

SNBI

Schweizerisches Netzwerk für Bildungsinnovation
Swiss Educational Innovation Network

eVET: Innovating vocational education and training

**Digital technology to support, enrich, intensify and extend
learning and teaching**

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www.snbi.ch/en



20 years e-learning innovation

Lead of **national innovation programs** with several hundred projects in K-12, VET, higher education and lifelong learning

VET consulting and research

- Vocational students in Albania
- Apprentices in Zimbabwe: Revision and mentoring with WhatsApp
- Health workers/midwives in Africa: Mentoring with Facebook and WhatsApp
- Teacher Development and Police Training: video-based reflection





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WEB 2.0 Landscape



FUTURE
EXPLORATION
NETWORK

www.futureexploration.net

Note: Each of these Web 2.0 applications has multiple functionality - for each service the primary positioning has been used

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Examples of evidence from ICT-supported VSD

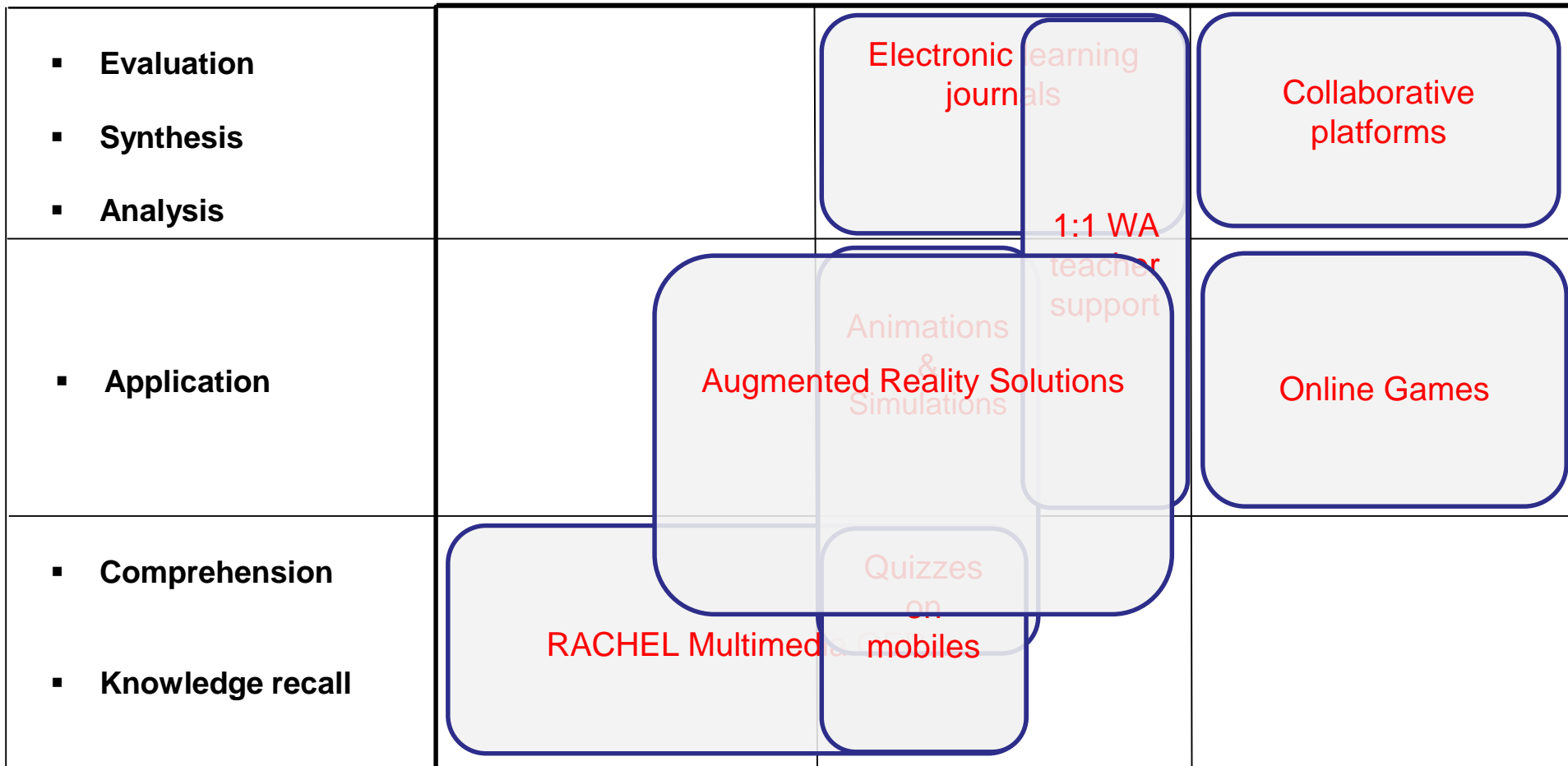
1. **Augmented reality:** improvements in the final test in an engineering subject (Cubillo et al., 2015/Spain)
2. **Computer-based game** with scaffolding and groupwork: «higher order thinking skills» in management (Yang, 2014/Taiwan)
3. **Web-based, problem-based learning:** Increased computing skills of low-achieving vocational students (Tsai 2013/Taiwan)
4. **Virtual kitchen:** better as workbook and as beneficial as real kitchen (Brooks et al. 2002/ UK)
5. **Web-based learning** with group work & instructors' feedback: improved learning outcomes (Inayat 2013/Pakistan)

But ...



- 1. Focused on needs**
- 2. Focused on learning goals**
- 3. Beneficiaries involved**
- 4. Different contexts respected**
- 5. Costed for sustainable use**
- 6. ...**

E-Learning landscape: Turning chaos into order

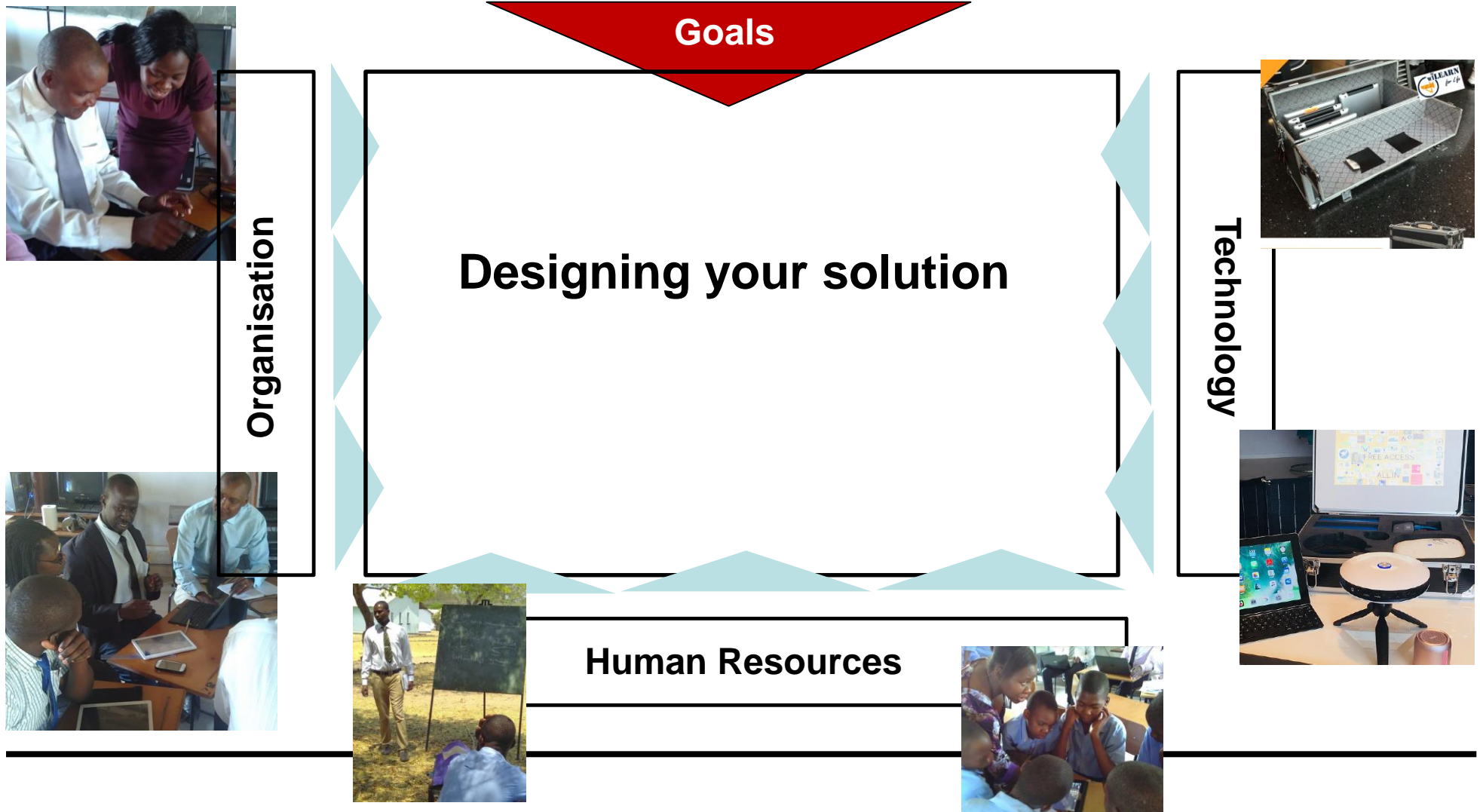


One-way Access

Interaction

Collaboration

Decision matrix:



eVET = Innovation

Plays a central role in **creating value** and sustaining **competitive advantage**»
(Bessant et al. 2005)

«new **products, materials, new processes, new services, and new organizational forms**» (Ettlie and Reza 1992)

Innovation is the **generation, acceptance and implementation** of new ideas, processes products or services” (Thompson 1965)

Let's start innovating together!



Two webinars: How to launch ICT innovation in education

1. Managing ICT initiatives

How to launch and support effective initiatives: costing, feasibility and project support for decision makers

2. Designing innovative ICT solutions

How to plan and implement sustainable solutions: design, context analysis, project management.



Contact

Feel free to contact us, if you have any questions.

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