



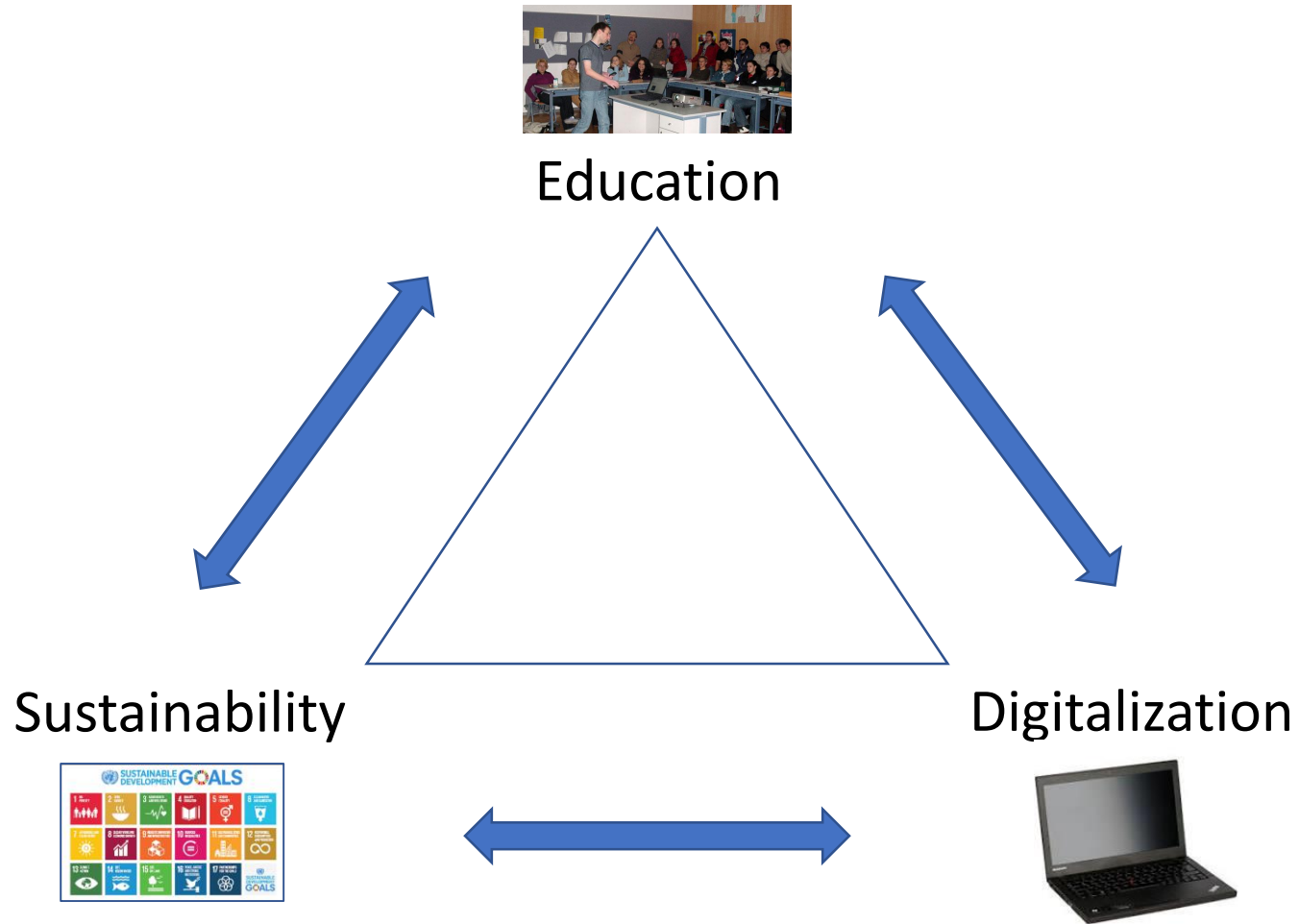
Sustainability in Education

Christian Kraler

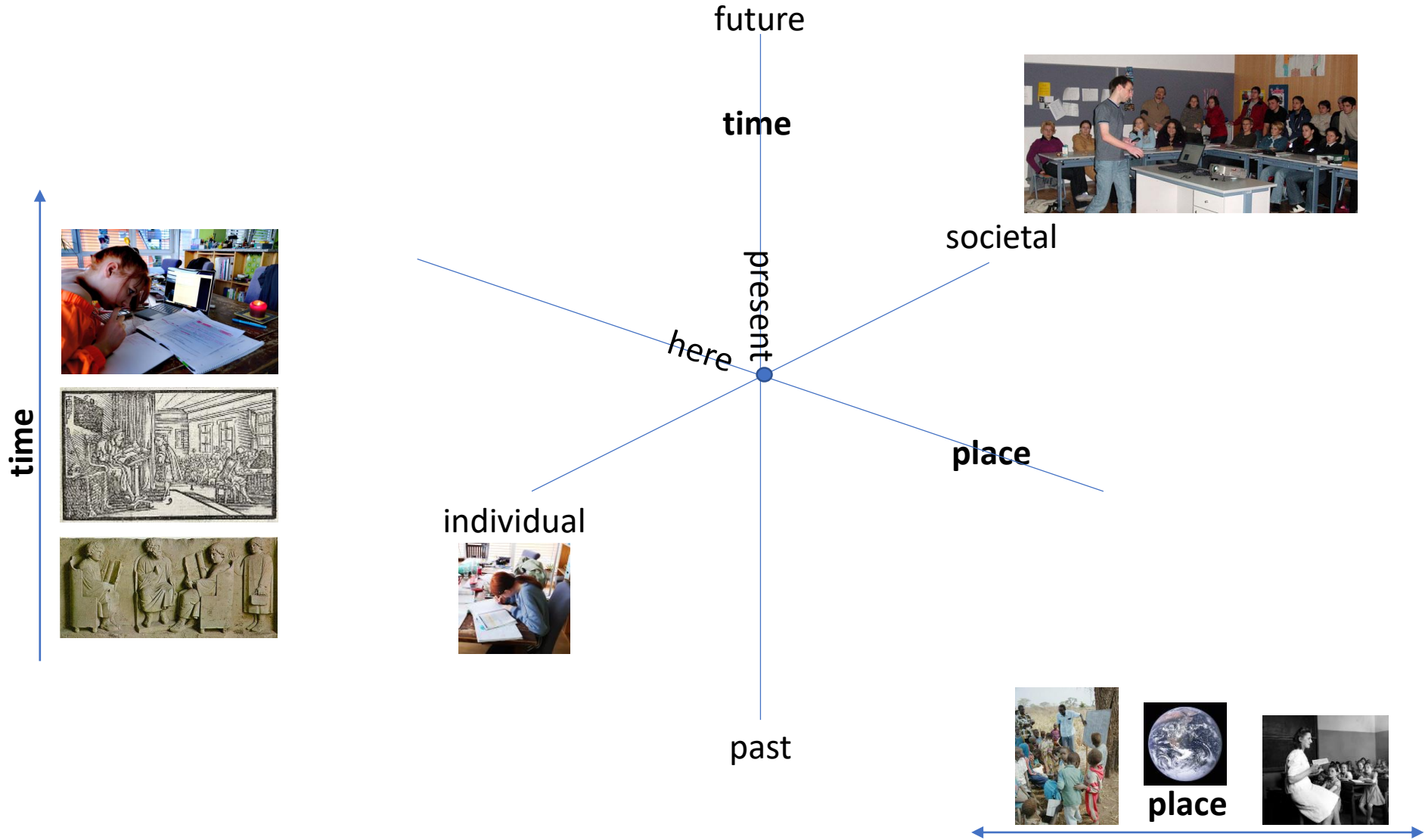
Department of Teacher Education and School Research

University of Innsbruck

Setting the scene ...

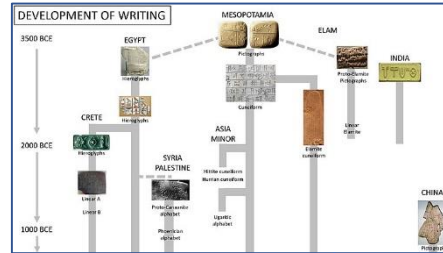


Education

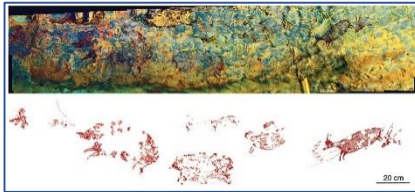


Digitalization

since 3500 b.c. cuneiform



42.000 b.c. Sulawesi



letterpress
Eastern Asia: 6.-12.Jh



1989-92 WWW



2021

spoken
word

painted
word

written
word (manuscript)
individual item

printed
word
mass product

.....physical.....

__ virtual __
space-time
invariant

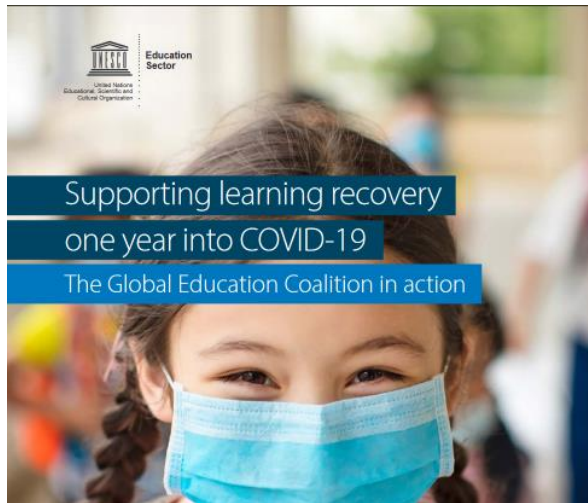
solid, multiple

volatile

solid, unique



- (formal) education had to become digital



Information in cyberspace

- invariance of time and place
- ubiquitously (virtual) availability of information
- digitalization of learning vs digital information

Curriculum, online and distance learning including television or radio

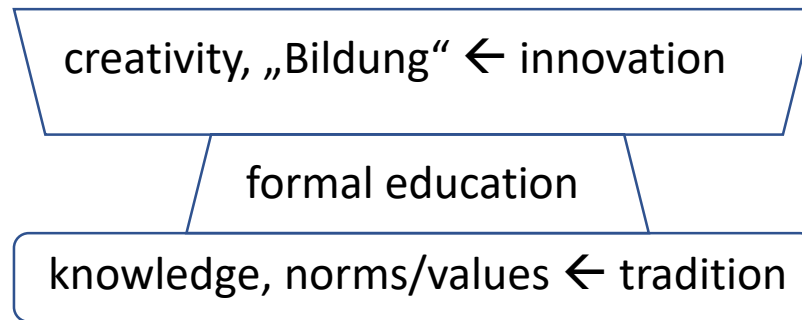
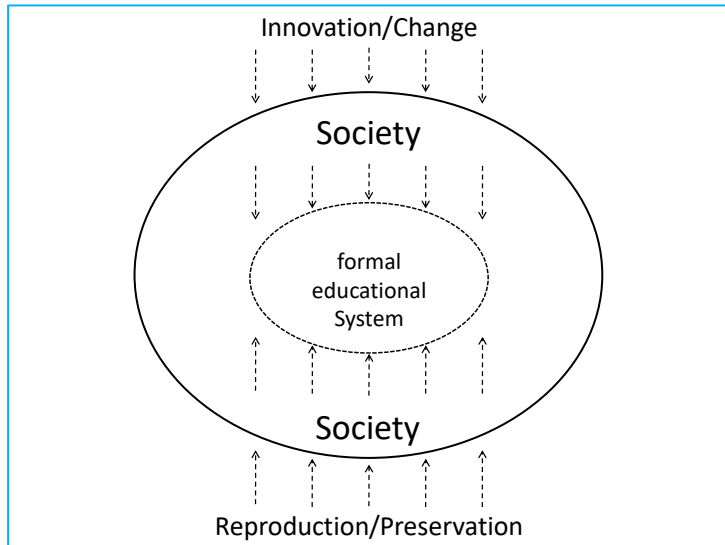
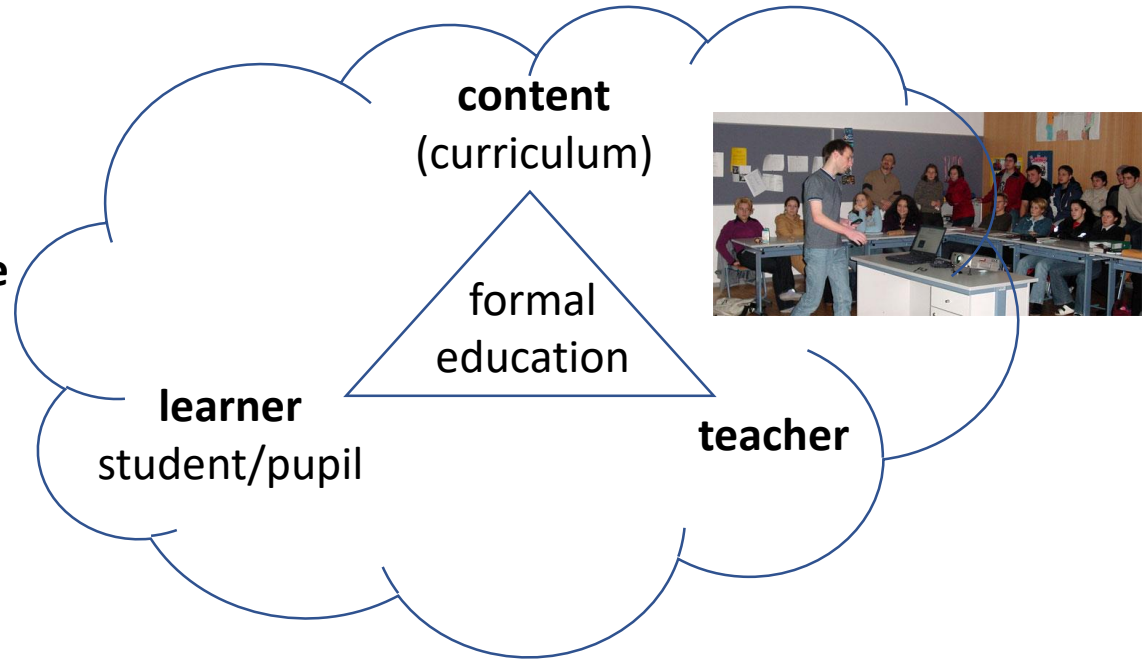
GEC actions in this area included:

- 1 Design and preparation of alternative education delivery systems, including mobilizing resources and support options from global Coalition partners and accelerating the deployment of gender-responsive distance learning approaches and girls' digital skills development to narrow the gender digital skills divide.
- 2 Gap analysis and assessment of curriculum and available digital resources.
- 3 Support for teaching and learning platform development.
- 4 Digitization of curriculum and educational resources, including production of additional education resources, TV and radio programmes, and textbooks.
- 5 Organization of assessment and high-stakes exams.
- 6 Coordinated and targeted advocacy to support continuity of learning during COVID-19 and return to school, in particular, in countries with the greatest gender disparities in education.

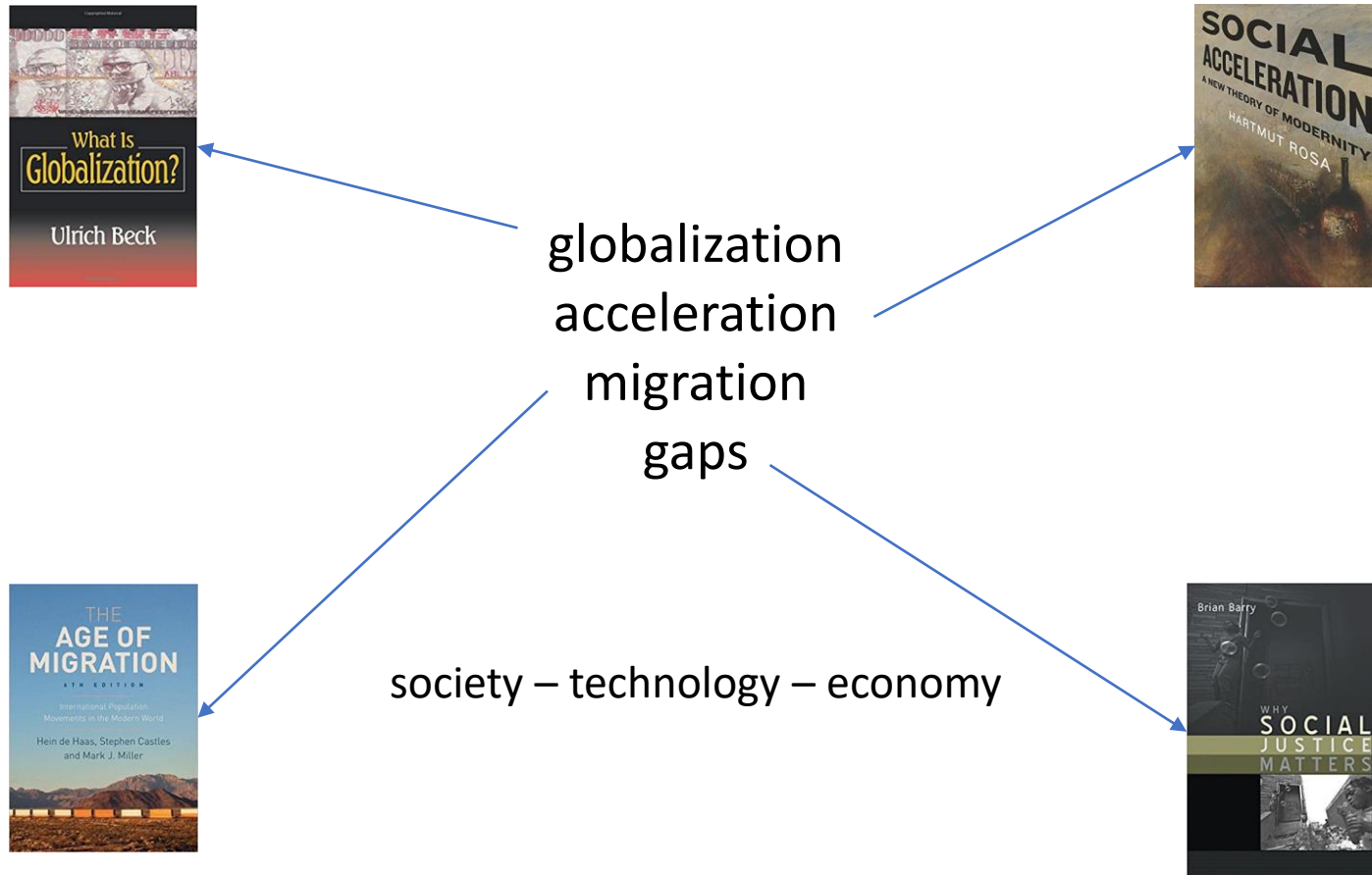
Education

formal Education

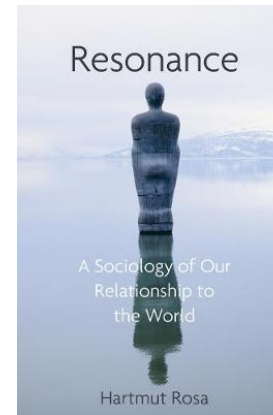
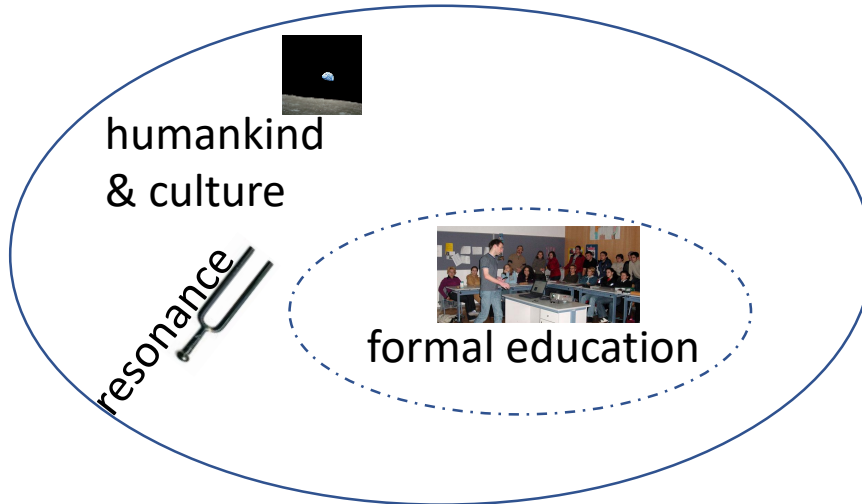
→ **didactic triangle**



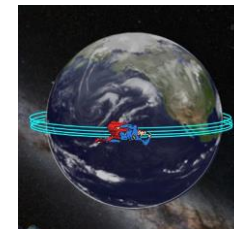
Global developments & education



➤ formal education wants to be sustainable by definition



➤ formal education resonates with societal developments



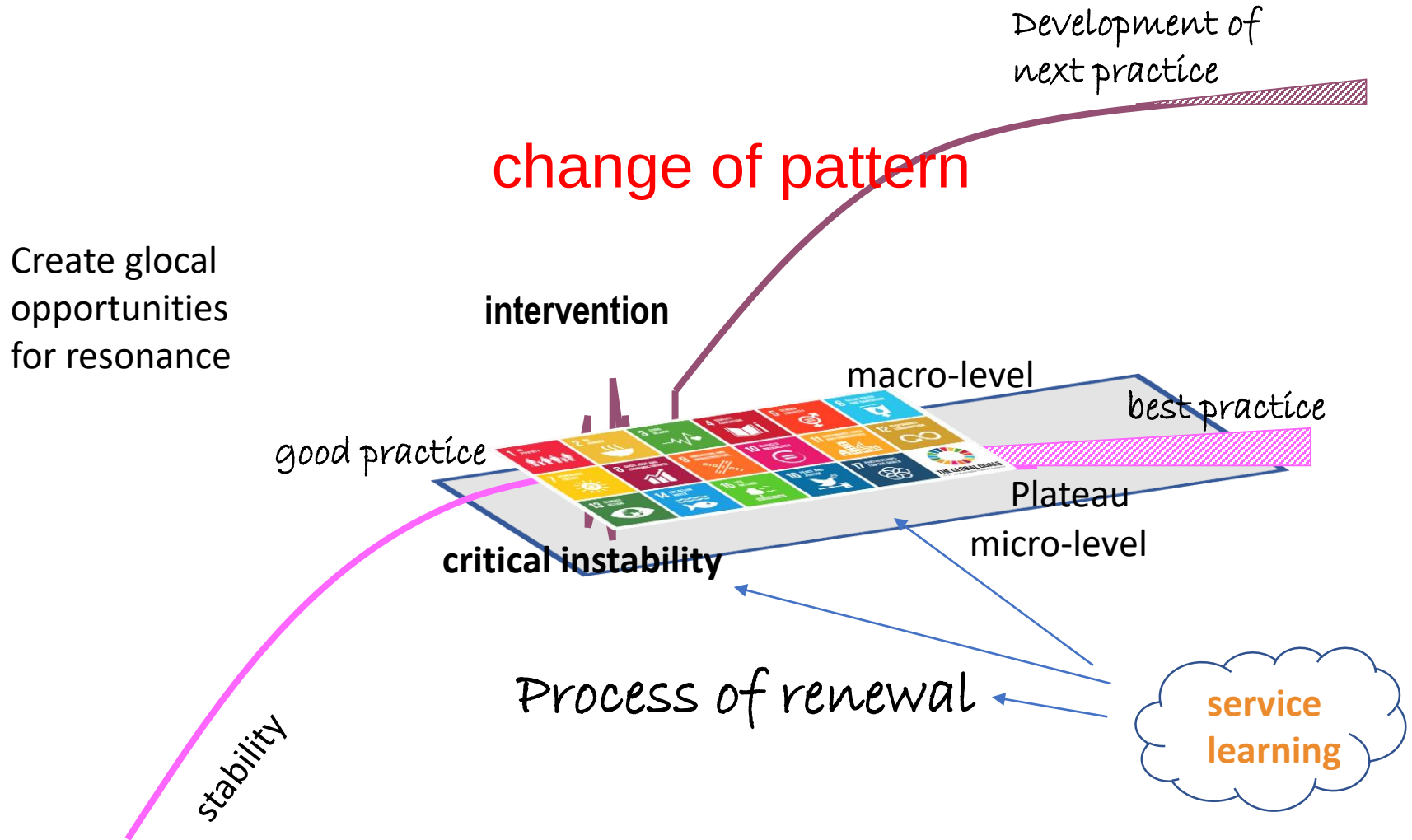
Education

- paradigmatic shift from teaching to learning ← *personalization*
- input driven -> outcome oriented strategies ← sustainability
- data based approaches (e.g. PISA) ← evidence

- high(er) degree of connectedness
- glocal perspectives
- self similar strategies



A shift from best practice to next practice

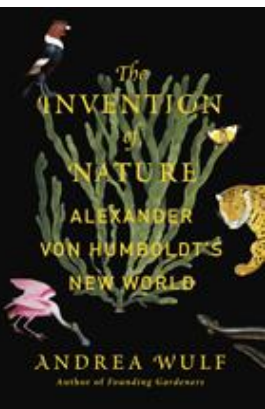




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