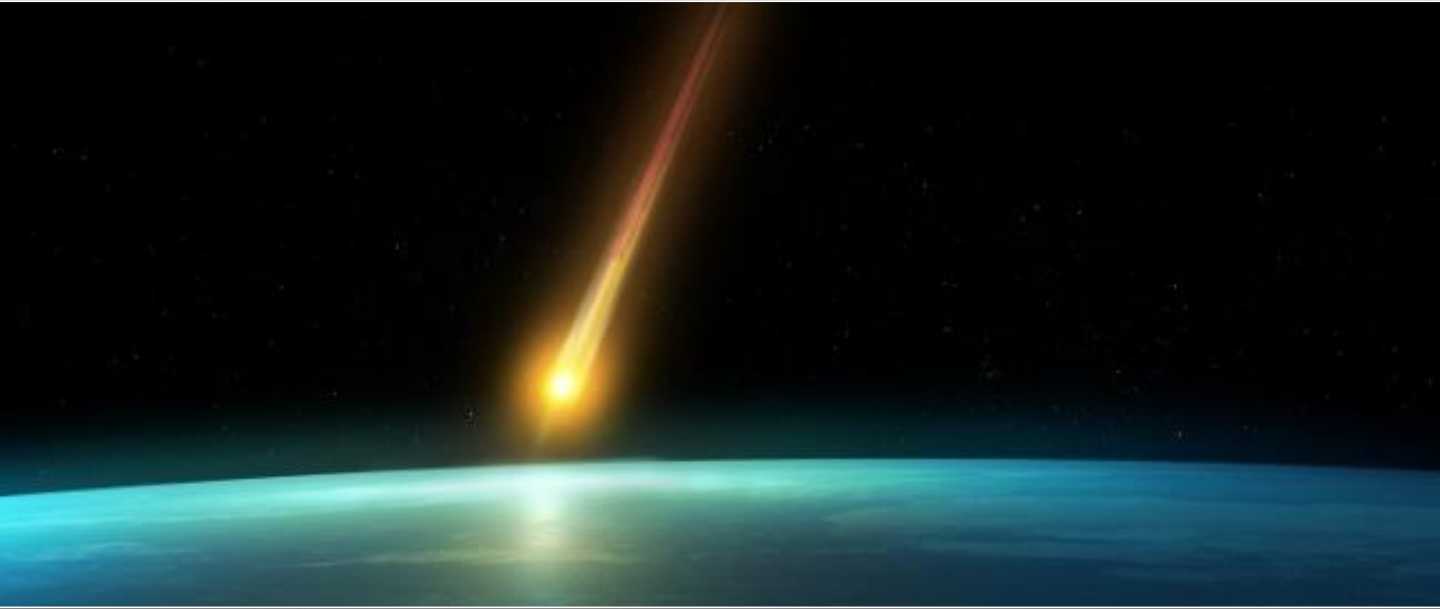
Disruptive and sustaining innovation



~~IF~~ METEOR STRIKES

WHEN

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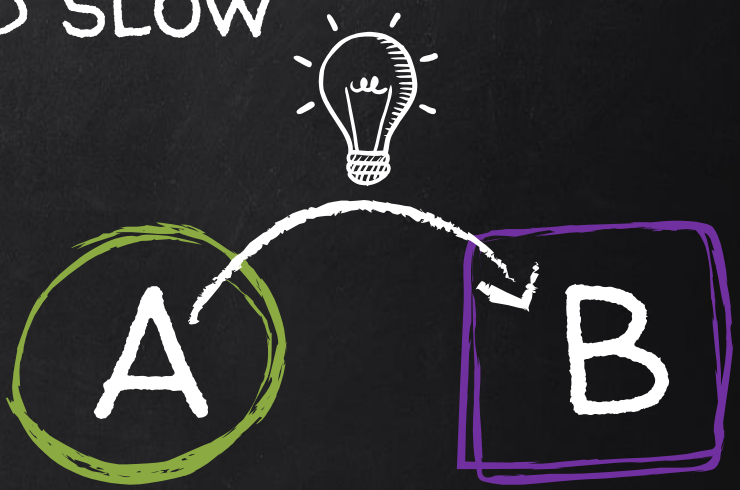
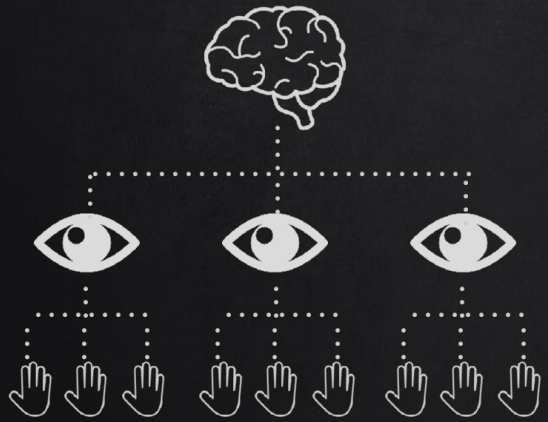
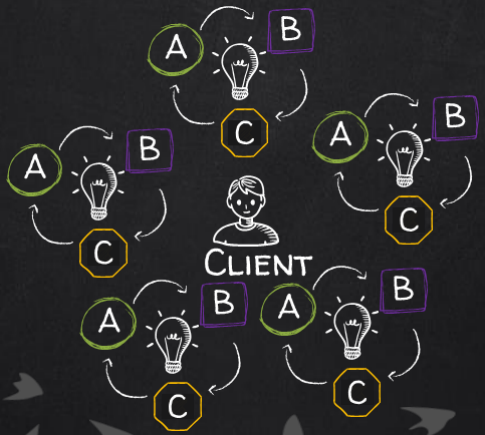
Disruptive and sustaining innovation

Big, strong and slow





Small, agile and fast



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AGILE: THE MANIFESTO

Individuals and interactions
over processes and tools

Customer collaboration
over contract negotiation

Working software
over comprehensive documentation

Responding to change
over following a plan

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AGILE: BASICS

SPEED

=

LIFE

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AGILE: BASICS

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AGILE: A QUICK RECAP

Deming cycle

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Agile organizations

How do they do IT?

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On time

Waterfall*

Requirements

Design

Code

Integration

Test

Release

*Waterfall: predictive methods

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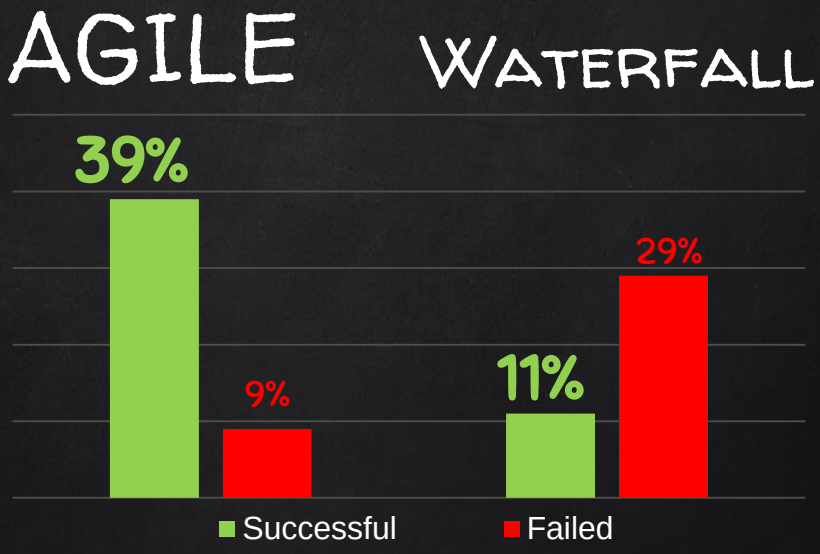
On time

+ Agile IT projects are more than 3 times as successful compared to traditional

++ Large size agile IT projects are more than 5 times as successful



11th State of Agile Report, 2017, VersionOne

Standish Group 2015 Chaos Report

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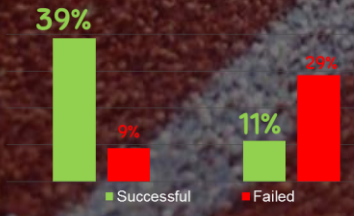
On time

Scrum

3 week Sprint



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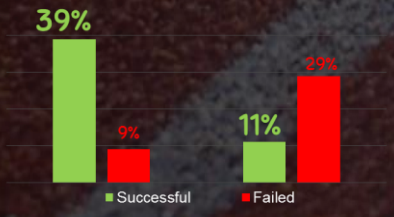
On time

Scrum

3 week Sprint



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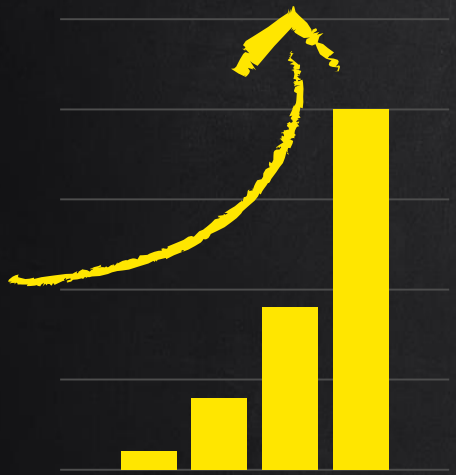
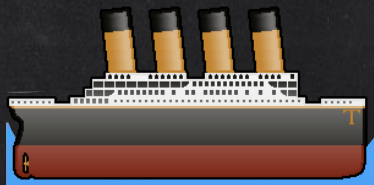
Transparent



+200%
Transparency



Motivated

Lightning fast

Scrum Master

Product Owner

Scrum Team

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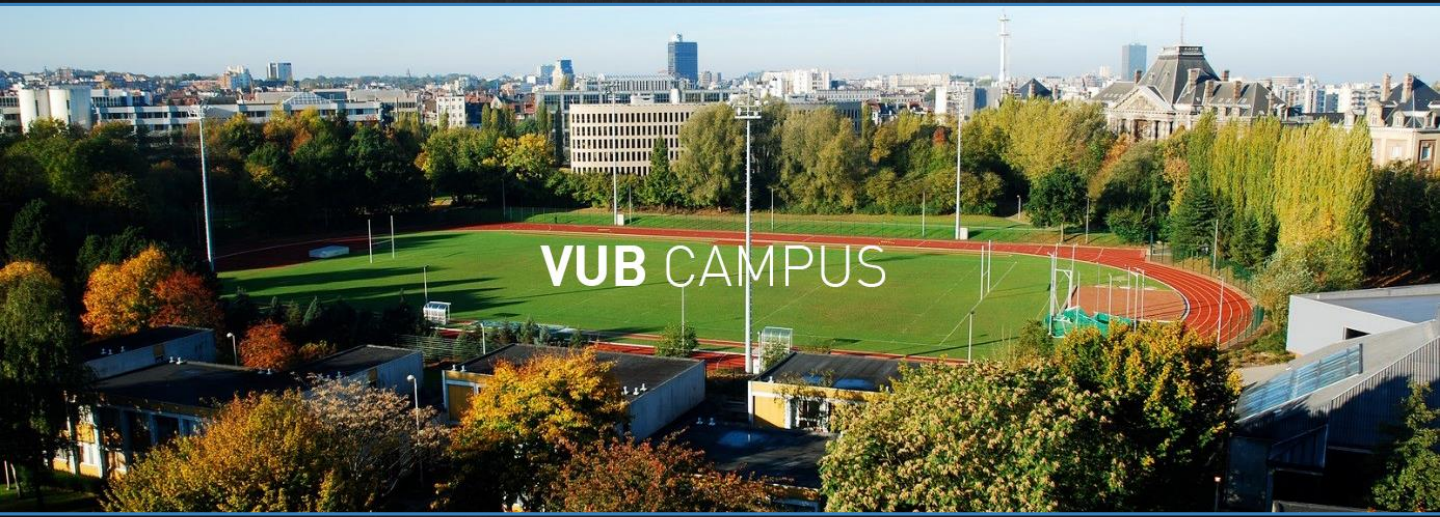
Agile in your project



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Your project

1) Topic : Provided by your professor

2) Duration : 6 weeks

3) Team composition : 1 or more

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Scrum team roles

Product Owner	A professor, Your promotor, an other student, an external company,...
Development team	You, other(s) student(s), laboratory assistant,...
Scrum Master	One of the team member

The composition of the development team can vary during your development !

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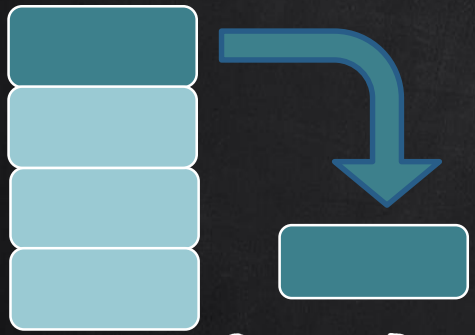
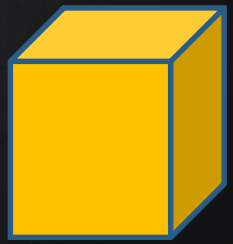
Backlog & Sprint

Product Backlog



Sprint Backlog
UserStory

Sprint



Deliverable

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Sprint and Ceremonies

Day 1
Sprint
planning

Day 5
+Demo
++Retrospective

Sprint 1 – Week 1

Sprint 1 – Week 2

Day 2
Daily
stand-up

Day 4
Daily
stand-up

Day 2
Daily
stand-up

Day4
Daily
stand-up

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Quick recap

Collaboration

Iterative and empiric

Adaptability

Regular delivery

Sprint

ceremonies

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Thank you!

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