How to integrate sustainable entrepreneurship education into my teaching in Life Sciences – the INTRINSIC approach

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Erasmus+

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What is…

Sustainable entrepreneurship…

- in its basic form is entrepreneurial activity not undermining the ecological and social environment in which it operates,

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What is…

Sustainable entrepreneurship…

- in its basic form is entrepreneurial activity not undermining the ecological and social environment in which it operates,

- and in its more expressed form is aiming at solving problems related to sustainability by generating social and environmental value for others in society.

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Support teachers to support students on their…

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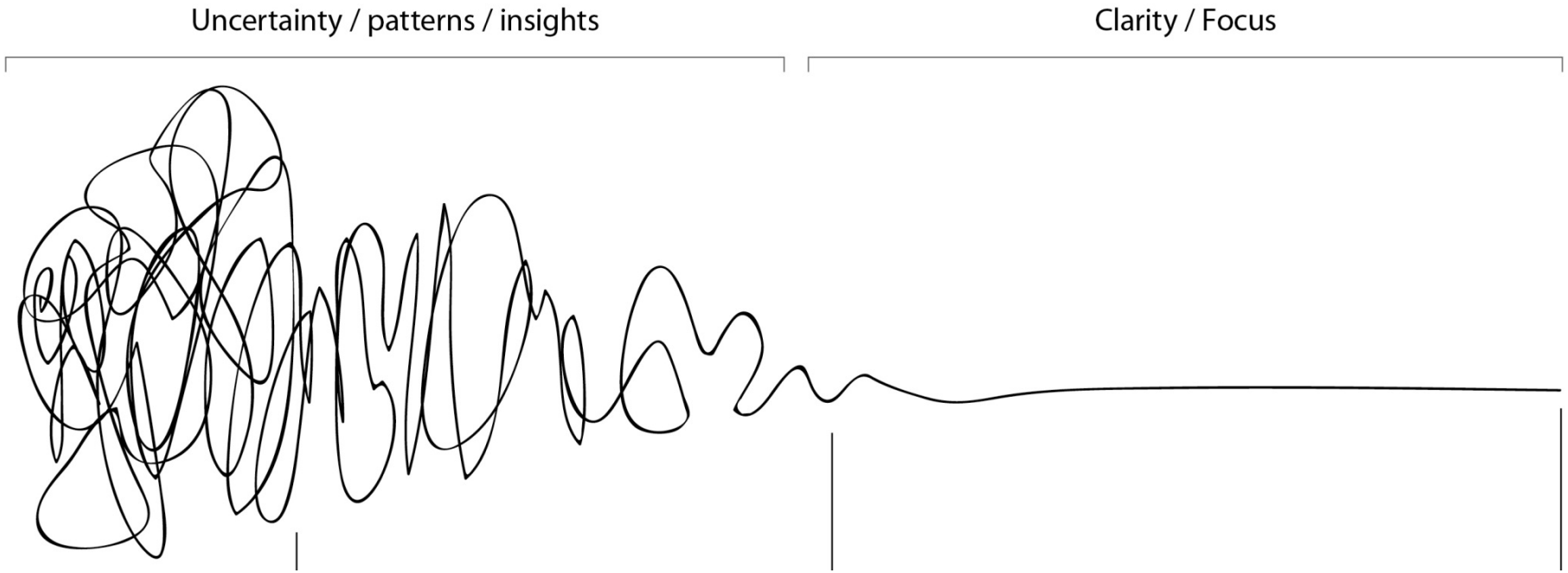
The entrepreneurial journey



Based on Osterwalder & Pigneur, 2010

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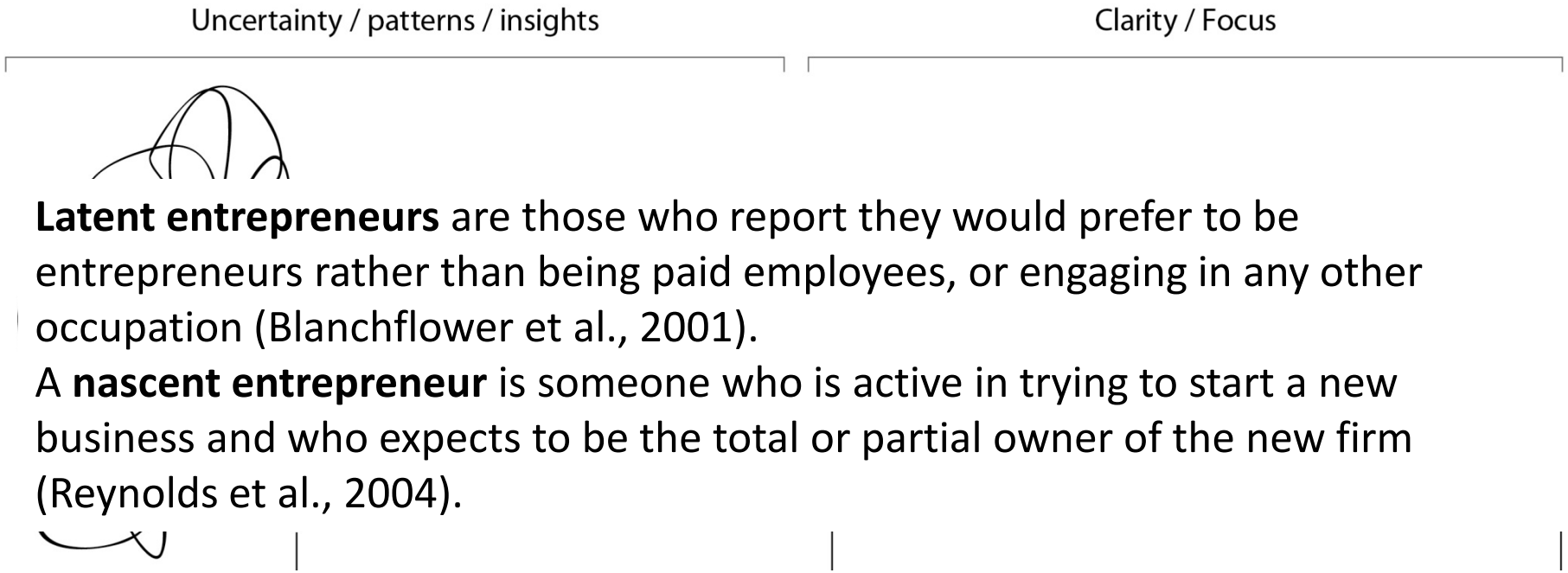
Latent and nascent entrepreneurship



Latent entrepreneurs are those who report they would prefer to be entrepreneurs rather than being paid employees, or engaging in any other occupation (Blanchflower et al., 2001).

A **nascent entrepreneur** is someone who is active in trying to start a new business and who expects to be the total or partial owner of the new firm (Reynolds et al., 2004).

Based on Osterwalder & Pigneur, 2010

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Sustainable entrepreneurship competences

Ploum, L., Blok, V., Lans, T., & Omta, O. (2018). Toward a validated competence framework for sustainable entrepreneurship. Organization & environment, 31(2), 113-132.

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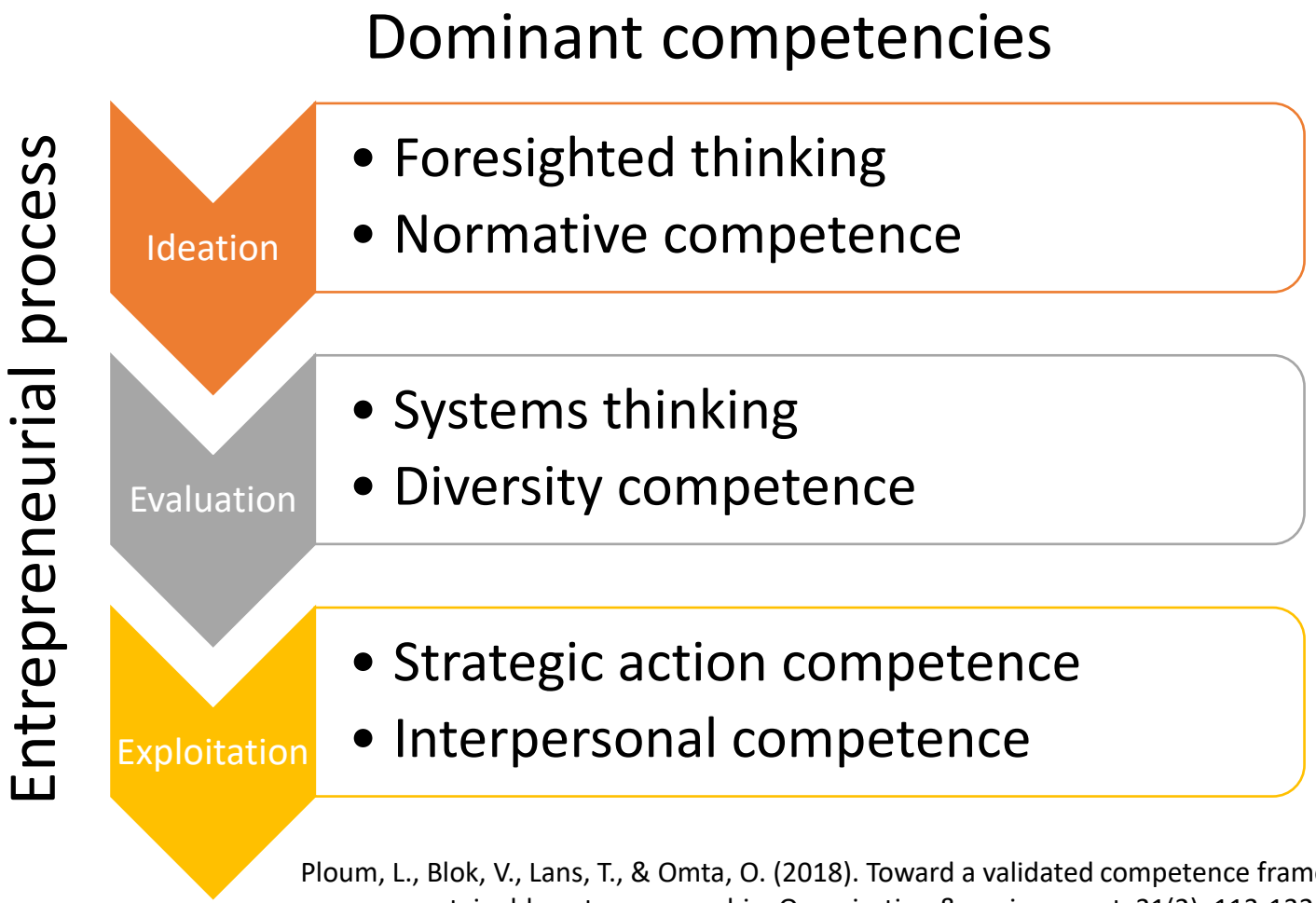
Sustainable entrepreneurship competences - applied



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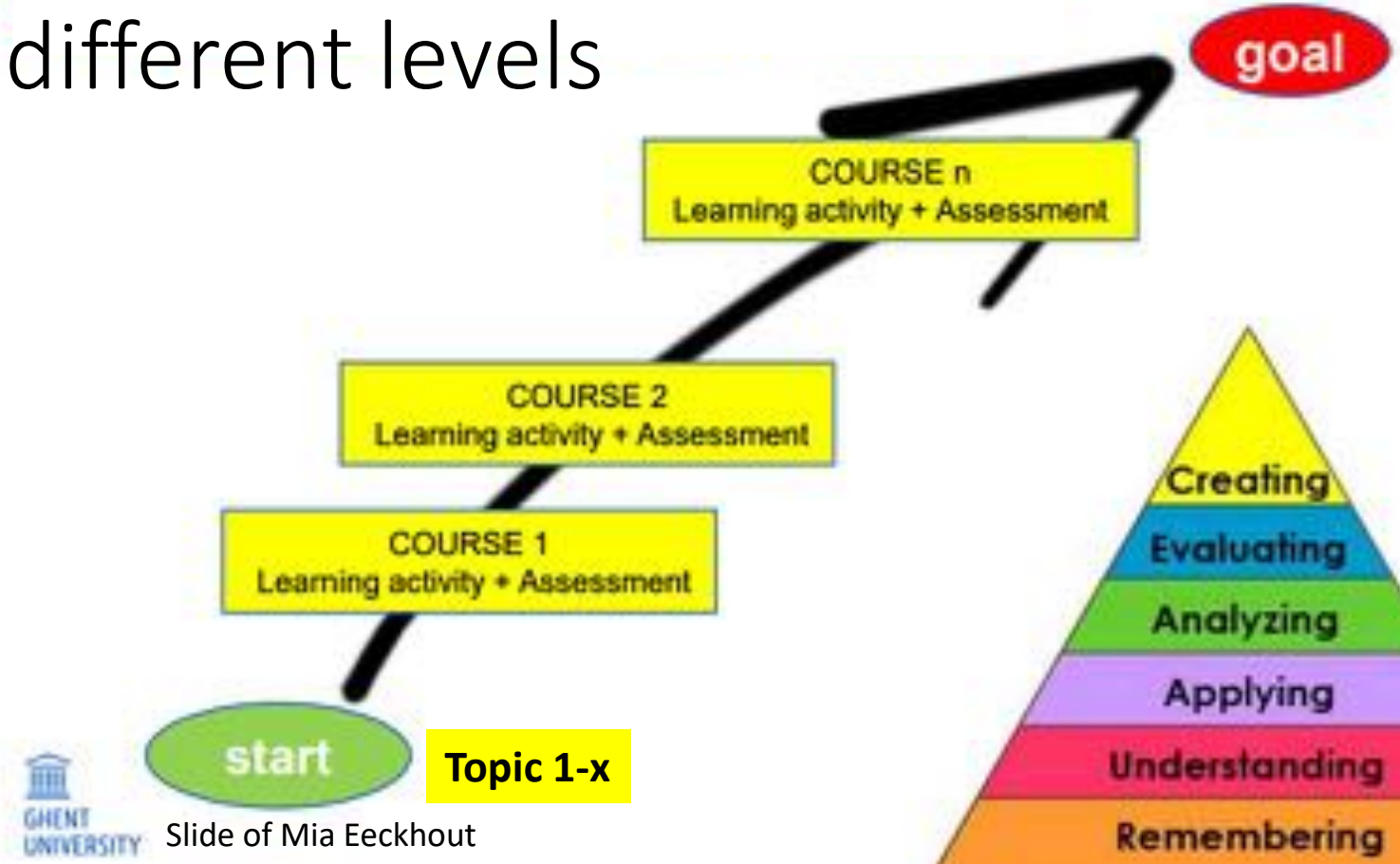
The Learning Trajectory – across the curriculum – different topics with courses at different levels



The Cognitive Domain (knowledge)

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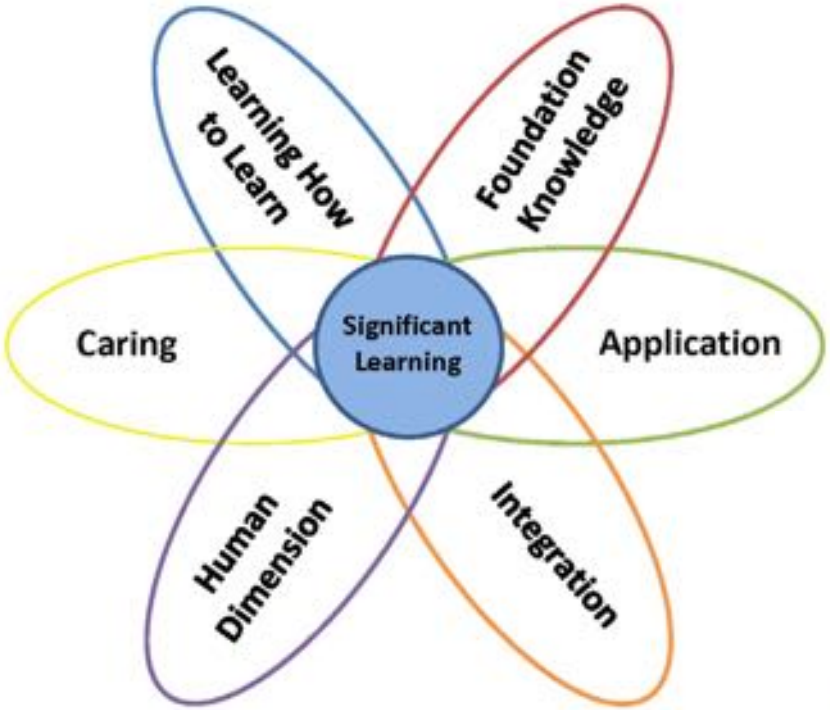
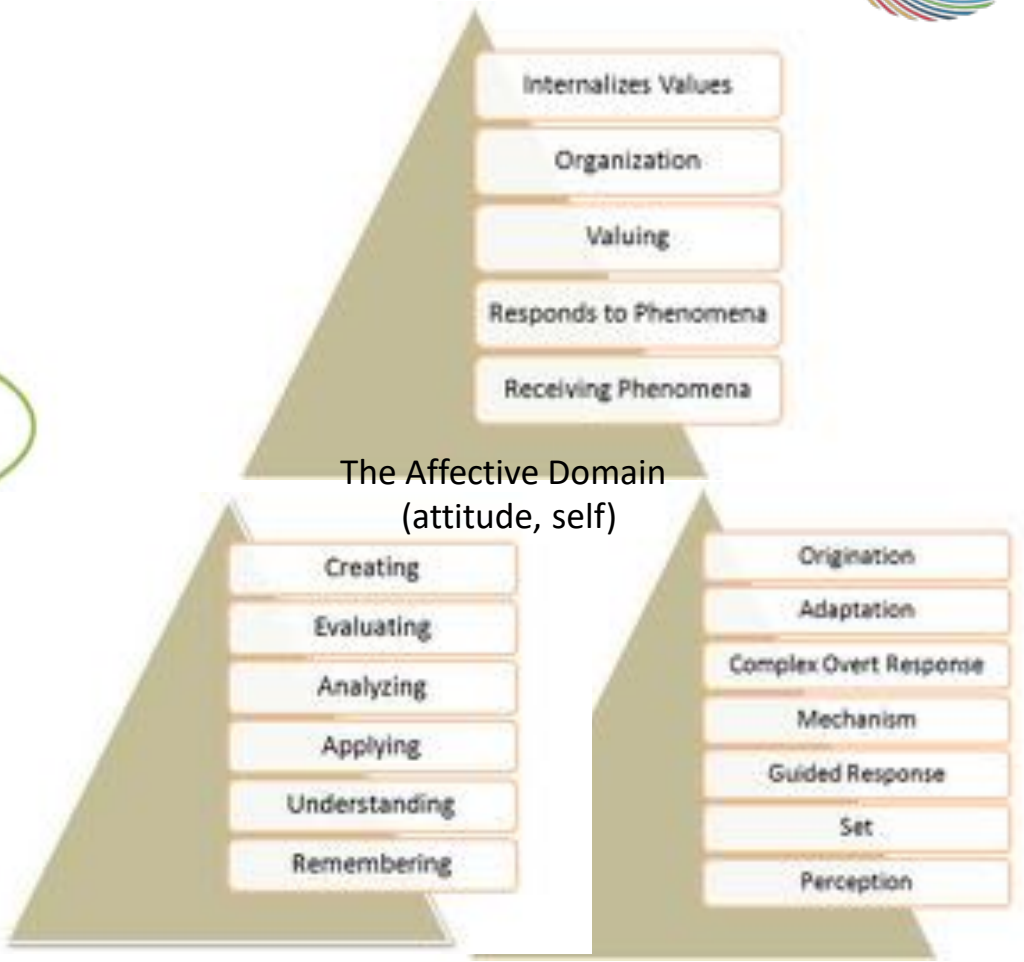
Learning & Progression



Taxonomy of significant learning
(Dee Fink, 2013)



http://www.nwlink.com/~donclark/hrd/bloom.html

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Support and train teachers

- INTRINSIC modular interactive web-platform & INTRINSIC Connected Entrepreneur Educator APP
- INTRINSIC Staff development module
- INTRINSIC Design tool for teaching sustainable entrepreneurship in Life Sciences
- INSTRINSIC Entrepreneur Monitoring APP
- INTRINSIC Case studies, testimonials & application recommendation/good practice

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Web-Platform www.intrinsic.eu

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Connected Educator

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Webinar series (also on demand)

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Staff training platform (Open Edx)

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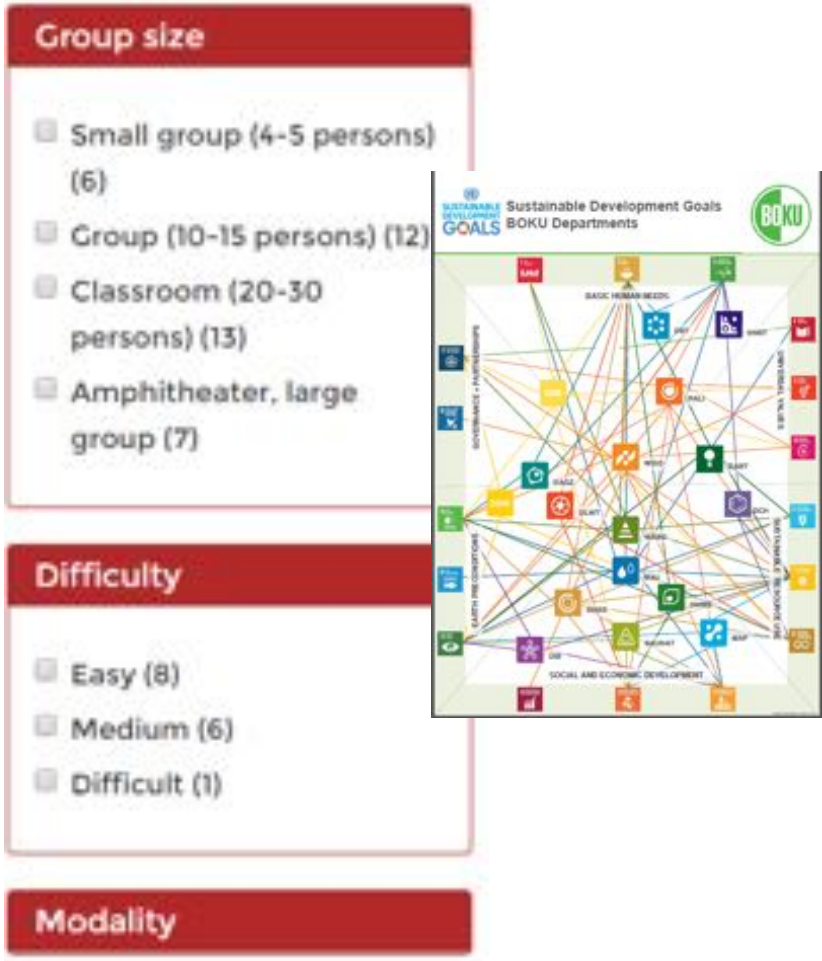
The Teaching Design Tool

- Guidance to teachers to implement teaching in sustainable entrepreneurship in their curricula.
- Different entry points – depending on the interest of the teacher
- Starting with the definition of the domain and the description of the skills and competences students should acquire.
- Modality, level of study/difficulty
- Linked to SDGs
- The final step is the assessment of the skills and competences.

→ Easy access tool containing a stepwise method to develop course modules for Sustainable Entrepreneurship (SE) for different domains in life science.



The Mind Set Monitor

- Progressive Web-App
- Go to: https://apps.liveapp.eu/pwa/intrinsic/

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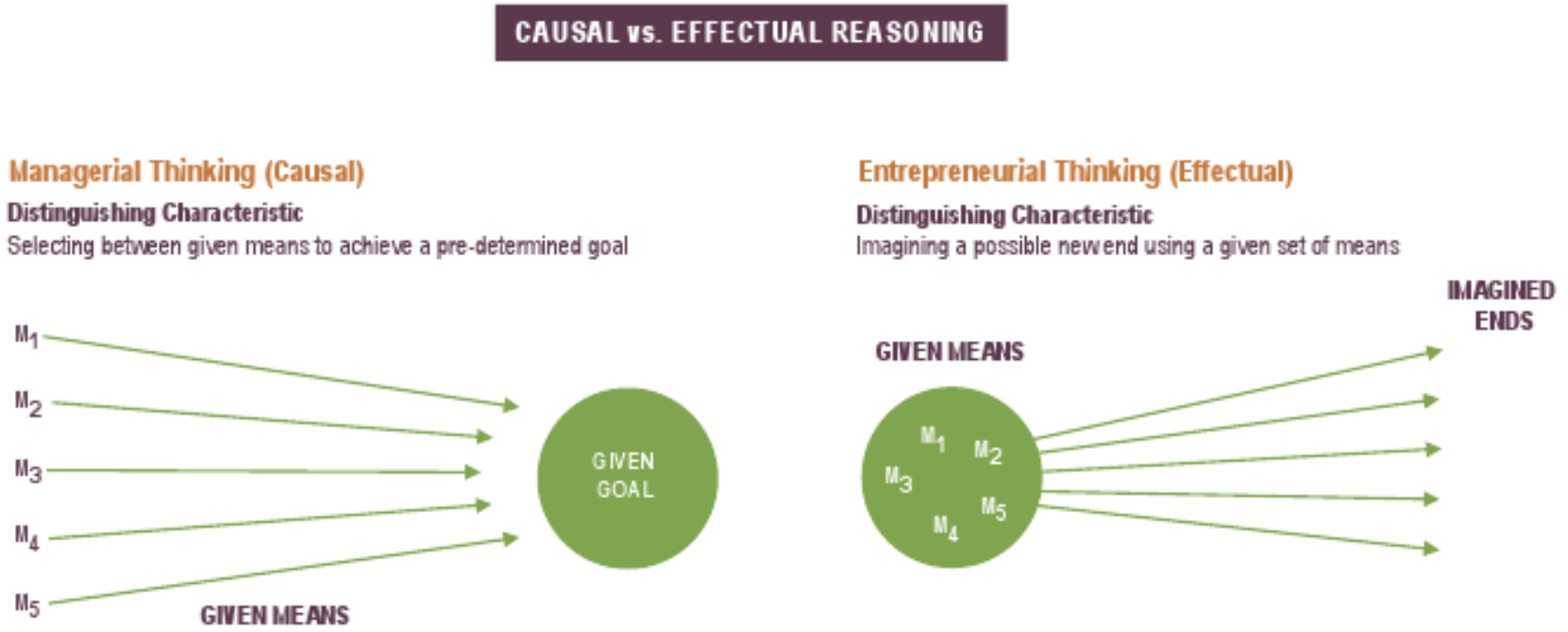
How to ‘capture’ the mind-set?



Sarasvathy, 2001

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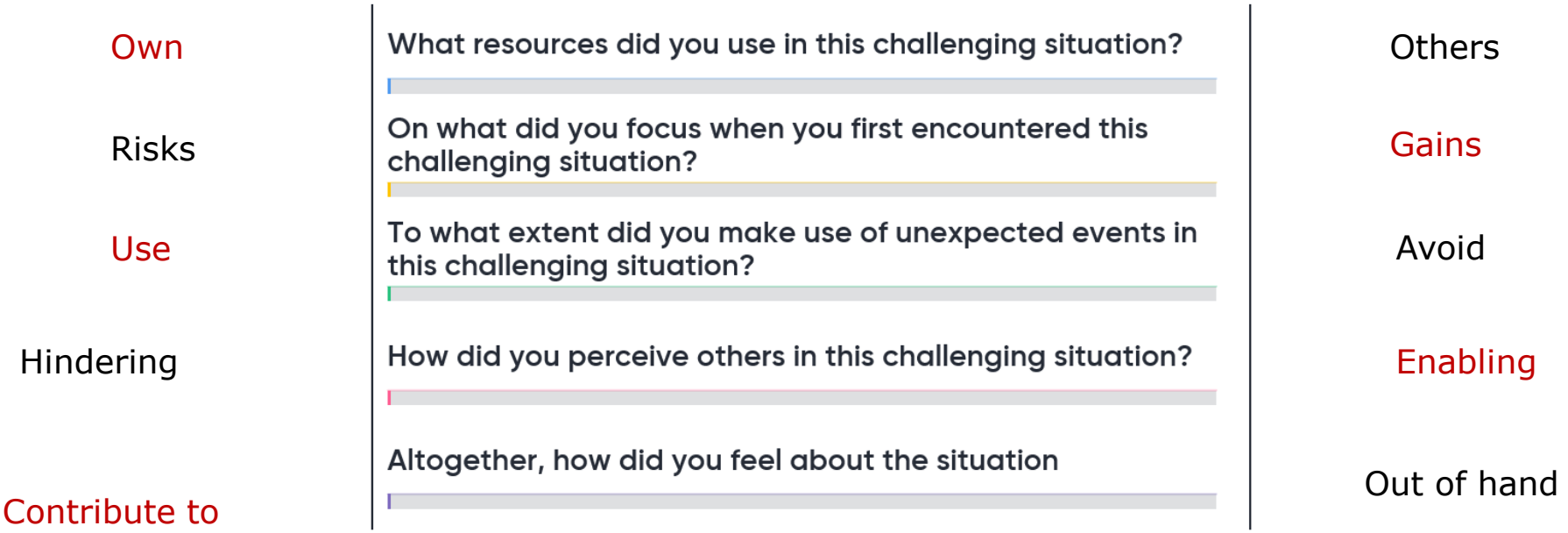
More or less causal/effectuatal



By Thomas Lans

The starting question

Take a challenging situation in mind that you faced in the past two weeks, where the outcomes of your actions are not necessarily predictably positive and include situations you may encounter socially, organizationally (studies or work) or in cross cultural situations.

Before you start, please add a personal code, that we could use later to track multiple responses.

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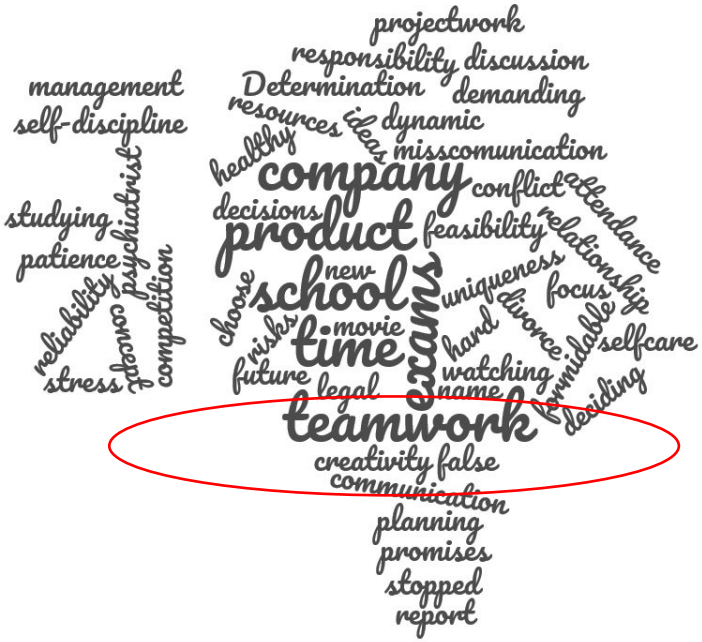
Some initial results on challenges



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Situational Judgement Tests

Situational judgement tests are a type of psychological aptitude test that assesses judgement required for solving problems in work-related situations.

Widely applied in medicine and staff recruitment.

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Contact information

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Teaching and Learning Services, Division of E-Learning and Didactics, A-1190 Wien, Austria

https://www.intrinsic.eu/intrinsic-newsletter-registration.html

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Facebook: https://www.facebook.com/INTRINSIC.EU
Linkedin Group - INTRINSIC: Empowering HE for INnovative educaTion foR sustaInable eNtrepreneurShip In Life sCiences
https://www.linkedin.com/groups/8719364/
Twitter: @INTRINSIC_EU

https://vimeo.com/396341075

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