



Orchestration, Automation and Virtualisation Maturity Model

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WP6 T4

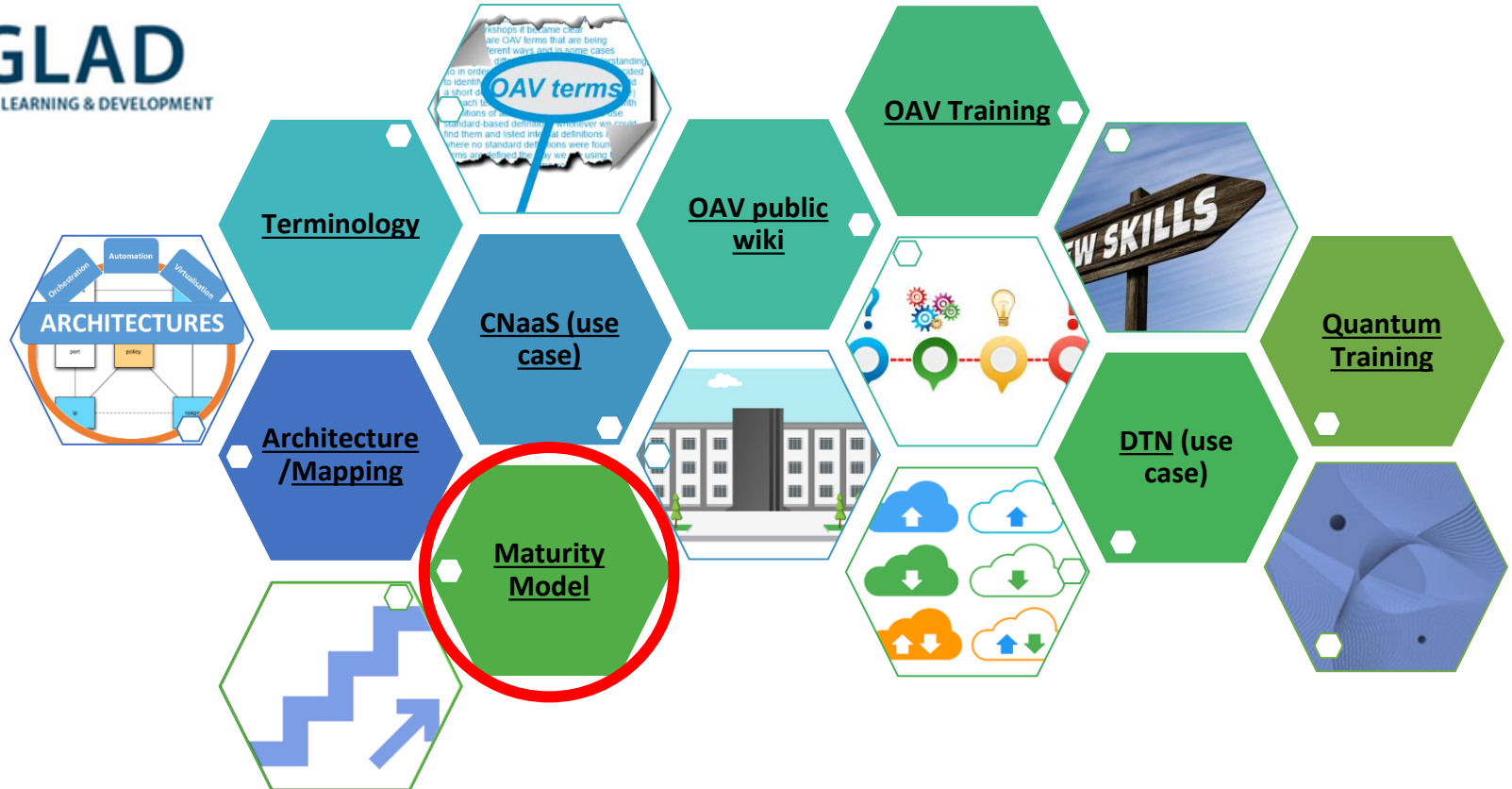
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Public (PU)

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Maturity Model Goals

Measure	Measure the current OAV capabilities in a meaningful way
Identify	Enable clear identification of strengths and improvement points, be aware of threats and opportunities
Prioritise	Help prioritise what to do in order to advance and improve
Journey	Identify gaps between the current and future state and how to get there

Why OAV MM?



Provide a common OAV progress indicator for the community



Help organisations on their OAV journey

Building the OAV MM



Adopted a MM development methodology based on design science



Defined OAV as the MM application area



Analysed over 15 existing MMs related to some aspect of OAV



Developed the OAV MM iteratively



Evaluated usefulness, quality and effectiveness



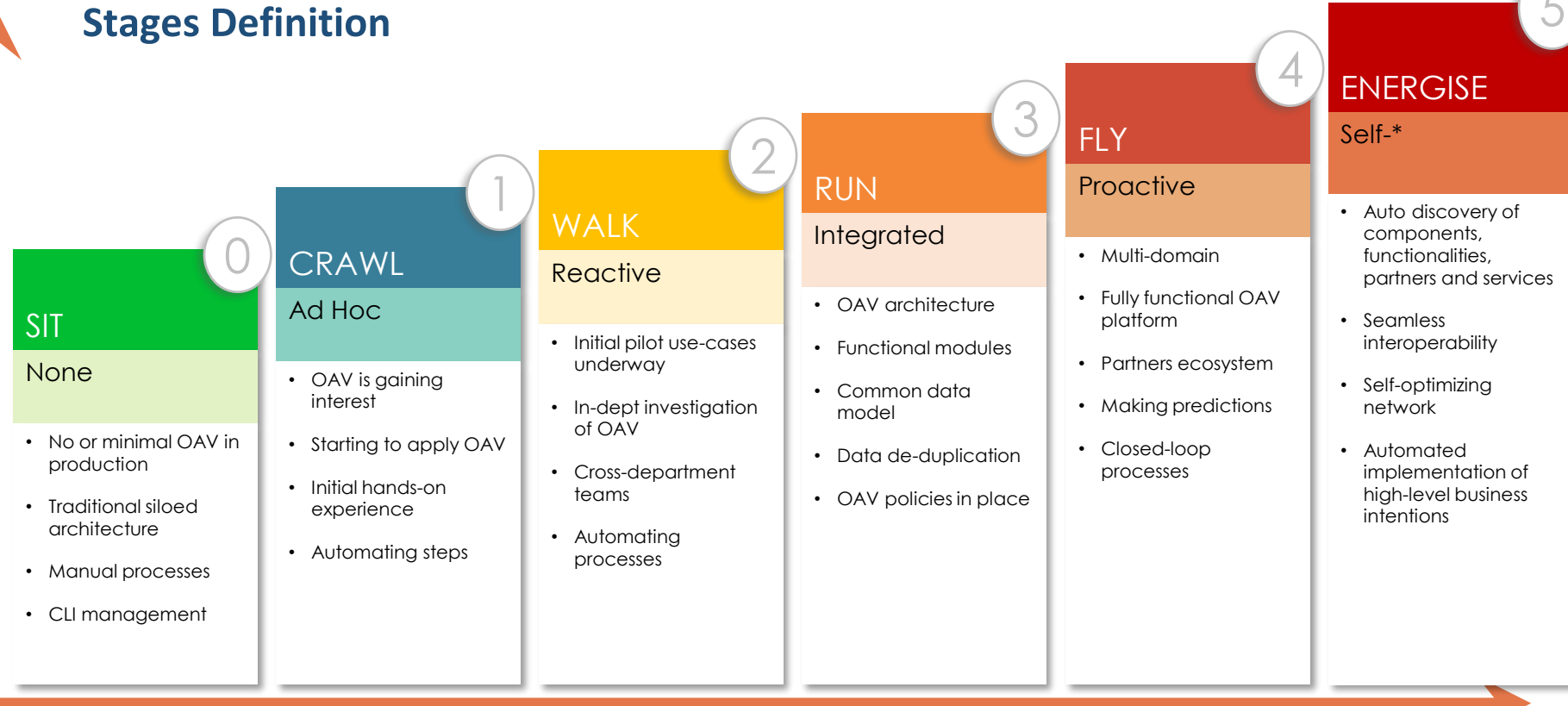
Prepared a questionnaire to support the self-assessment process

OAV Maturity Model - Stages



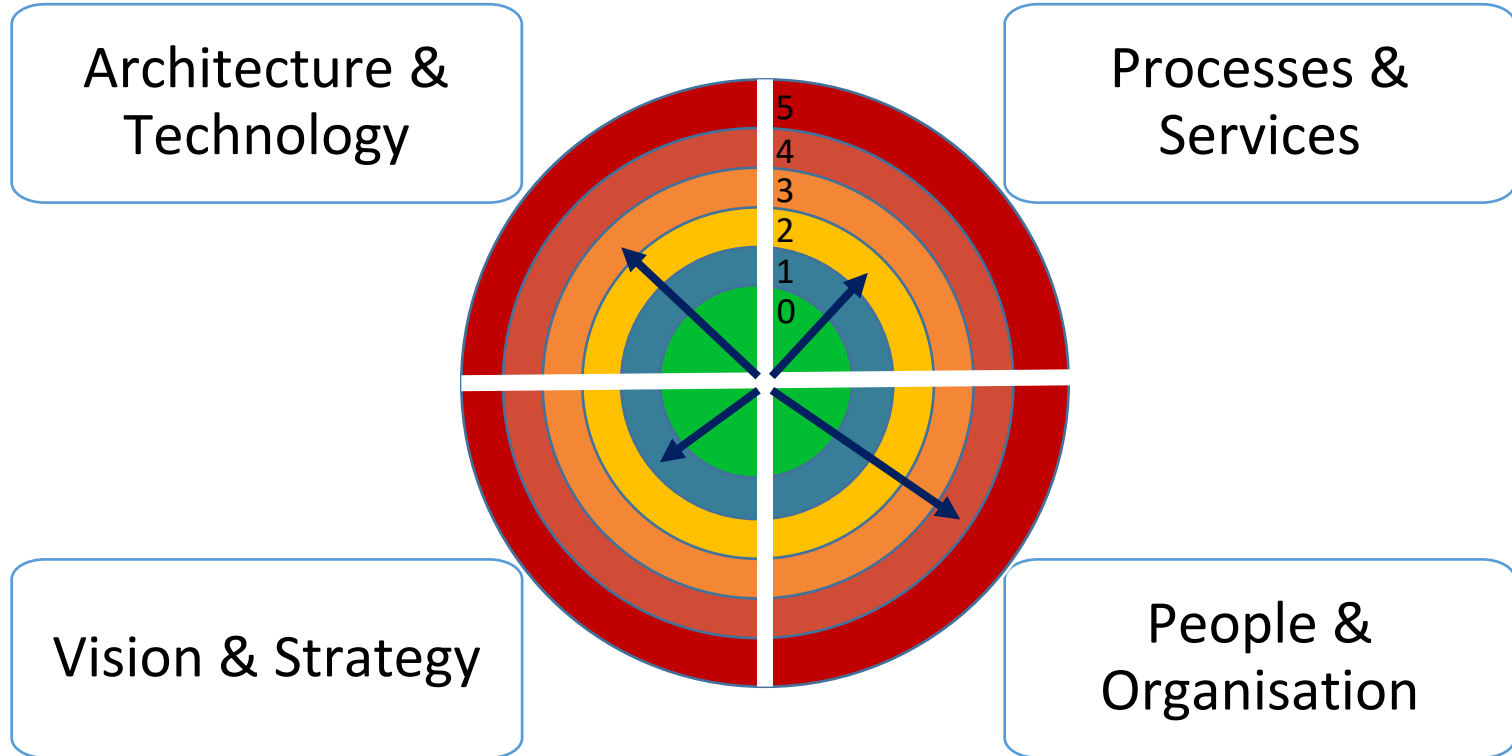
Stages Definition

ORGANISATION REACH



MINDSET ADOPTION

OAV Maturity Model - Dimensions



Dimensions definition

- architectural and technological capabilities
- necessary to develop, establish and continue to evolve an OAV environment

Architecture
& Technology

- process management
- service lifecycle management
- OAV activities needed to achieve successful digital services

Processes &
Services







- aligning OAV with corporate objectives
- defining corresponding priorities across the organisation

Vision &
Strategy

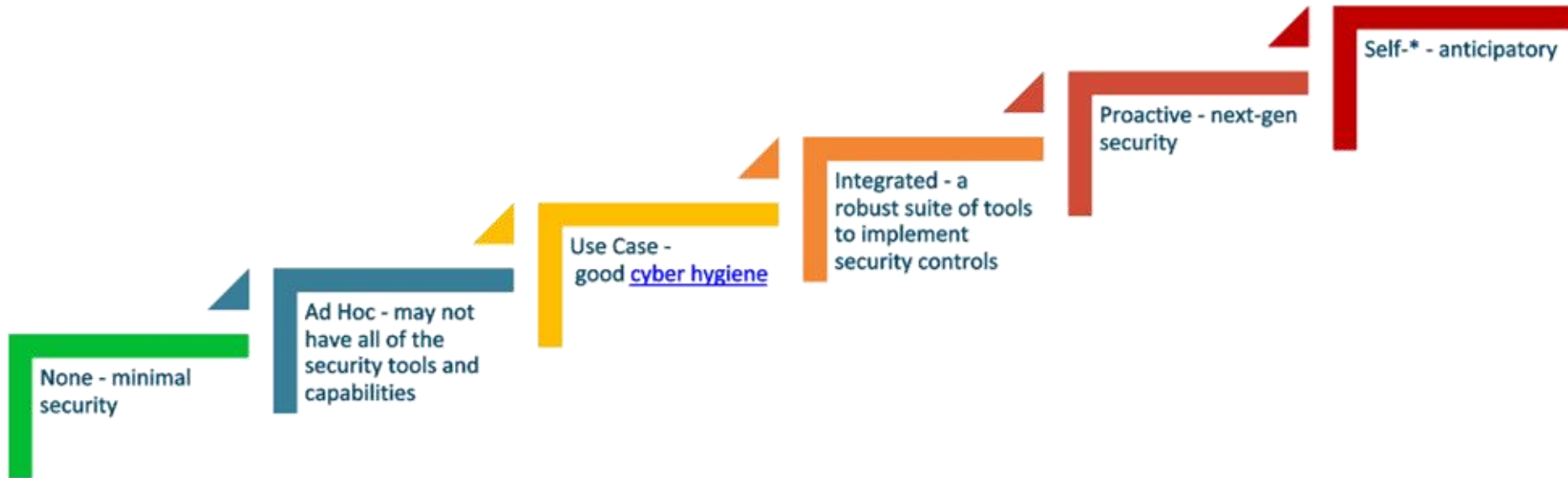
- organisational culture that supports the adoption and advancement of OAV
- all stakeholders
- open, innovative, agile and flexible collaboration

People &
Organisation

OAV Maturity Assessment

			Architecture & Technology	Processes & Services	Vision & Strategy	People & Organisation
Level 5		Self-*				
Level 4		Proactive				
Level 3		Integrated				
Level 2		Reactive				
Level 1		Ad Hoc				
Level 0		None				

Example for Security



OAV MM Wiki

Detailed information about the Maturity Model can be found on the Wiki pages:

<https://wiki.geant.org/display/NETDEV/OAV+Maturity+Model>

It can help you check your OAV progress through stages and dimensions

Conducting a Maturity Assessment



Three-phase approach

OAV Assessment

- <https://www.surveymonkey.com/r/SPYDQVB>
- 31 questions
- Data is used for analytical purposes only
 - we do not publish data for individual institutions
- Report is sent to the person defined in survey

Tips & Tricks

Choose

Choose the best answer by collaborating with relevant parties

- Avoid personal views and opinions
- Try to define strict measurable criteria relevant for your organisation

Consolidate

Consolidate the results and define your to-be stages

Achieve

Keep in mind that future state objective does not need to be to achieve the highest level in all areas

- Depends on goals, expenses, applicability...

Important to remember!



Assessing your maturity isn't a one-time exercise



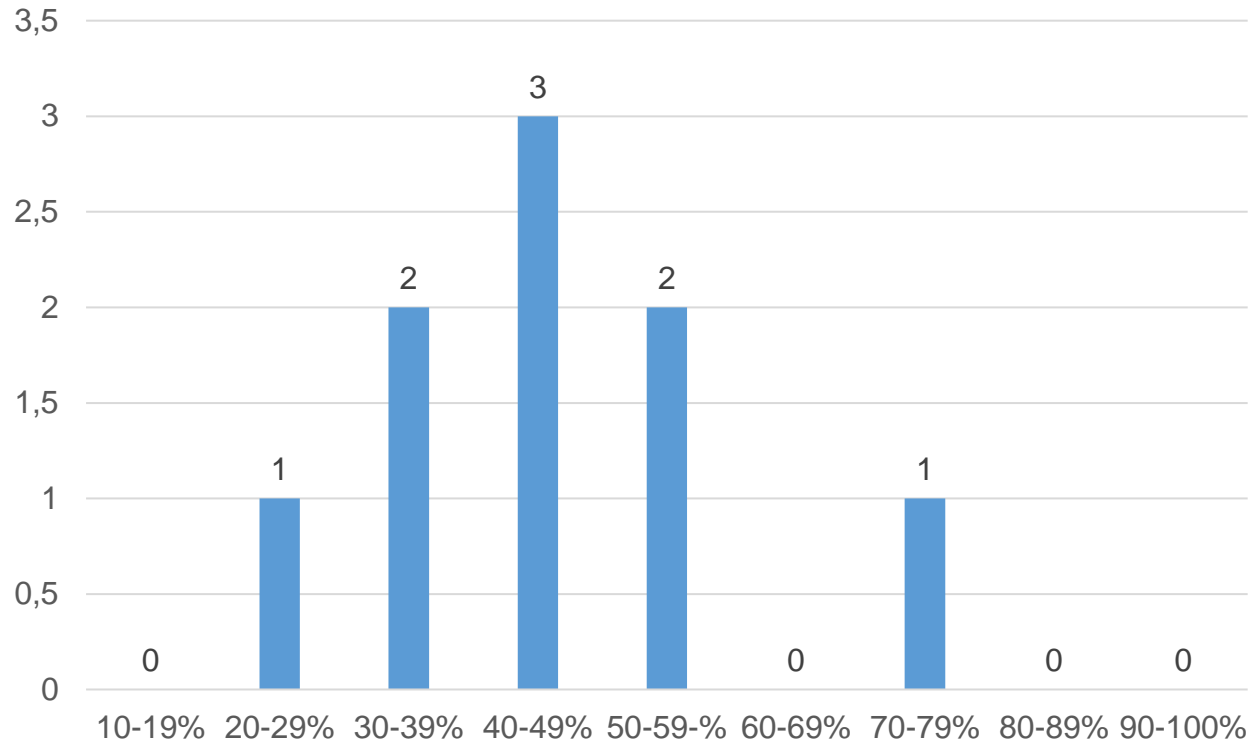
You need to measure your progress toward your desired to-be state



Re-assessing your maturity levels helps review if changes are leading to the right direction

Some Results

Current Community OAV Score Distribution*



* 9 NRENs analysed so far



Thank You!

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