Traditional vs. Agile RE
Can we work with both?

Bernhard Doleschel
Ease Solutions Consulting GmbH

Munich, Germany, 2022 ©

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Global IT solution & service provider

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Consulting
We evaluate existing processes
and infrastructure to identify areas
of improvement and propose suitable
IT solutions based on business requirements.

Software Development
We create custom plugins
and apps to provide specific functions
unique to your processes.

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Besides strategy, we manage full application
integration, including migration, training and
maintenance.

Atlassian Solutions
We have an established run rate
of Atlassian business and are suitably
resourced to manage a wide range
of customer solutions.

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We offer full training courses
that will raise your employees to
the next level.

Consultancy

Bernhard Doleschel
Product Management of Ease Solutions
apps developed for Atlassian Jira

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01 Traditional vs. Agile

02 RE Areas

03 Solutions

04 Conclusion

High Level Comparison

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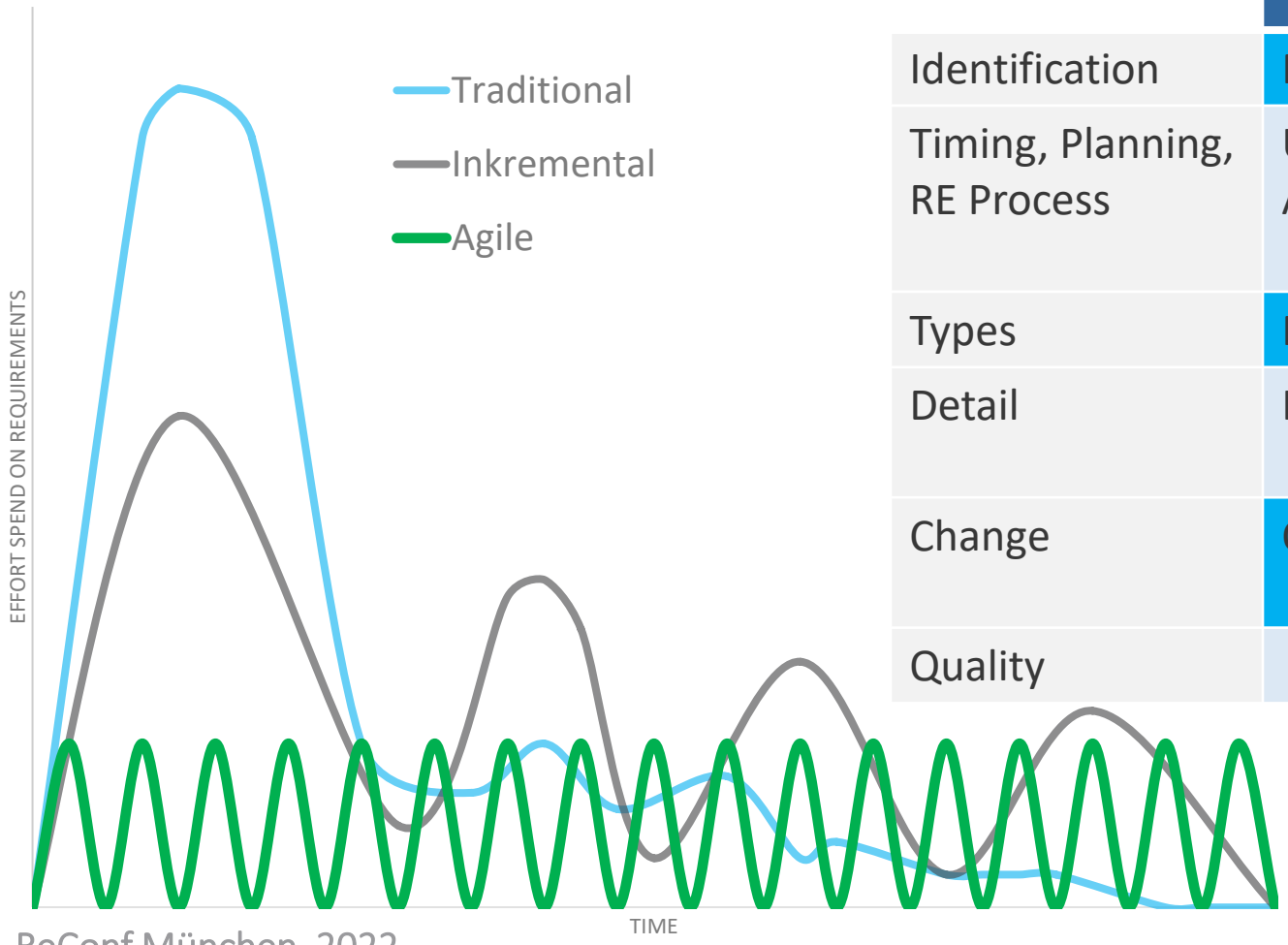
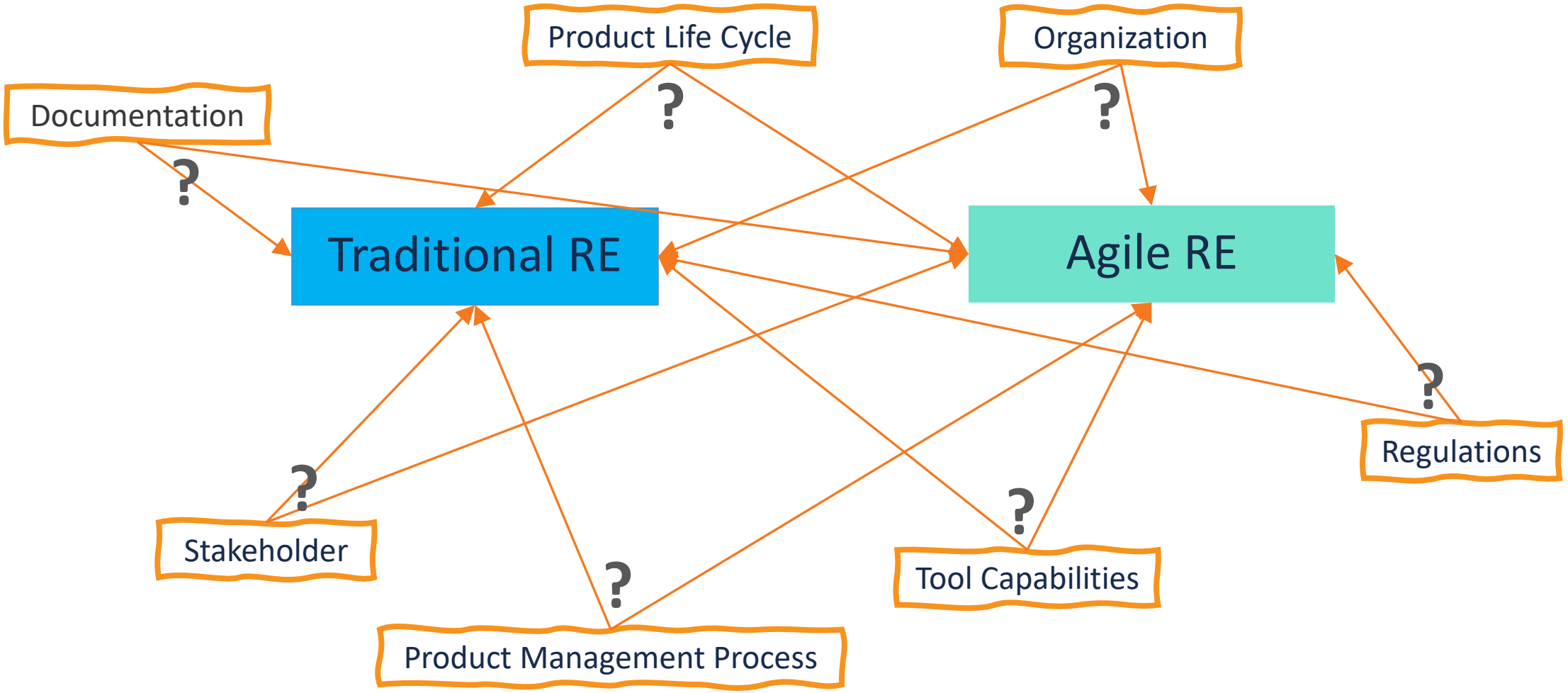
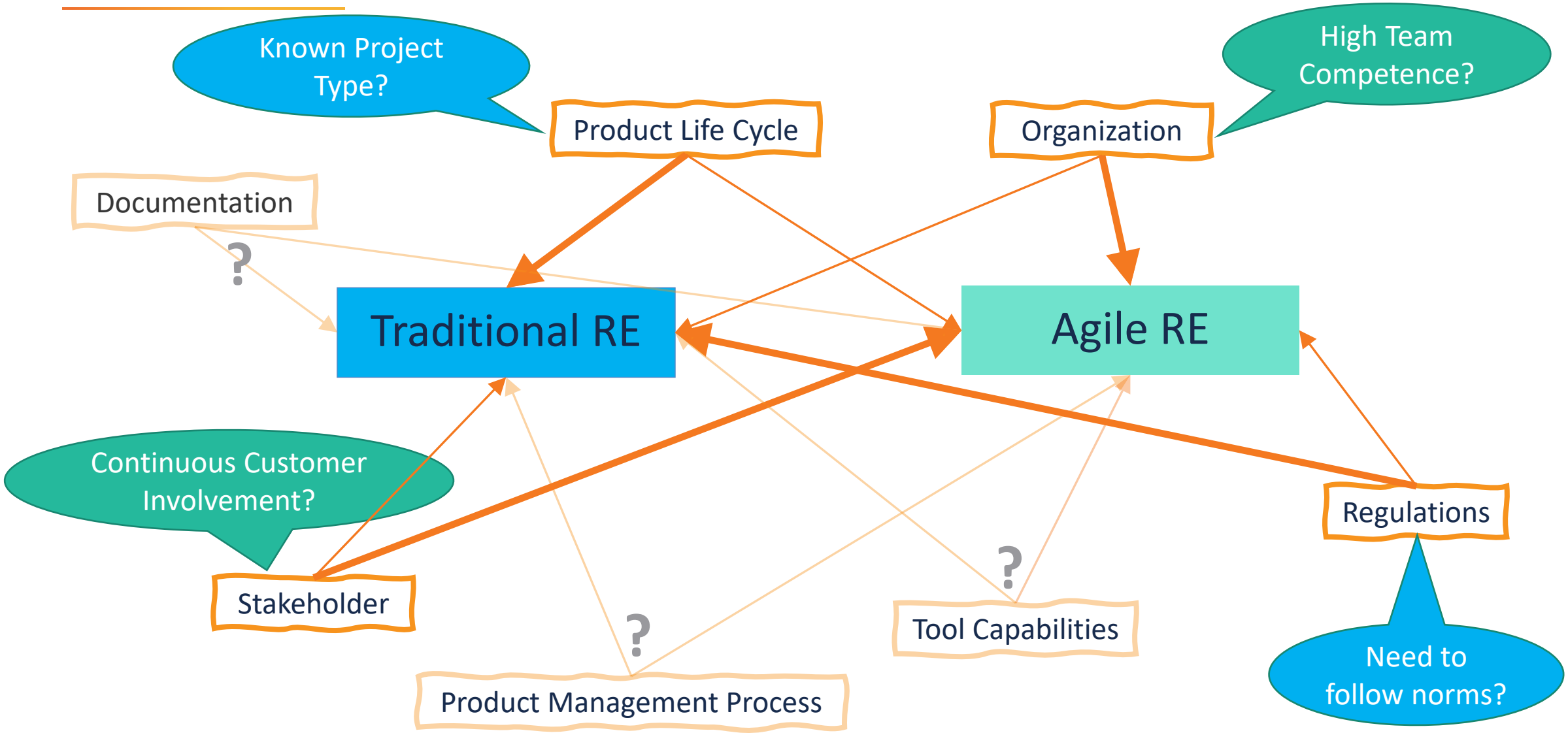


	Plan Driven	Change Driven
	Traditional	**Agile**
Identification	RE easy to detect	RE merged into process
Timing, Planning, RE Process	Upfront: Elicitation, Analyze, Specify, Validate	Continuously, flexible prioritization
Types	Requirements	Features, Epics, Stories
Detail	High	Low at beginning High at implementation
Change	Own formal process	Easy to adapt, merged into process
Quality	Review by qualified responsible	

RE Process Scope

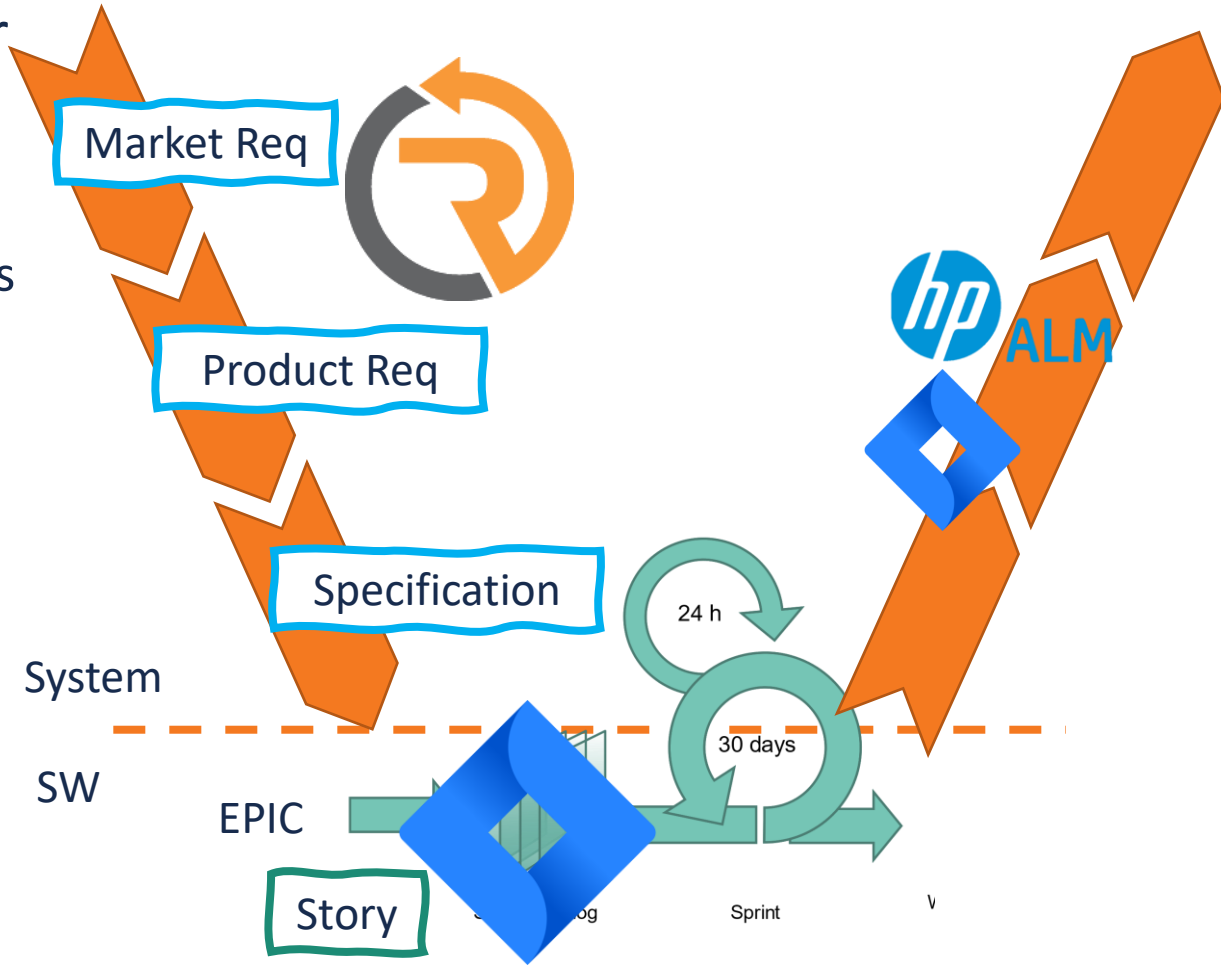


Ask yourself



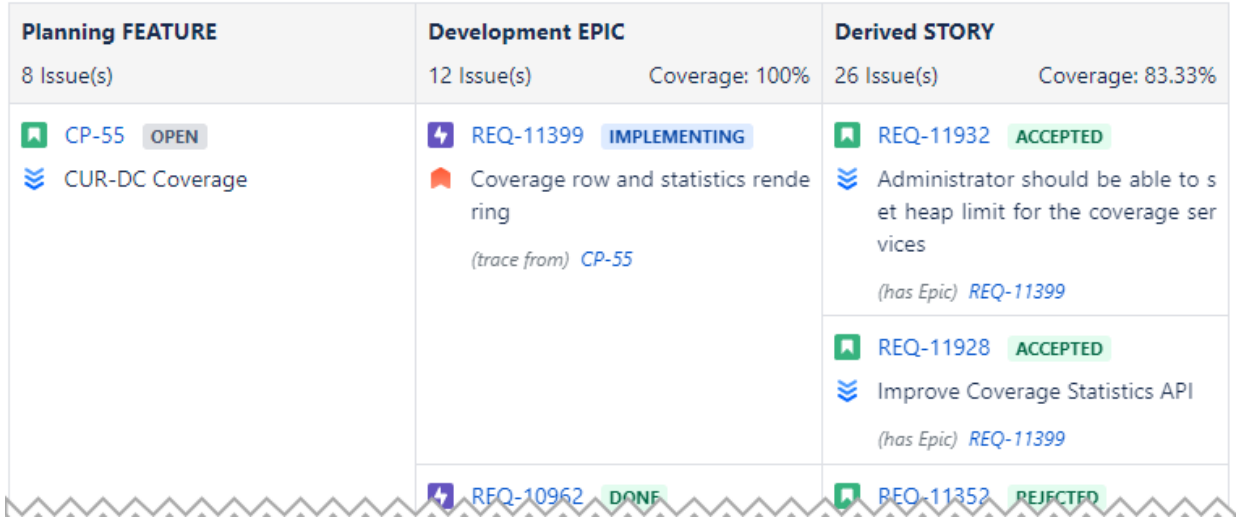
Solution concepts @Customer

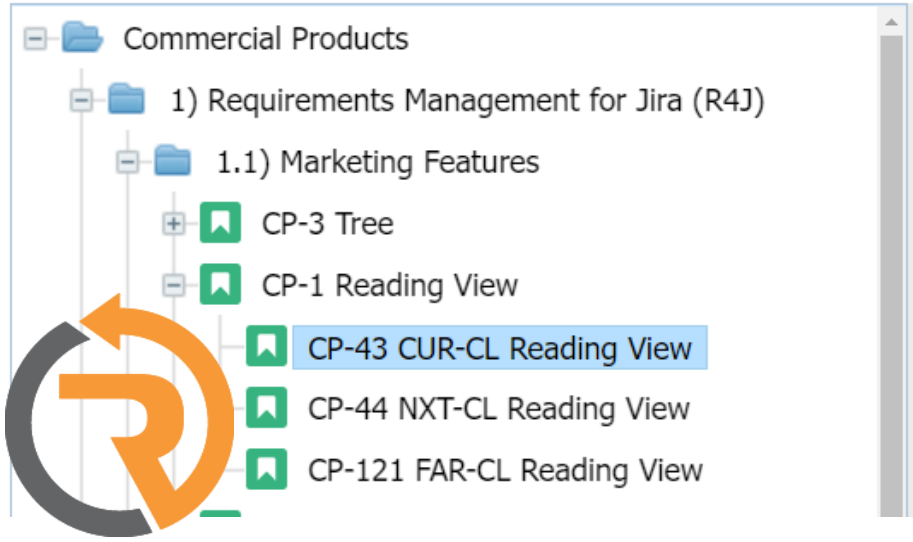
- Product Development Process (PDP)
  - Semiconductor equipment manufacturer
  - HW, SW, FW and Electrical Components
  - V-Model oriented System-RE phases
    - Marketing, product and opportunity artifacts
    - Pre-Planning
    - Feasibility study, risk analysis
  - Agile SW development process
    - Epics and Stories
  - V-Model oriented Verification process

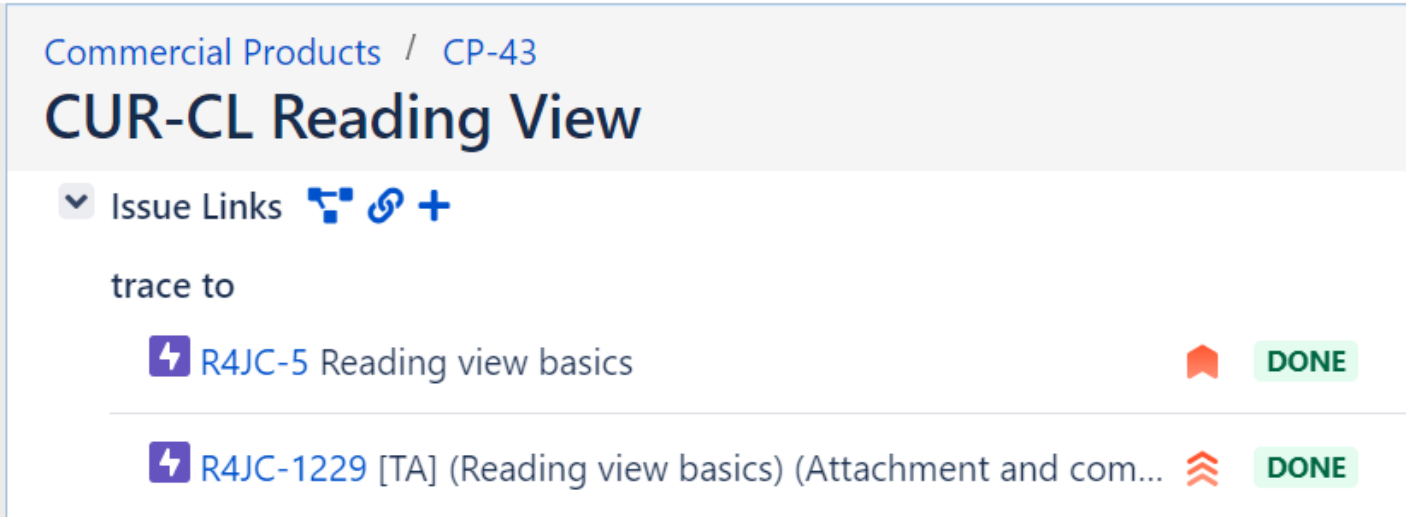


Solution concepts @Ease Solutions

- SW Development based on SAFe
- Planning of customer requirement: MoSCoW rating, Current / Next / Far
- EPICS (templates) with T-Shirt Sizes







Solution concepts @Ease Solutions

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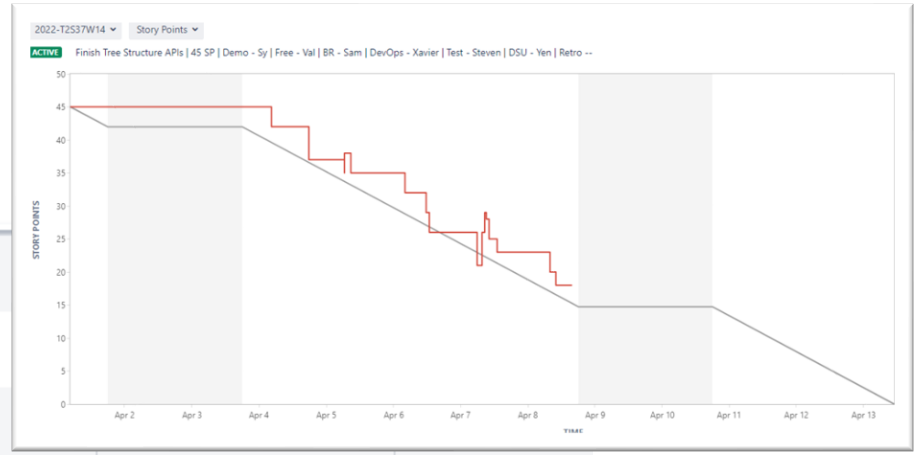


SCOPE

#	Issue	+ Create issue	Status	Mar	Apr
1	CSWCMN-31	ReqIF Phase 1 Common Module Verification	DONE		
2	R4JC-106	Reading view content management	IMPLEMENTING		
3	R4JC-103	[REST] Tree Structure	IMPLEMENTING		
4	R4JC-10	[Reuse] Basic Reuse	BACKLOG		
5	R4JC-1449	Support for Epics in Coverage View	IMPLEMENTING		
6	R4JC-77	Tree Text Search	BACKLOG		
7	R4JC-50	[Coverage] display fields	BACKLOG		
8	R4JC-91	[IOL] Advanced IOL support	REVIEWING		

Issues in epic

R4JC-1489	User should see "has epic" epic-child link type in coverage view	RESOLVED
R4JC-1491	User must be able to link an existing issue under an epic in coverage view	OPEN
R4JC-1492	User must be able to create an issue under an epic in coverage view	OPEN
R4JC-1493	User should be able to unlink issues from epic	OPEN
R4JC-1490	User should see "is epic of" epic-child link type in coverage view	IN PROGRESS

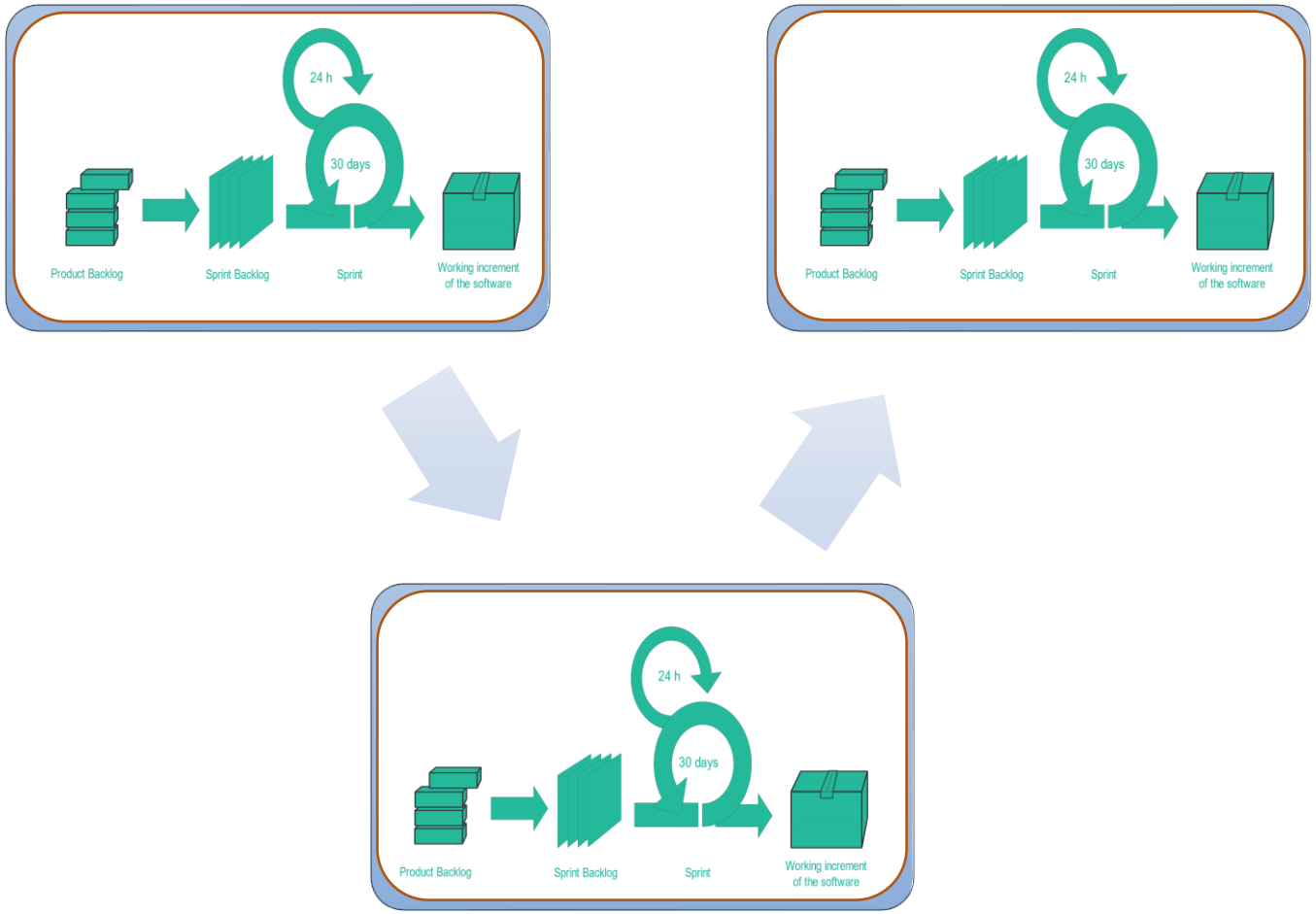
- Quarterly PI Planning
- Sprint based story development, Story estimation

Approaches

a) Extend project management with agile methods

b) Setup own RE-Team

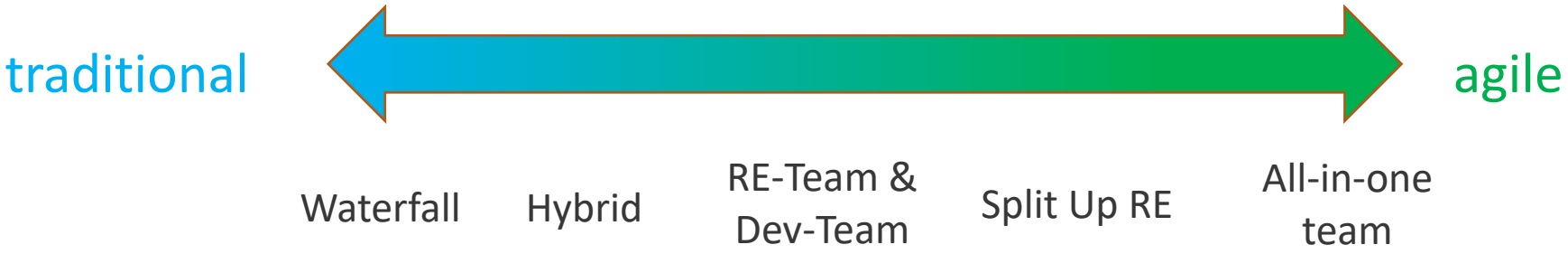
c) Apply agile process
   - Before development
   - Within development phase
     - As own team
     - Within development team
     - At end of sprint
   - After development



Depend on culture,
team capability and project

Key Take-Aways

- There is no All-in-one-method
- Ask yourself about your targets
- Involve your teams
- Identify areas able to go for agile (first)
- Set up a pilot
- Adapt process and tool usage continuously



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Thank you very much!

Please visit us at our booth

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Bibliography

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RUPP

Requirements-Engineering und – Management
Chris Rupp & die SOPHISTEN, 2020

Carl Hanser Verlag GmbH & Co. KG

KAMM

IT-Projektmanagent Methoden
Sebastian Kammerer, Michael Lang, Michael Amberg, 2012

Symposion Publishing

NIR

The Agile PMO
Michael Nir, 2015

Kindle Edition

WIEG

Software Requirements (Developer Best Practices)
Karl Wiegers and Joy Beatty, 2013

Microsoft Press