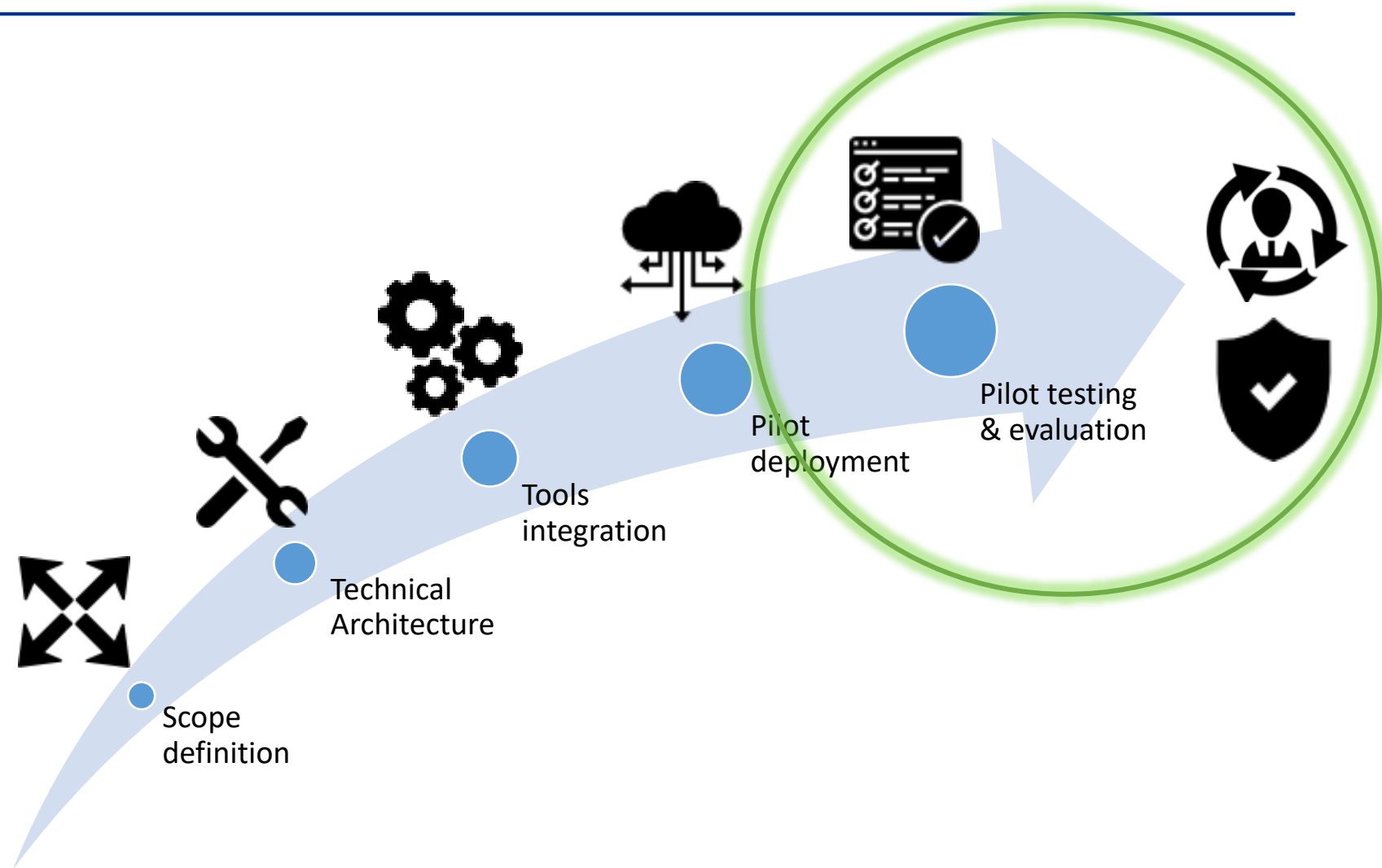


Pilot 2 – REQUIREMENTS AND VALIDATION CRITERIA – PILOT RESULTS

# ANALYSIS OF PILOT RESULTS

# Pilot phases



## Pilot Results - Overview

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- **All tools are correctly integrated and work as expected.**
  - **Enabled a continuous audit of 15 SLO/SQOs.**
  - **The pilot was demoed multiple times to various stakeholder, testing both success and failures for each SLO/SQO.**
- 
- **The pilot shows that the tools adequate for the task.**
    - **The tools were reviewed and concluded that they are adequate for the purpose of the pilot.**
    - **External stakeholders were also able to use the tools and see how they reported compliance in real time.**
- 
- **Internal and external stakeholders were able to witness the practicality of continuous audit-based certification.**
    - **The feedback provided by internal stakeholders is generally positive.**
    - **Workshop organized in Barcelona was received with market interest and vibrant discussions.**

# Pilot Results – Control coverage



CCM Domain	Yes	Partially	No
Application & Interface Security	1	3	0
Audit Assurance & Compliance	0	0	3
Business Continuity Management & Operational Resilience	1	4	6
Change Control & Configuration Management	1	2	2
Data Security & Information Lifecycle	1	5	1
Datacenter Security	1	3	5
Encryption & Key Management	1	2	1
Governance and Risk Management	0	1	10
Human Resources	2	5	4
Identity & Access Management	3	7	3
Infrastructure & Virtualization Security	6	4	3
Interoperability & Portability	1	2	2
Mobile Security	6	3	11
Security Incident Management, E-Discovery & Cloud Forensics	2	0	3
Supply Chain Management, Transparency and Accountability	2	1	6
Threat and Vulnerability Management	0	2	1
<b>Total</b>	<b>28</b>	<b>44</b>	<b>61</b>

# Conclusions

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- **First step towards the Continuous Auditing based Certification.**
  - Framework & governance model defined.
  - Reference architecture and modules implemented and deployed.
  - FISH use case tested within EU-SEC partners and external stakeholders.



- **Flexibility to define the audit controls and the way to store evidence records.**



- **It does not completely substitute point-in-time auditing.**
- **Still needs some trust on the CSP and the contract with the customer.**



# Value proposition & benefits



## Different actors and perspectives

### Scheme Owner



#### Assurance and transparency

#### Continuous certification framework

Methodology

Implementation guidance

- Free material

- Paid training

#### Public registry of excellence

### Auditor / Consultant



#### Computer-assisted, automated auditing

#### Increase productivity

#### Extend the auditing services

Guidance

Support

Training

### Cloud Service Provider



#### Real-time & automated security control checking

#### Save money (on the long run)

#### Competitive advantage from "big players"

#### Proof of Trustworthiness

Quality / Professionalism label

Easier cooperation / partnerships

### Cloud Customer



#### Certification

Compliance to regulators

#### Easier Cloud Service adoption

#### Cost reduction

Demonstrate trustworthiness to own customers