

QUALITY ASSURANCE on VOCATIONAL SCHOOL in INDONESIA

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Politeknik Caltex Riau

Curriculum Vitae



Name : Dr. Hendriko, S.T., M.Eng.

Education : S1 (Teknik Mesin, USU), S2 (UTM), S3 (UI & UC, France)

Acad. Rank : Associate Professor

Profesional Experiences : 1. Komisaris PT PCR Solustek (2019 – Now)
2. Asesor BANPT (2018 – Now)
3. Direktur PCR (2014 – 2018)
4. Wadir 2 (2008-2010) & Wadir 4 (2004-2006)

Research Interest : Manufacturing (Machining in Modelling 5 axis Milling),
Robotic (Kinematics of Robot)

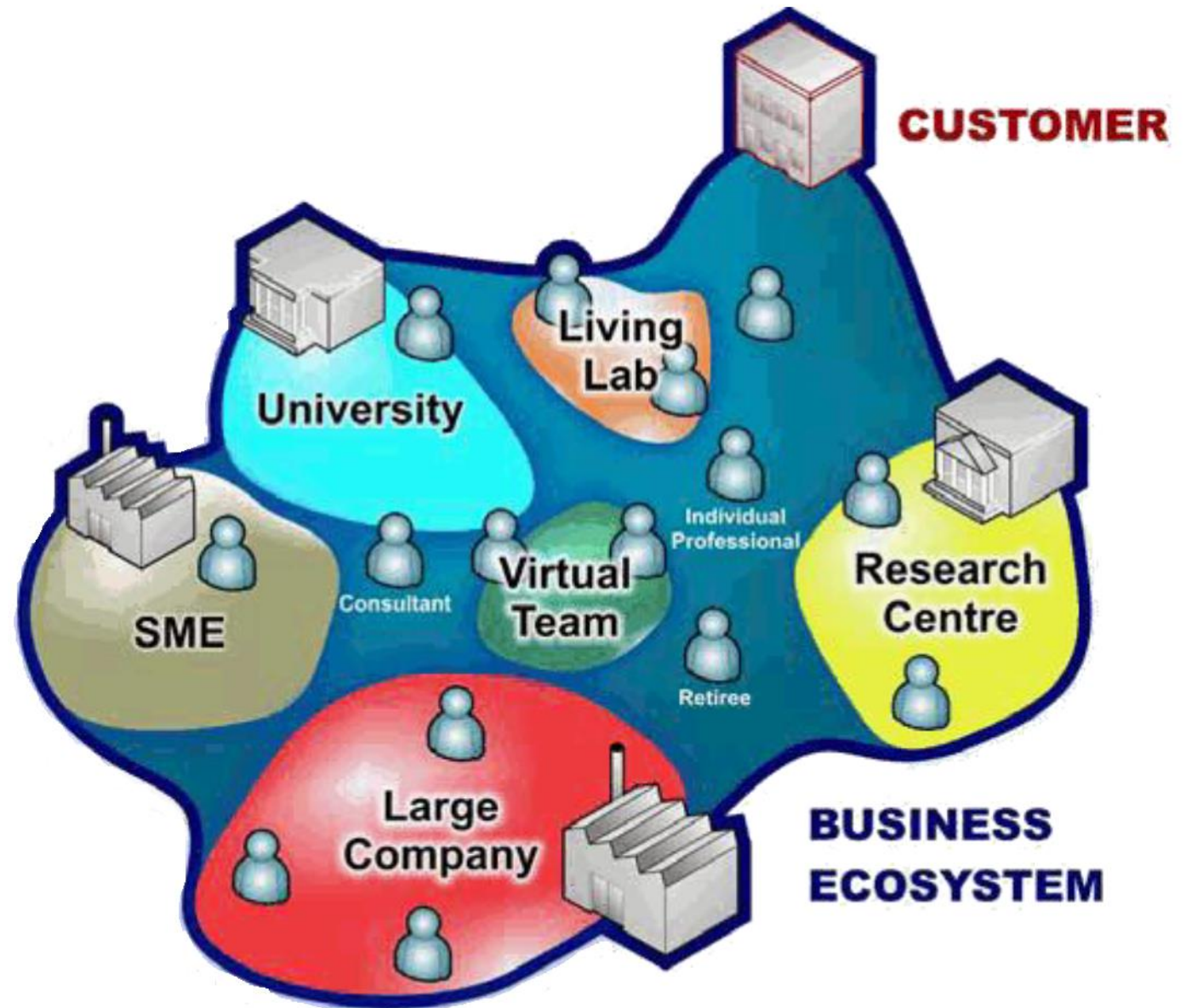
Research Grant : PTUPT (2021-2023) Penelitian Dasar (Kompetitif Nasional) 2019-2020 (Ketua) PDUPT (Desentralisasi) 2019 – 2021 (Ketua) Hibah Uber HKI 2019 (Ketua)

Key Issues

- ☐ Mutu dan relevansi lulusan
- ☐ Efektivitas proses
- ☐ Sistem penjaminan dan pengendalian kualitas



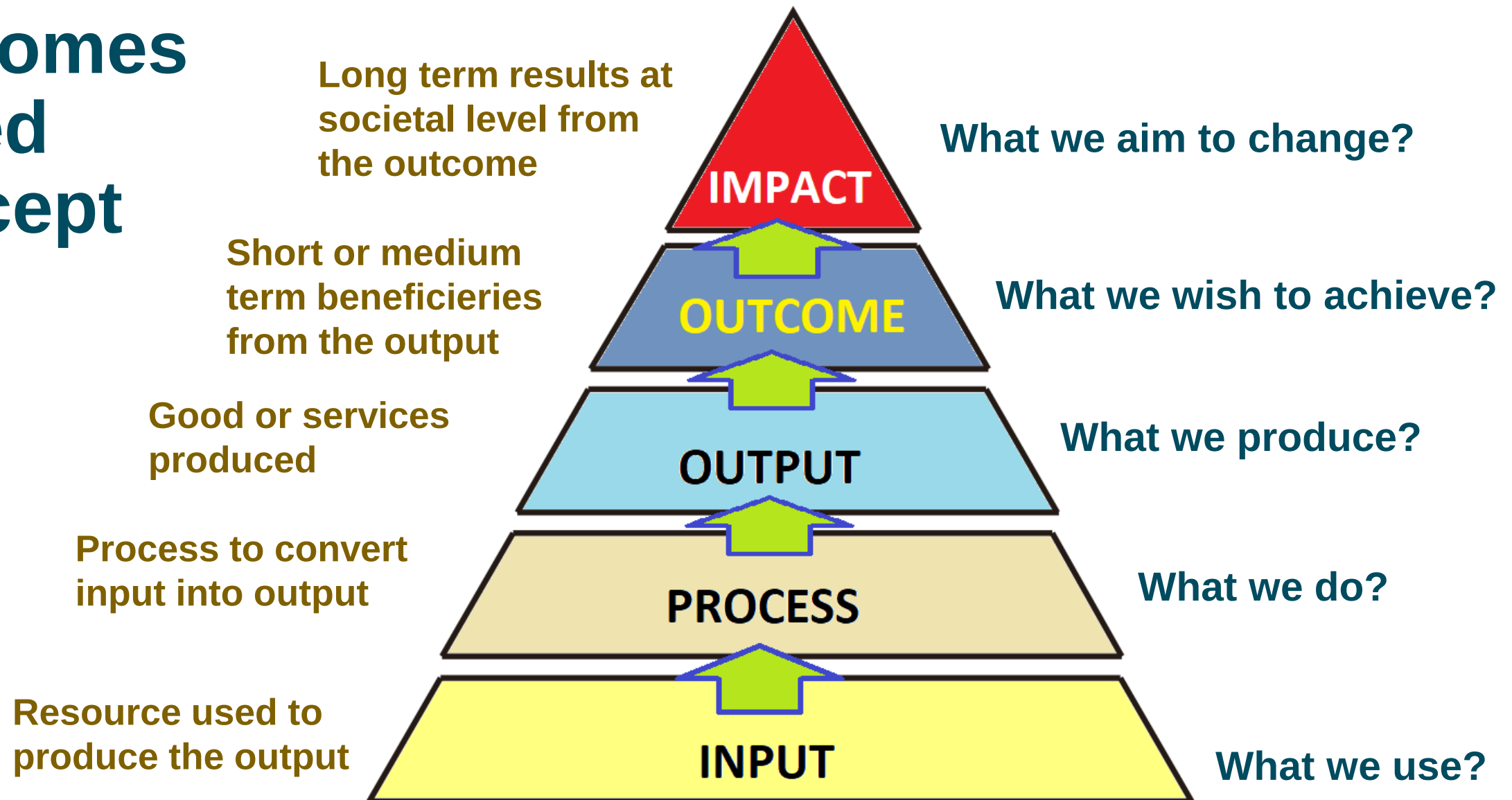
The Education Ecosystem

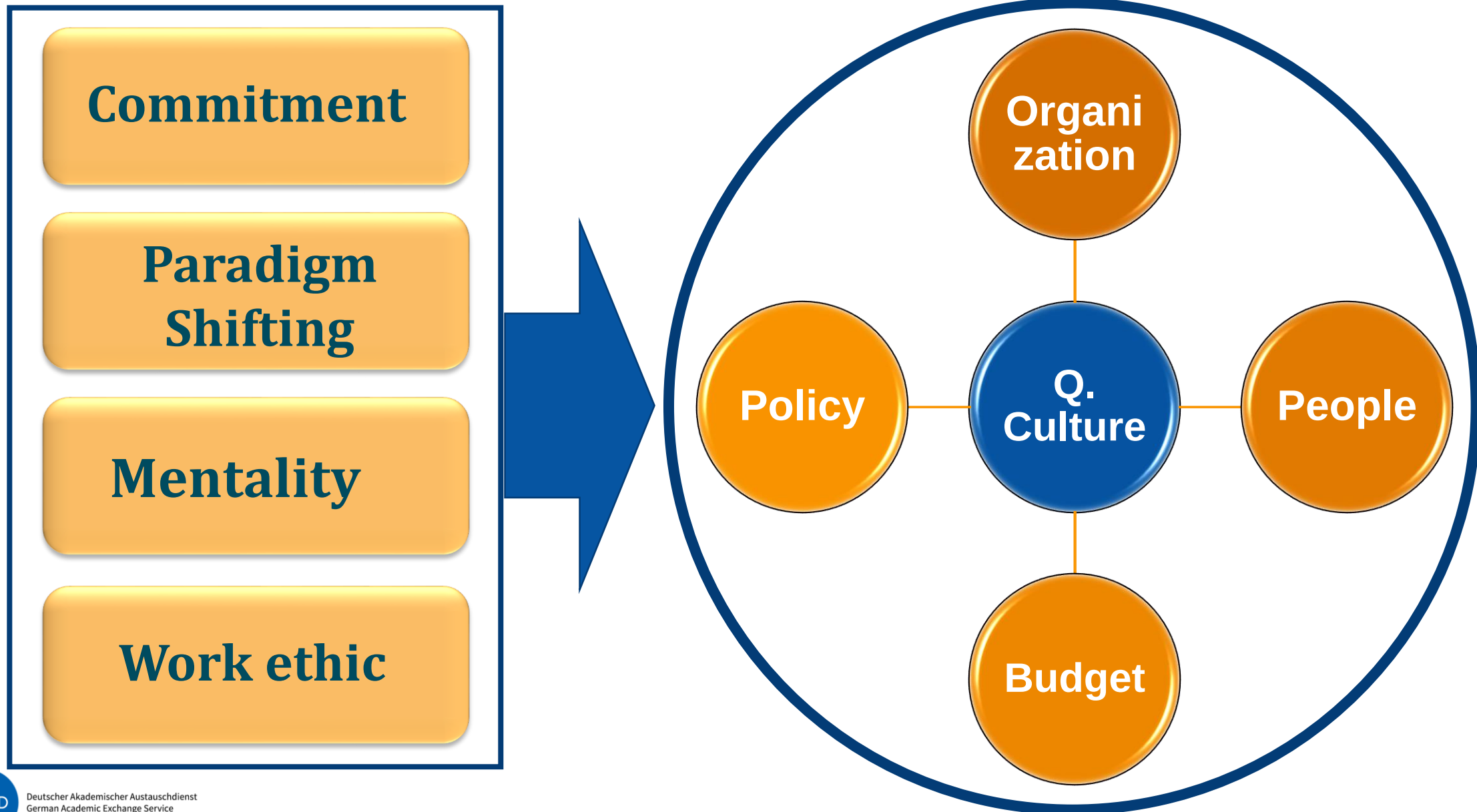


The Education Ecosystem

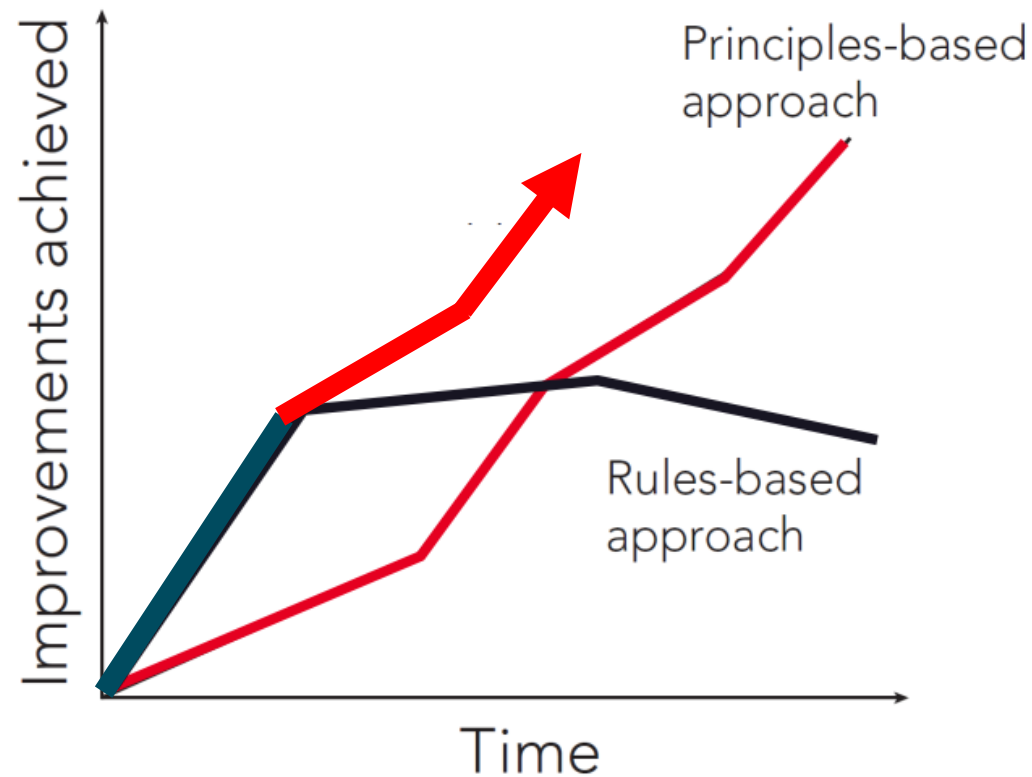
- ❑ Ecosystem can be used as an analogy for education
- ❑ Just like an ecosystem, **the education environment is dynamic**, change in one element creates change in the other elements and the overall environment
- ❑ As these elements in the education environment are intricately related, we need to consider them holistically instead of in isolation when making changes
- ❑ **The alignment of various elements** in the education ecosystem towards achieving the purpose of education is **crucial**

Outcomes Based Concept





2 Rates of quality improvement with principles-based versus rules-based approaches



Schematic representation of the slower onset but potentially more enduring gains in quality improvement arising from principles-based approaches, compared with the more rapid but plateauing (or even declining) gains from rules-based approaches.

New Policy: “Merdeka Belajar Kampus Merdeka”



**Inconsistency of
Competencies**

**Relevance of
Education**

- ❖ Lack of
Concept
Understanding
- ❖ Misconduct



- ❖ Curriculum Dev.
Guidance
- ❖ Rubric of
Assesment
- ❖ QA Document &
Implementation

Merdeka Belajar Kampus Merdeka



Thank you!