



Building Industry-ready Tools

FAMA Framework and ADA

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Outline

1 Who are we? / What's the problem?

2 How to build industry-ready tools?

3 Hot Spots

4 The Future



1

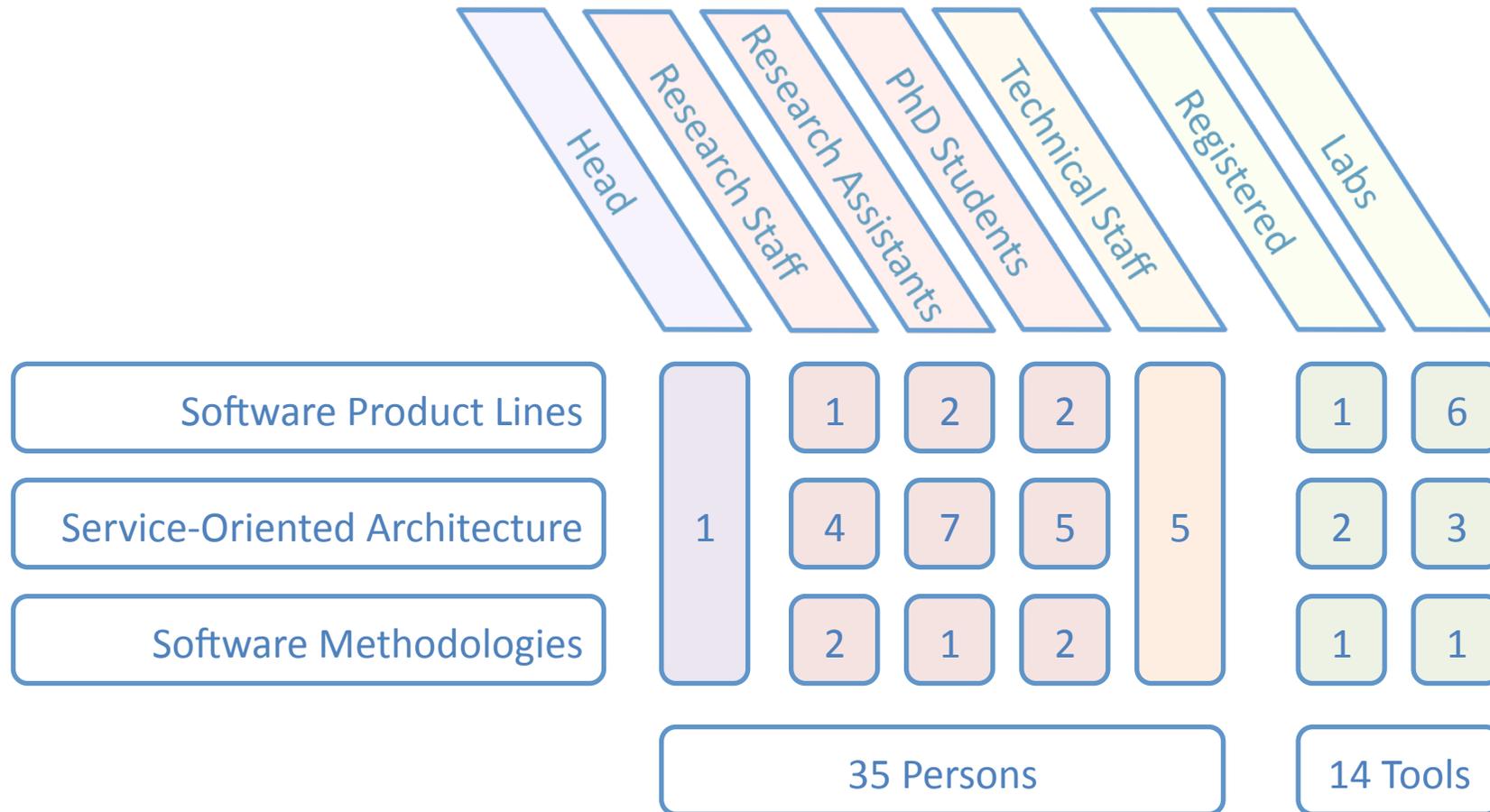
Who are we? What's the problem?

2

3

4

ISA Group





1

Who are we? What's the problem?

2

3

4

ROI vs. Publications





1

Who are we? What's the problem?

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ROI vs. Publications





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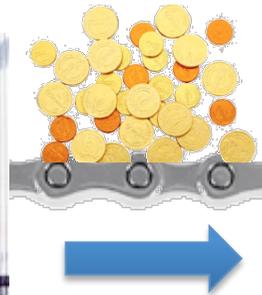
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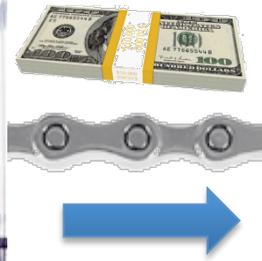
Who are we? What's the problem?

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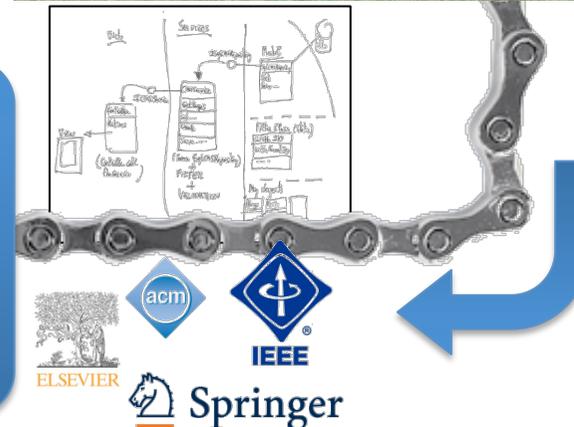
3

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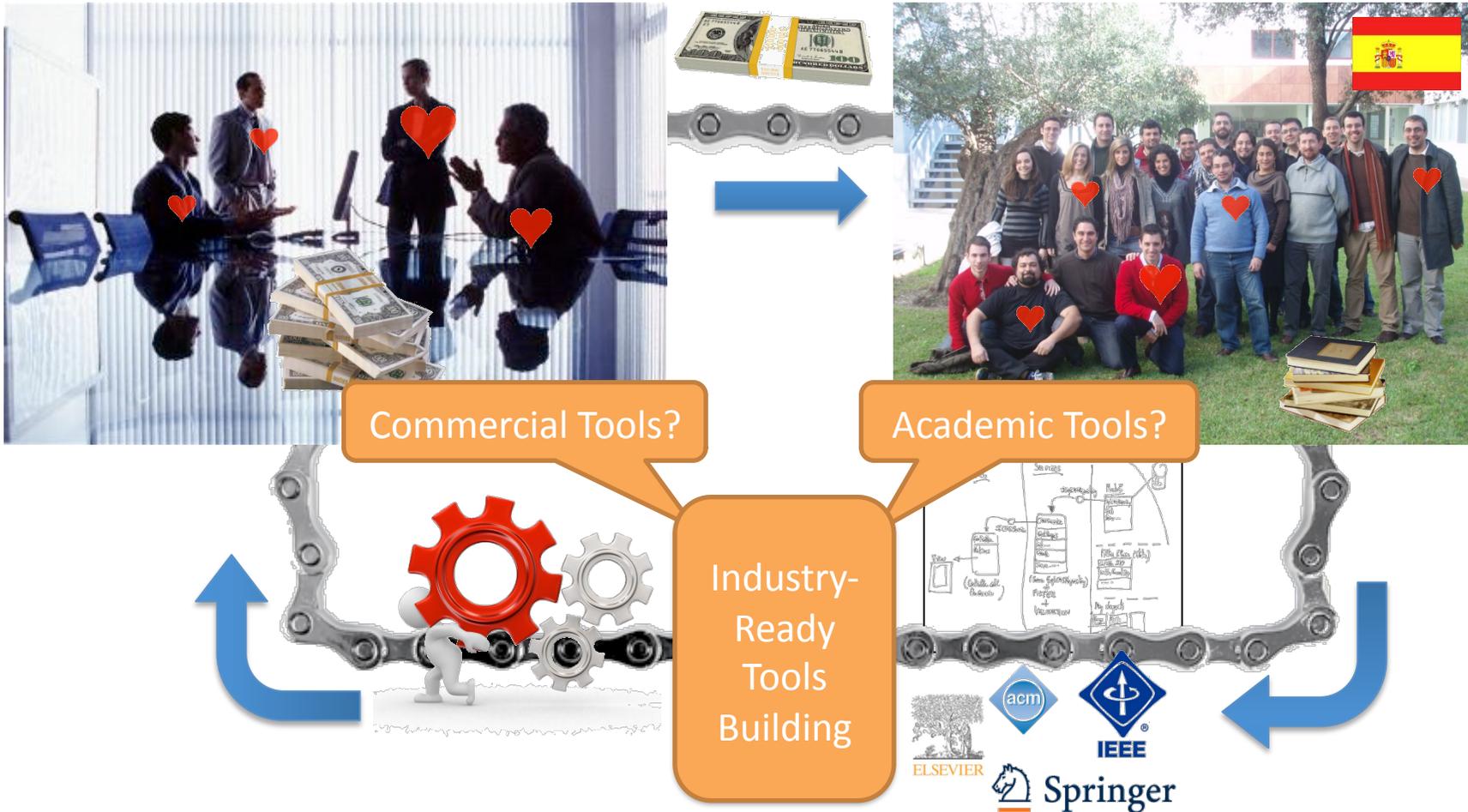
ROI vs. Publications



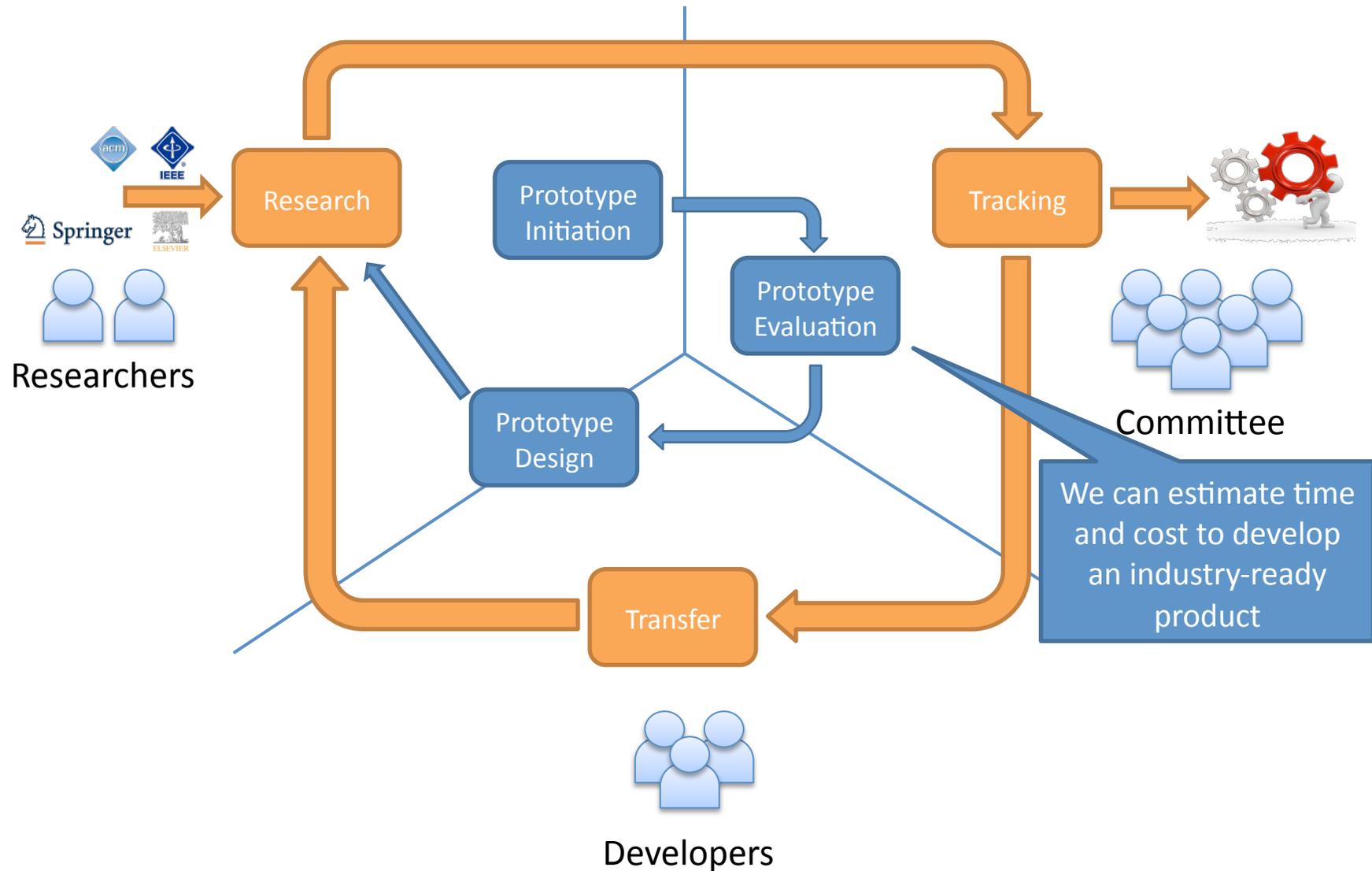
Tools Building



ROI vs. Publications

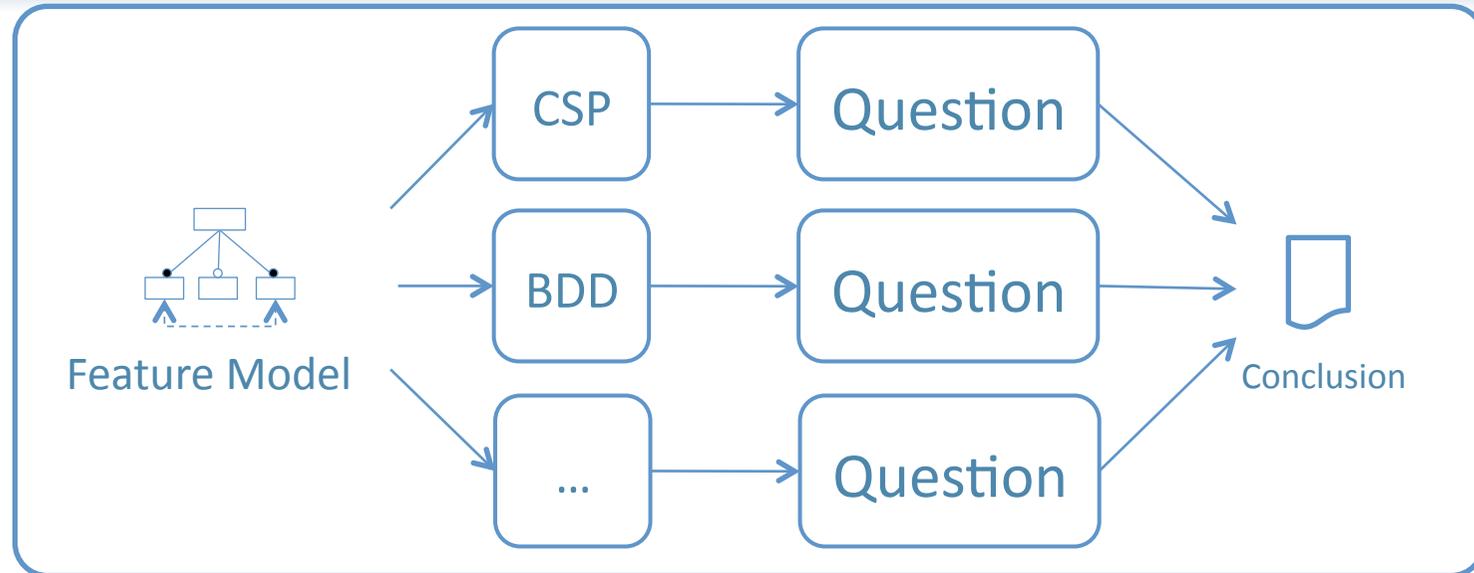


Our view on tool building

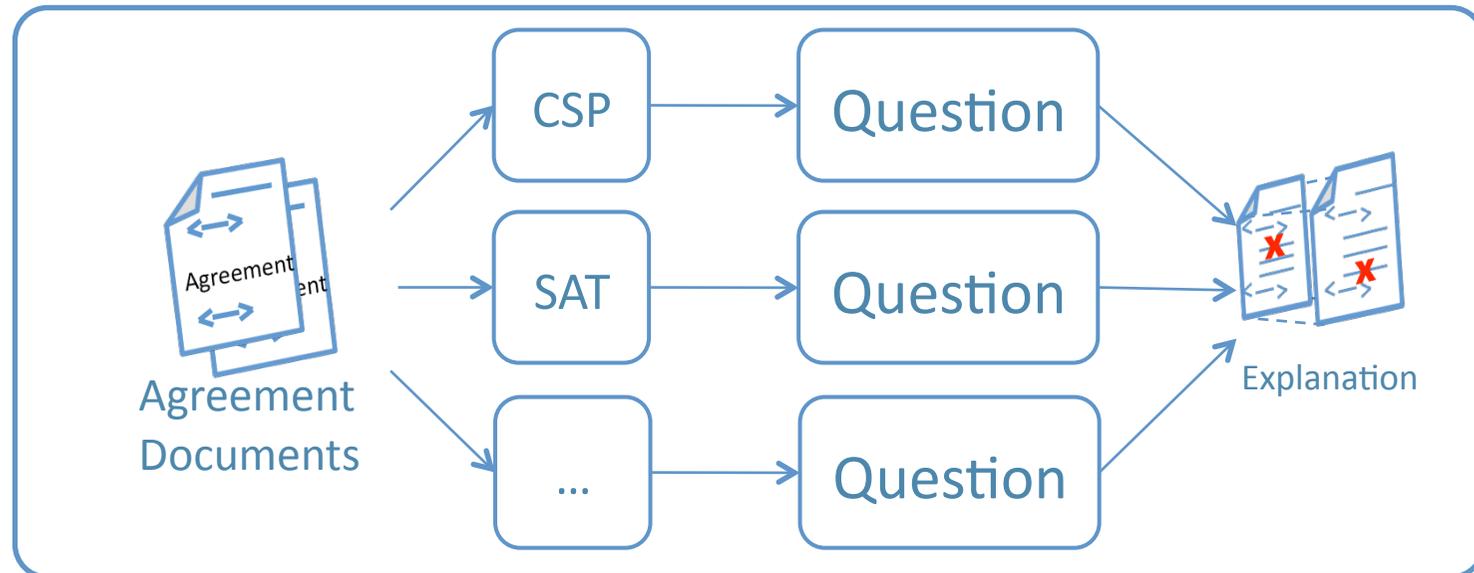


FAMA Framework & ADA

FaMa FW
since 2007



Agreement Document Analyser
since 2009





1

2

3

Hot spots

4

Architecture and Technology

Componentisation



Software Product Line



Ecosystems

Architecture and Technology

Componentisation



Software Product Line



Ecosystems

Interfaces

Java
(library)



Java
(OSGi)



Web Service
(WSDL)



FAMA Core

FW

Extensions

Selector

First

Best
perform

Reasoners

JaCoP

Choco

Operations

Valid

#Prod

Metamodels

EWMT

FAMA

Transformations

Atomic
sets

...

SAT4j

...

Errors

...

Moskitt

...

Architecture and Technology

Componentisation

Software Product Line

Ecosystems



FaMa Benchmarking System ✓

FaMa Test Suite 1.2 ✓



pure::variants



Interfaces

Java
(library)Java
(OSGi)Web Service
(WSDL) **W3C**

FAMA Core

FW

Supported by



Maven

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Dissemination

Marketing Plan

Target market

- Companies
- Research institutions



Policies

- Price policy : Open-source
 - Usage policy : LGPL v3
- To...*
- Capt users
 - Citation mandatory
 - Commercial products allowed



Communication Plan

Advertising

- Corporate Image
- Web Page
- Tool demos at conferences
- Research projects



Documentation

- Tech reports
- Documented source code

Scheduling and predefined forms

Postmortem Report

What was done right

LGPL v3 license

Architecture increases code and human resources reuse

Effective dissemination model

What needs improvement

Agile Documentation in FDD

Outsourcing selection process

Avoid long-term plannings



Thanks!

We have left behind important points such as...

Human resources

FDD and TDD

Ecosystems implications

Risks Analysis

Scalability of our approach

ISO 9001 and UNE 166002

Professional career

?

www.isa.us.es