



# European initiatives on cloud computing certifications

Cloud Stakeholder Meeting  
29. Juni 2017, EU Brussels



# The German Trusted Cloud Label



bitkom

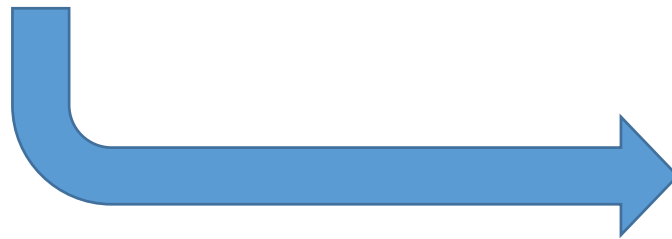
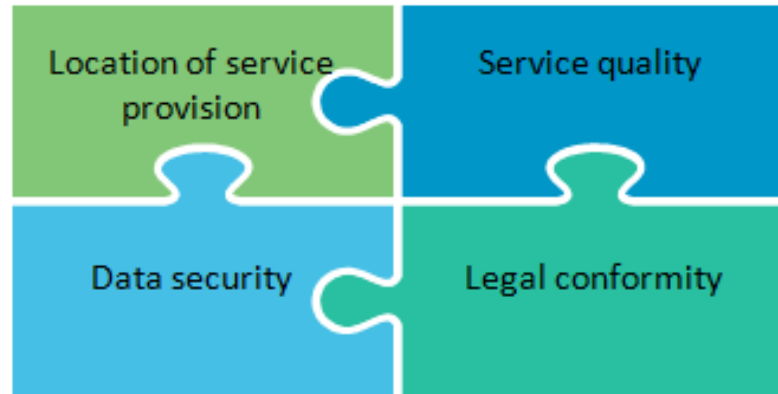
bümu  
Bundesverband  
IT-Mittelstand e.V.

VOICE  
CIO  
Bundesverband der  
IT-Anwender e.V.

EuroCloud  
DEUTSCHLAND | eco



# Baseline Criteria



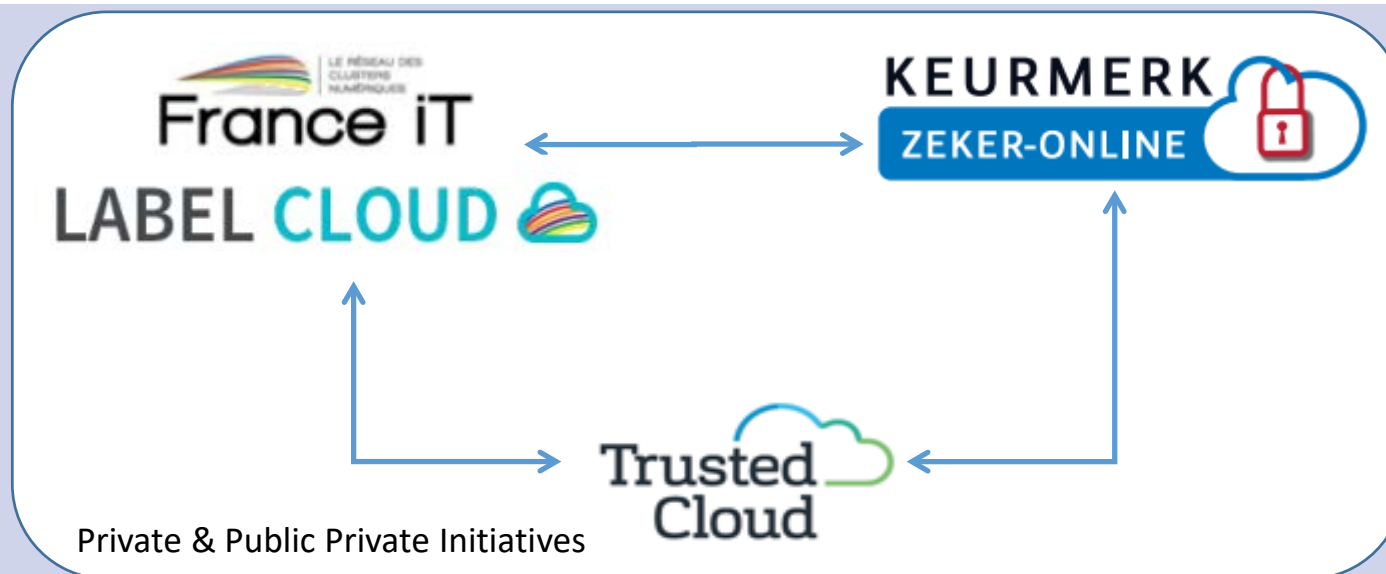
Areas of general controls	
Provider/Legal Information	Security Controls
Service-Mgmt.-Controls	Data Privacy Controls
Transparency on Subcos & data centers	Process Controls
Transparency on existing Certificates	Interoperability & portability Controls
Contract Controls	Architecture Controls
Enhanced by Industry Specific Controls	

# European context

## Targets

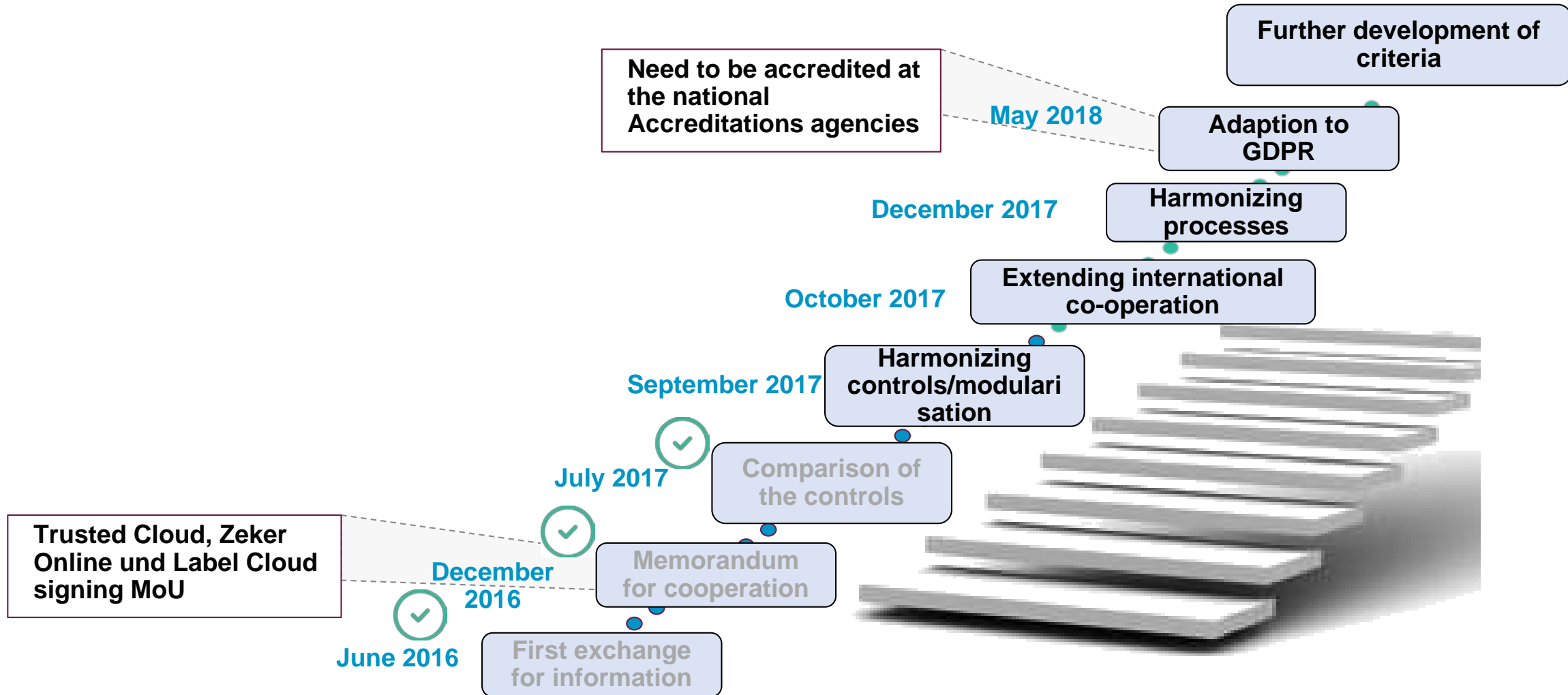
- *strengthen the european cloud industry*
- *reducing entry barriers for users*
- *promoting existing relevant certifications and standards*
- *harmonisation, standard. of controls*
- *adapting of GDPR*
- *building knowledge*
- **Mutual recognition**

## Existing Cooperation



Interested Countries: Austria, Slovakia, Romania, Czech Rep. ...

# Roadmap of the three initiatives



Thank you for your attention

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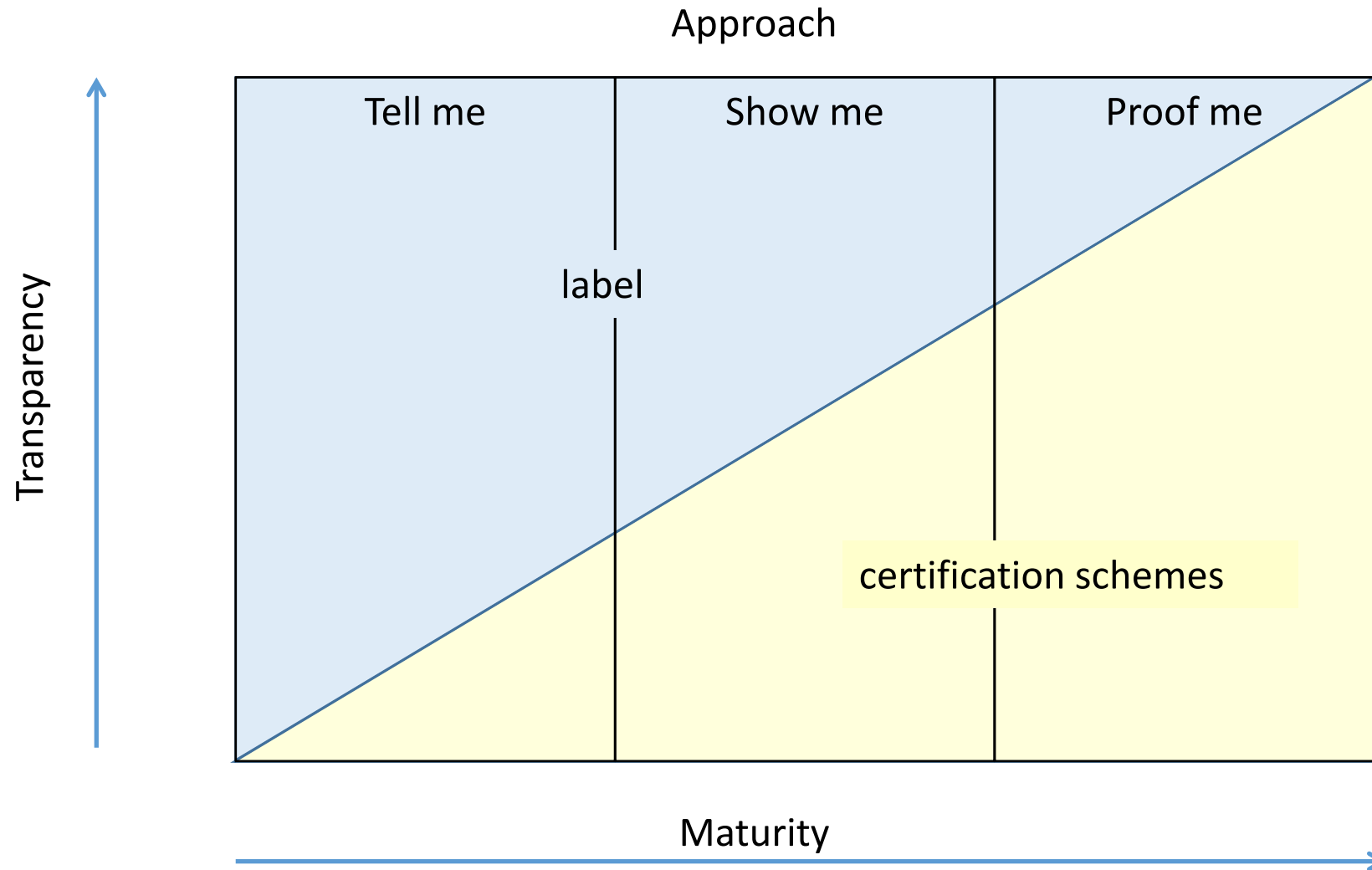
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# Back-up

# Usecase adapted certification schemes





# Approach and targets

## Comparison of the existing labels

- get an overview on the criteria
- get an overview of the target groups of the criteria
- get an overview of the different processes to assign for a label
- identify best practices

## All labels ensure:

- increasing confidence in cloud computing (security aspect).
- **identifying the potential benefits** of cloud computing
- helping to **minimize the risk of exploitation.**
- enhancing **competitiveness**
- **building up transparency** about cloud computing and cloud service
- **professionalisation** of cloud services (security, services etc.)

## General Data Protection Regulation

- Article 42/43 - Certification
- The Member States, the supervisory authorities, ... , the establishment of data protection **certification mechanisms** and of **data protection seals** and marks, for the purpose of demonstrating compliance with this Regulation of processing operations by controllers and processors.
- The specific needs of **micro, small and medium-sized enterprises** shall be taken into account.

# Additional Comparison of the three labels



Other Details	Zeker-Online	Label Cloud	Trusted Cloud
Controls	279	173	167
On-site/external Audit	X	X	
Validation based on documentation			X
Certification Board	X	X	X
Self-test		X	
Cycle	3 years	2-4 years	1 year (3 year)
Private Initiative		X	
Public-Private Initiative	X		X
Independent Governance	X	x	x