GLOBAL WIND ORGANISATION

Thomas Grønlund

Training Project Manager

- Commander (r) Royal Danish Navy Training & Education Branch
- MEd Adult Learning and Human Ressource Development
- Key focus areas are pedagogical and didactic development and design

Taxonomy

How many of you use the concept of a “Taxonomy”, when you discuss or plan learning activities?

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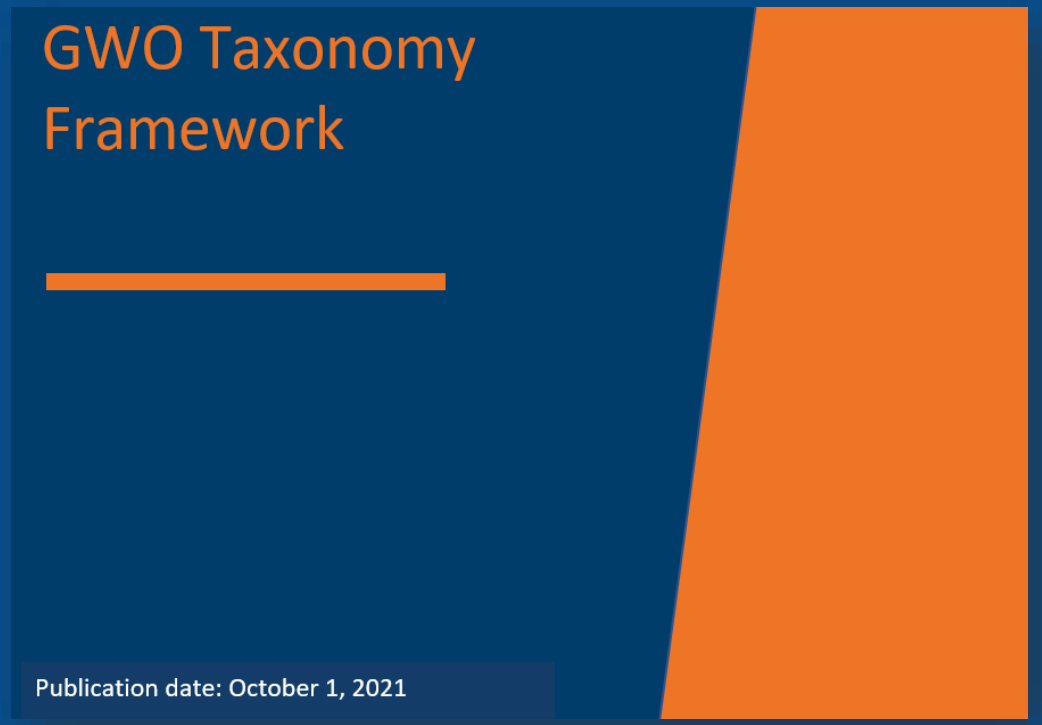
Governance document in
Requirements for GWO Training Providers

My aims for his presentation:

1. Promote the organisation, I represent
2. Inspire you to raise awareness of the application of digital learning tools – in a taxonomic perspective



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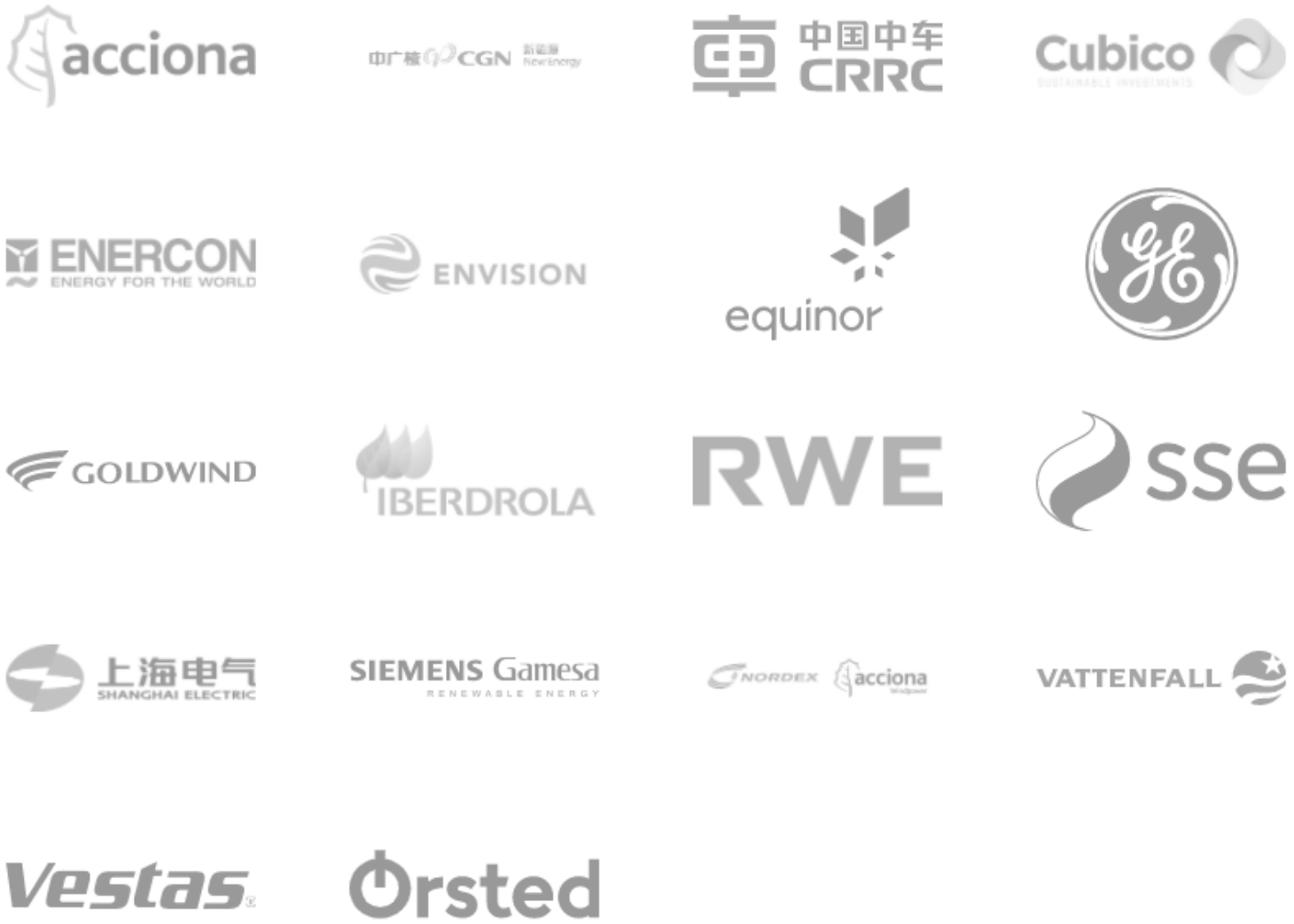
Global Wind Organisation



GWO is a non-profit organisation established by globally leading wind turbine manufacturers and owners

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Wind safety trainings

294.000 course certificates in 2021

440 Training providers

120.000 technicians in LMS

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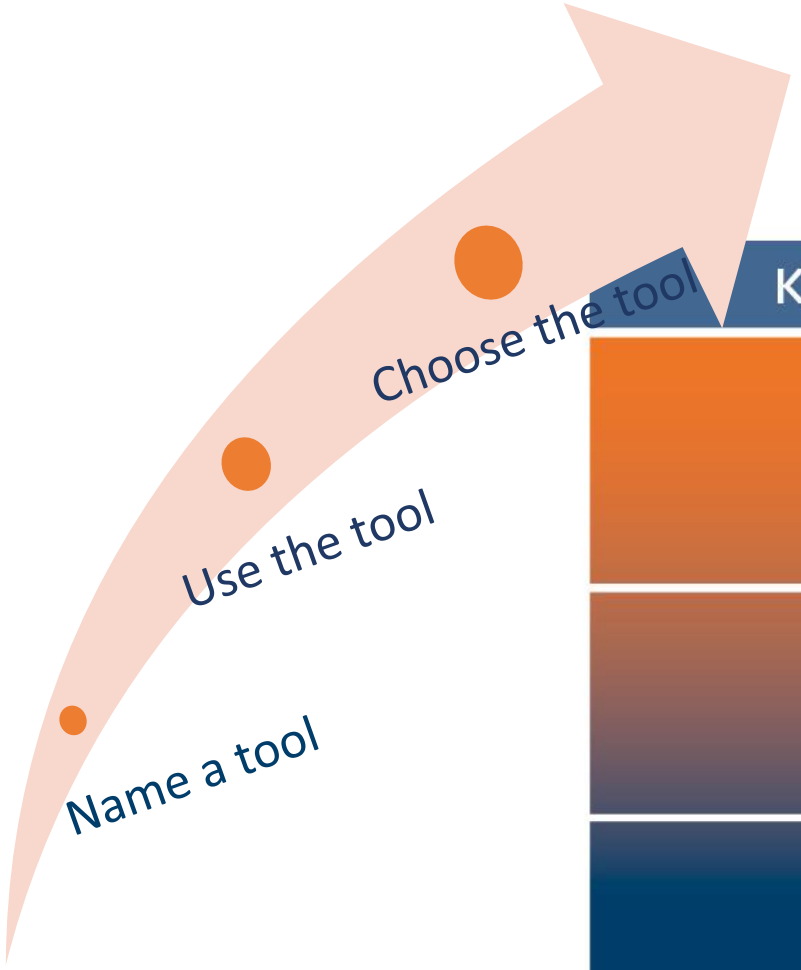
Taxonomic levels and domains



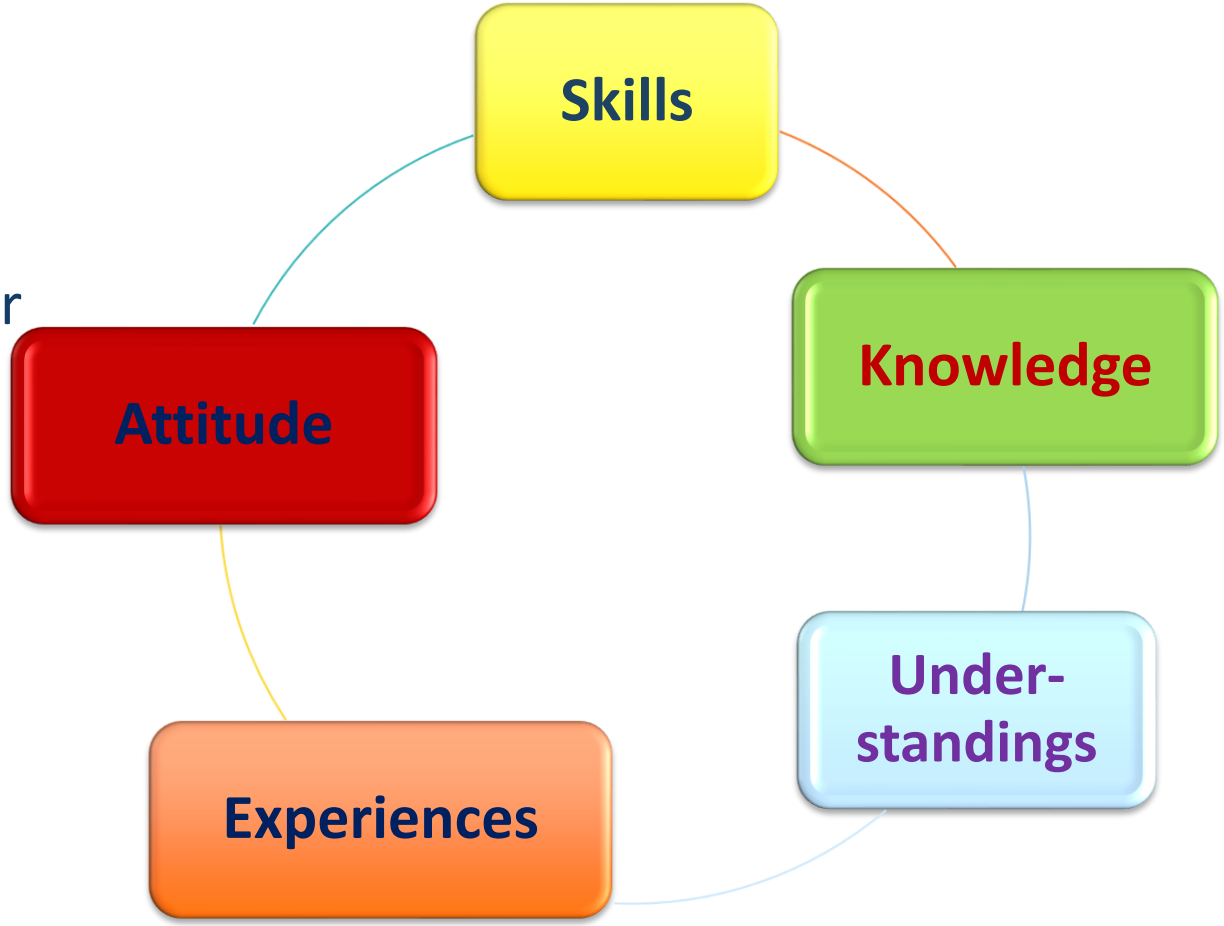
Knowledge	Skills	Ability
Advanced level		
Intermediate level		
Basic level		

Ability domain

Learning objectives on the Ability domain seems to be a challenge:

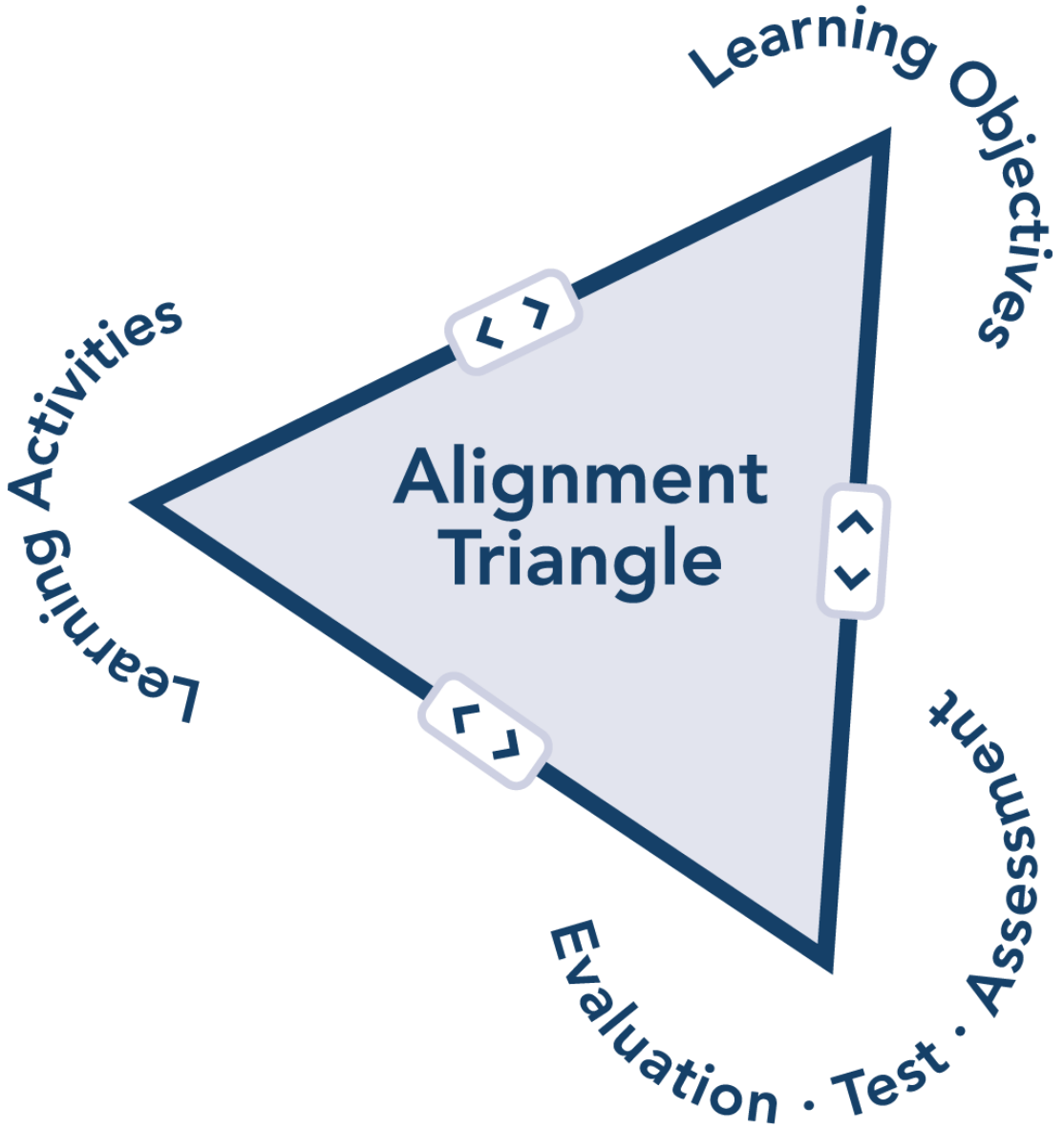
In our definition, Ability is about applying your knowledge, skills, attitude, professional experiences and personal characteristics when doing the job – independently or in cooperation with others.

And to take initiative and **take the necessary responsibility** of acting in a safe manner



The framework includes: (in each “box”)

1. Examples of learning objectives
2. Inspiration to understand the learning processes
3. Suggestions for learning activities
4. Guiding for ways to evaluate



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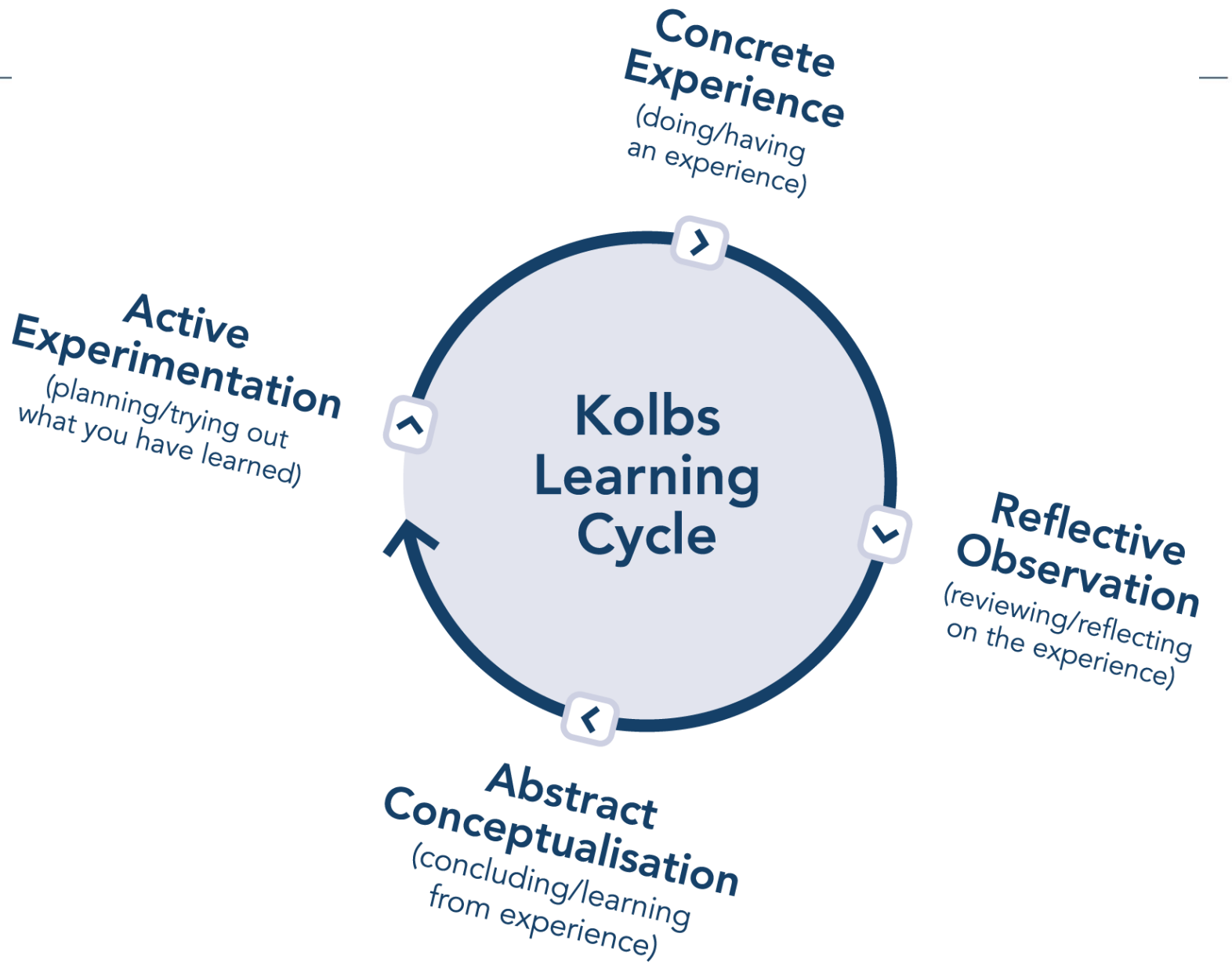
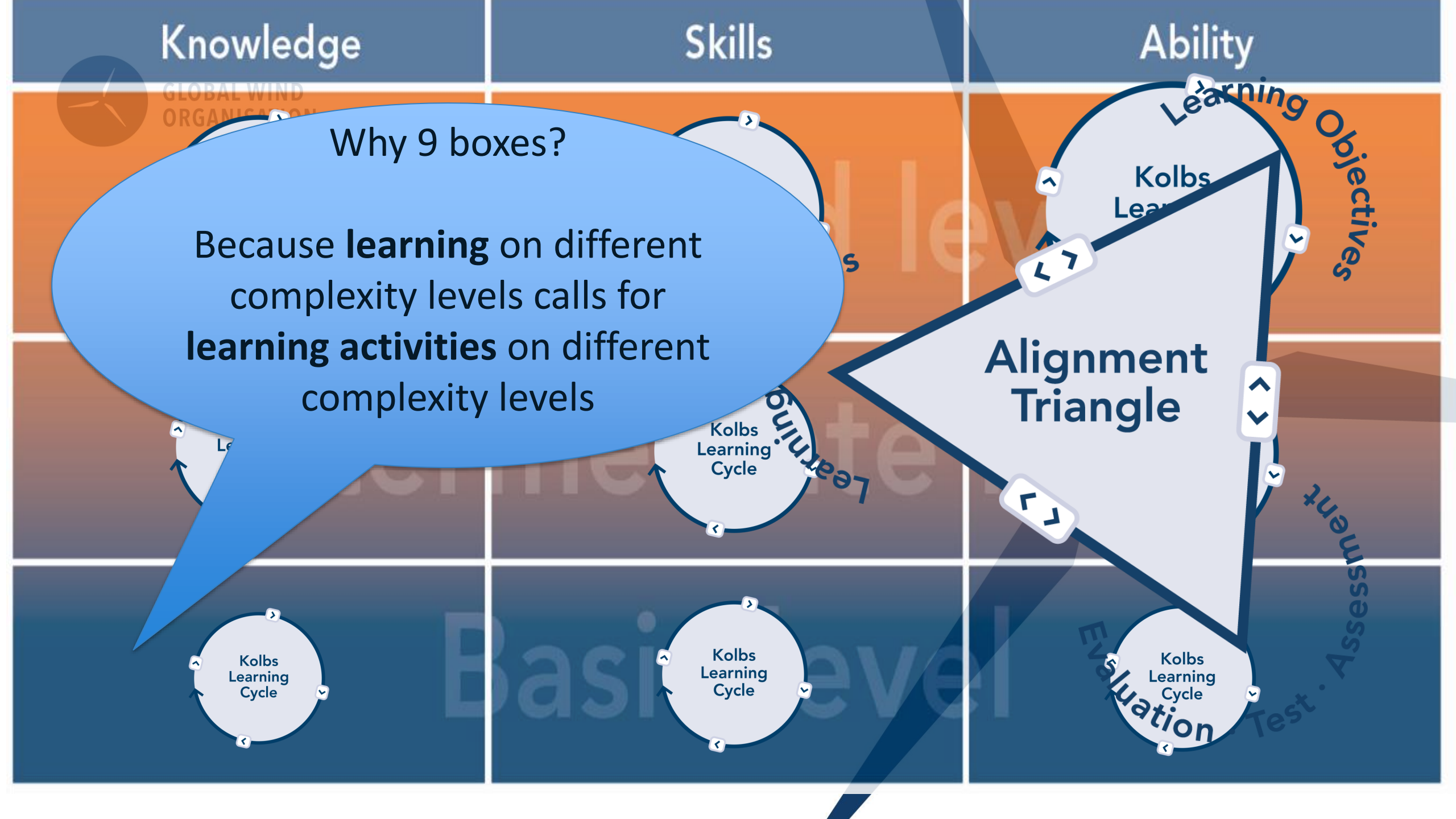
Learning proces




Knowledge
Skills
Ability
Why 9 boxes?
Because **learning** on different complexity levels calls for **learning activities** on different complexity levels
Kolbs Learning Cycle
Kolbs Learning Cycle
Kolbs Learning Cycle
Kolbs Learning Cycle
Learning Objectives
Alignment Triangle
Learning
Evaluation
Test · Assessment

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Now is the time to share knowledge

Brainstorm on digital learning tools, and we will measure our ambitions of these in relation to the taxonomy domains and levels

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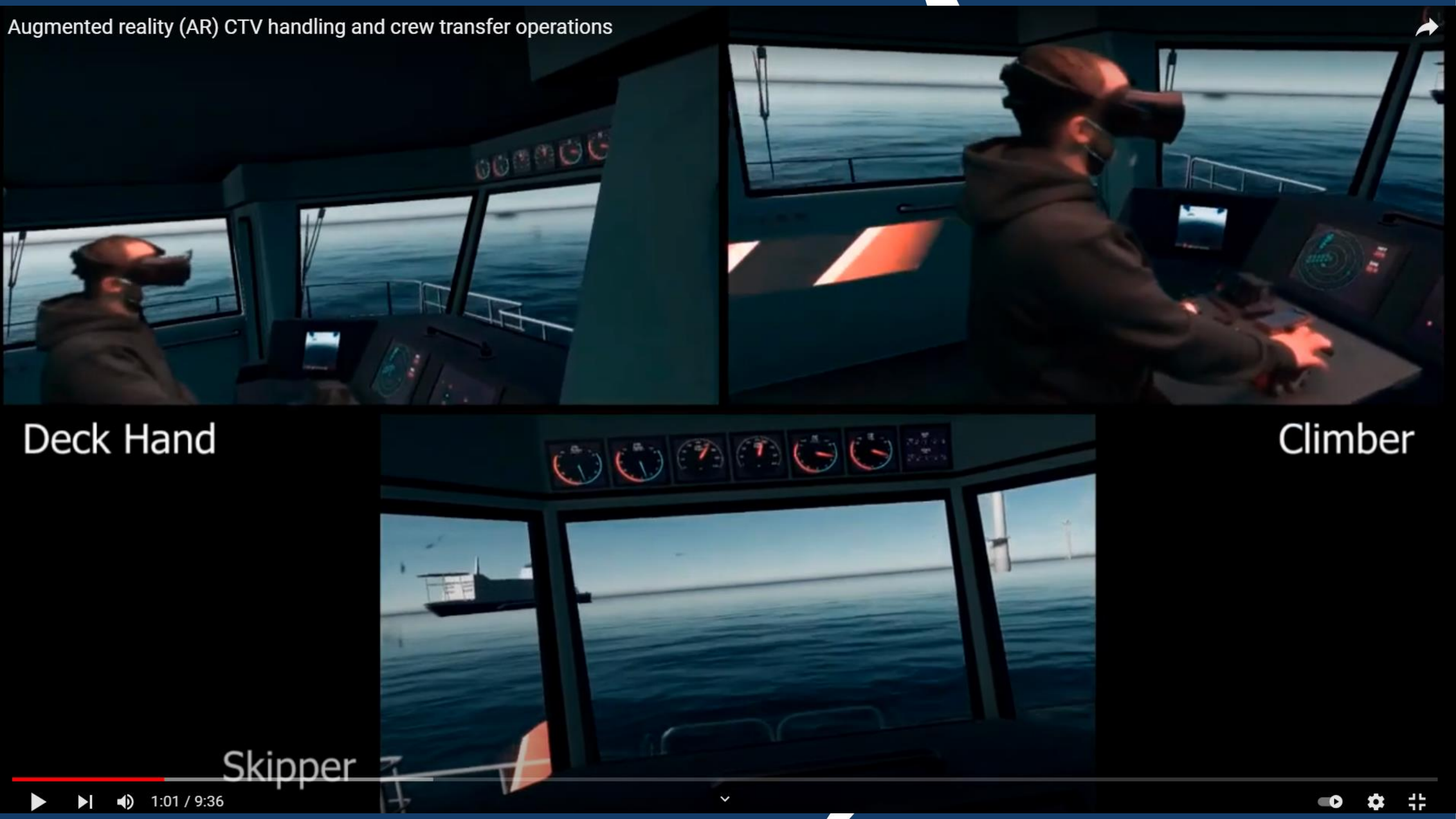
Synchronous Online Learning

Gear VR
oculus
PlayStation.VR
VIVE
Microsoft HoloLens
Upknowledge
Upknowledge
0:25 / 2:50


Augmented reality (AR) CTV handling and crew transfer operations
Deck Hand
Climber
Skipper
1:01 / 9:36

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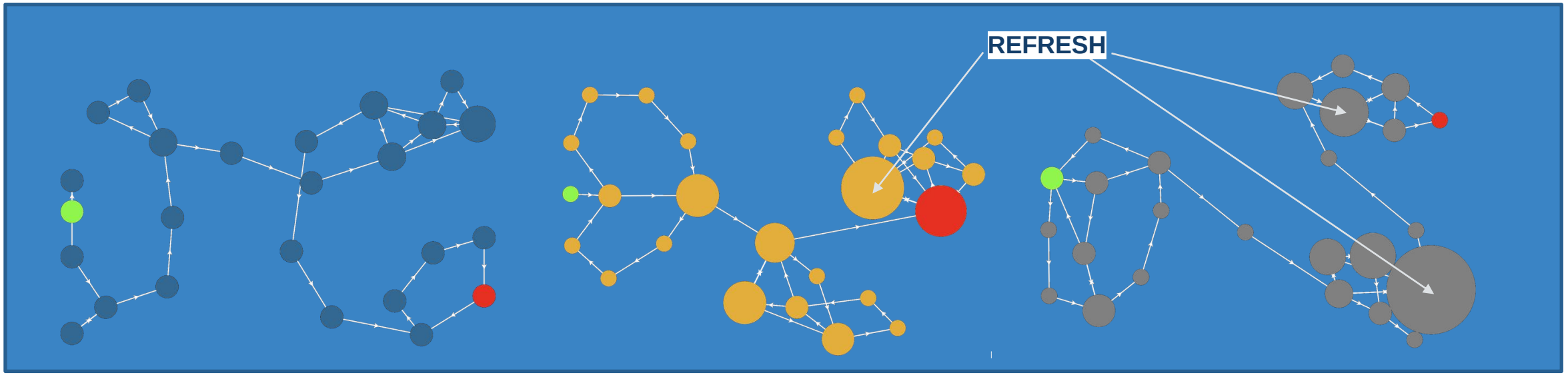
UNIQUE PATHS TO PROFICIENCY



	Learner 1	Learner 2	Learner 3
Final	100% proficient 8m 25s	100% proficient 19m 39s	100% proficient 33m 40s
Initial	88% correct 9% consciously incompetent 3% unconsciously incompetent	52% correct 7% consciously incompetent 41% unconsciously incompetent	47% correct 29% consciously incompetent 24% unconsciously incompetent

Data from Feb 2019 from telecommunications company, technical training course RelyOn Nutec

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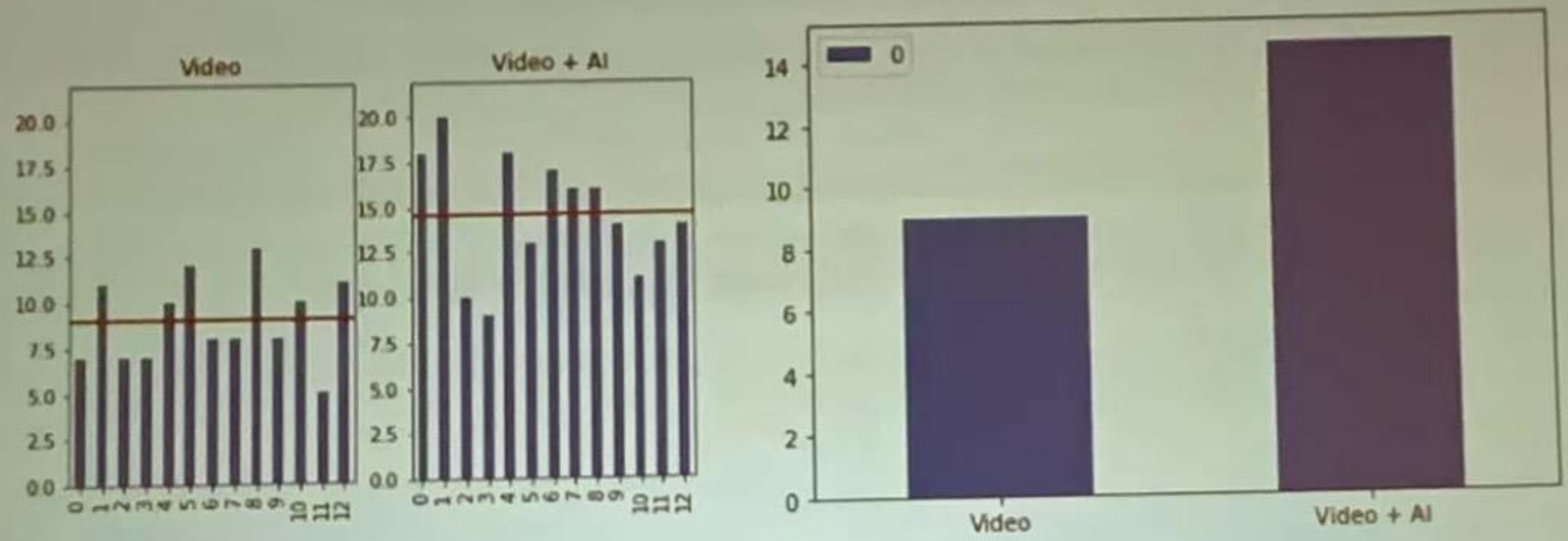
VIDEO v VIDEO + WildFire



61.5% increase in mean retention, from a mean value of 9.00 to 14.54

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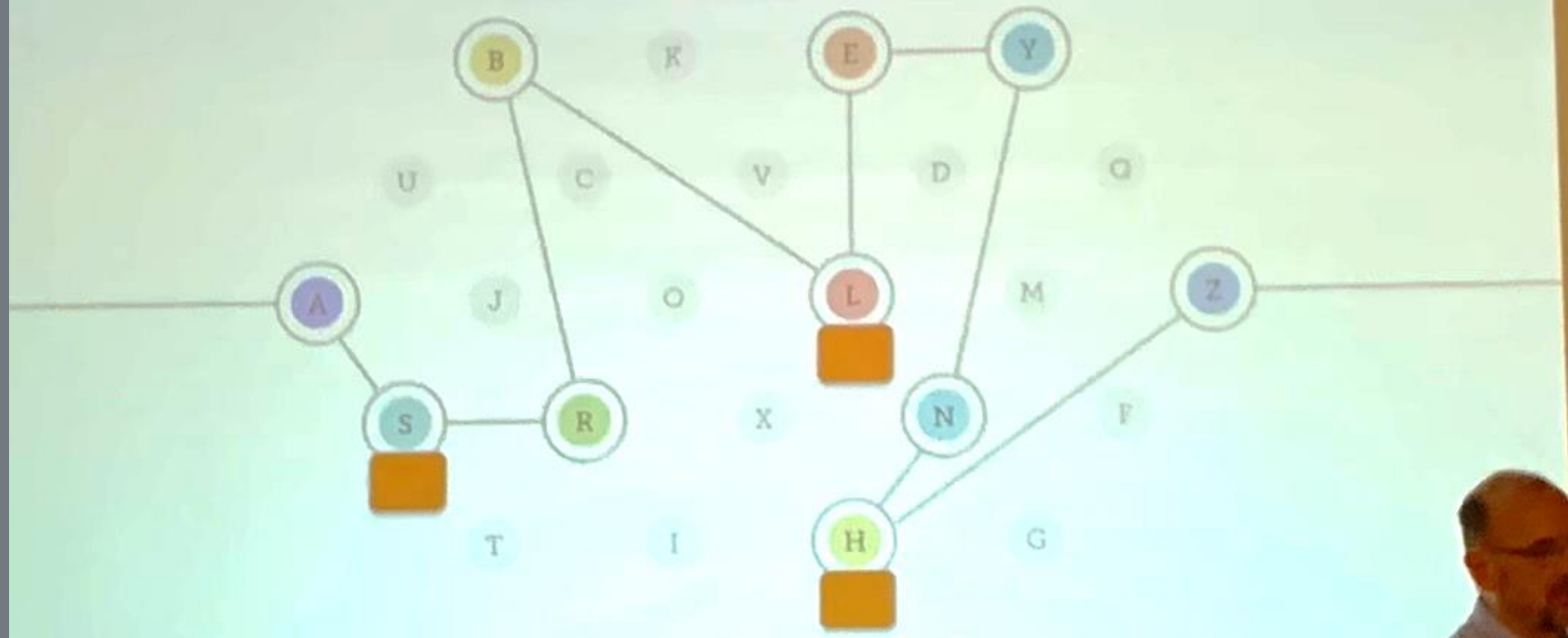
Adaptive sets you free from the A to Z



It understands you – and finds the best way through

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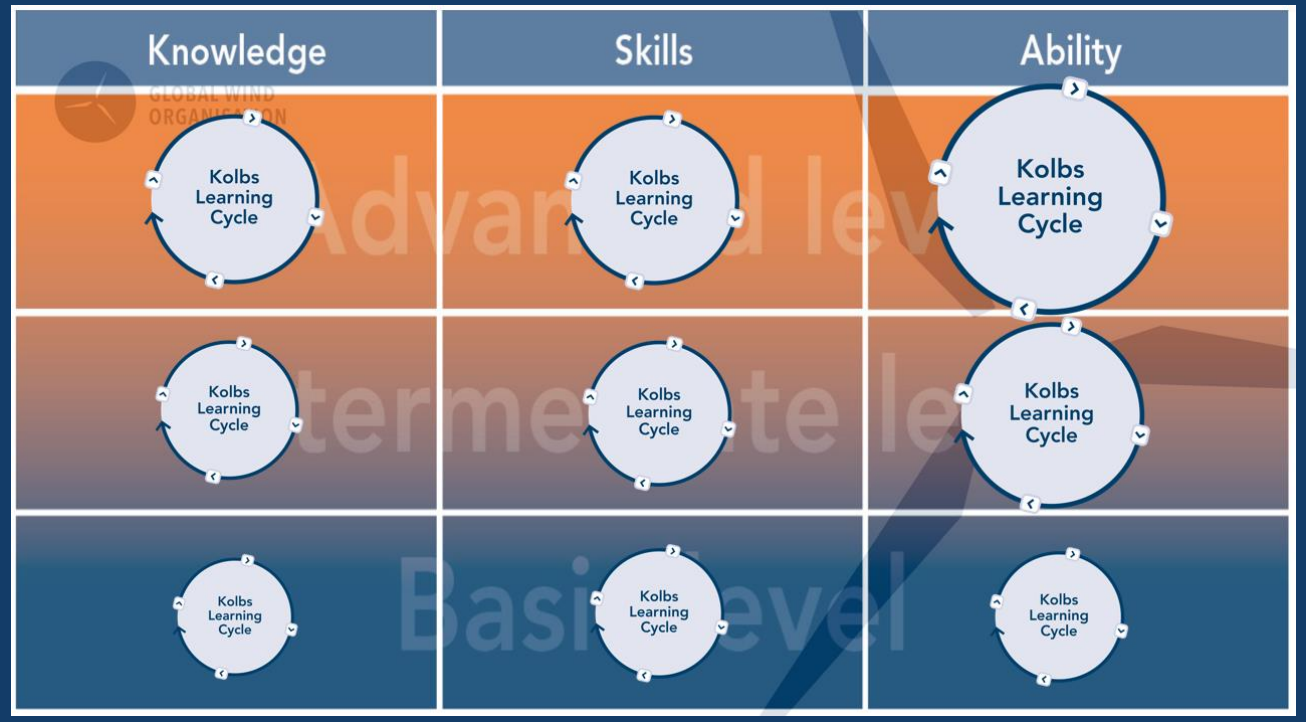
I hope, this short session has inspired to raise awareness of the application of digital learning tools – in a taxonomic perspective



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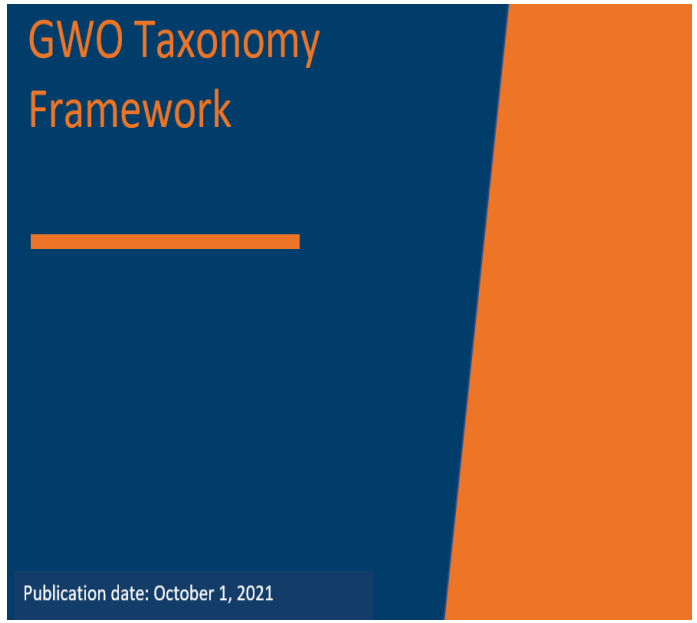

Thank you for participating in the presentation

Julie, Mihaela, Christian, Jakob and Thomas

"The GWO Training Team"