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Team Ruhr-University Bochum, GERMANY

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July 2016

Empowering Through Education

A Pluralistic Approach to an Innovative

Educational System



Structure



1. Introduction

- a. Definition
- b. Why is education important?

2. Model and analysis

- a. Criteria and inefficiencies
- b. A heuristic model of the current global educational system

3. A pluralistic approach

- a. Ideas for change
- b. Model for a pluralistic approach

4. Conclusion



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a. Definition



- Education: inclusive and sustainable understanding of knowledge and skills
- Educational system as a non-specific institution
- Pluralistic approach and discrete analytic framework based on literature review



b. Why is education important?





Source: Welch (2013)

"Education is the most powerful weapon which you can use to change the world."



b. Why is education important?



- Influence on human behaviour and thinking
- Crucial role of education for prosperity, sustainable development and economic growth



b. Why is education important?



- Influence on human behaviour and thinking
- Crucial role of education for prosperity, sustainable development and economic growth
- Education beats poverty, promotes gender equality and encourages environmental sustainability (United Nations: 2016)



b. Why is education important?



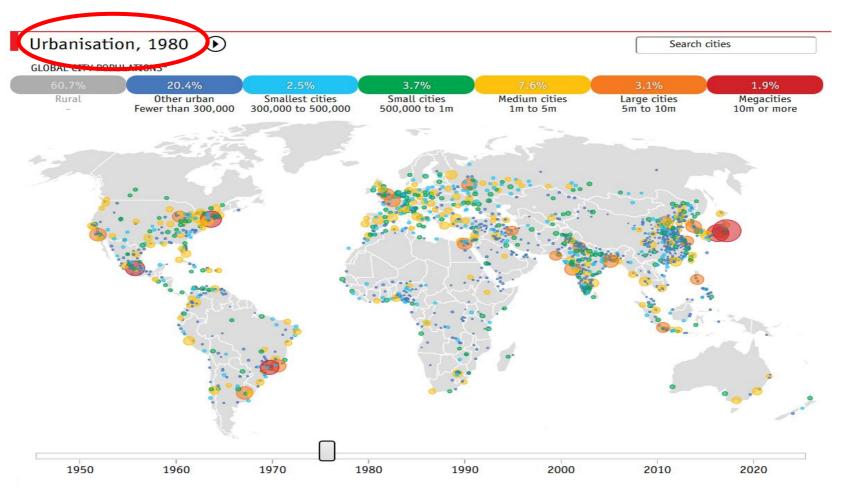
- More and more people are living in cities
- Young people lose connection to nature/ environment/ basis of life

⇒ New challenges for education



b. Why is education important?





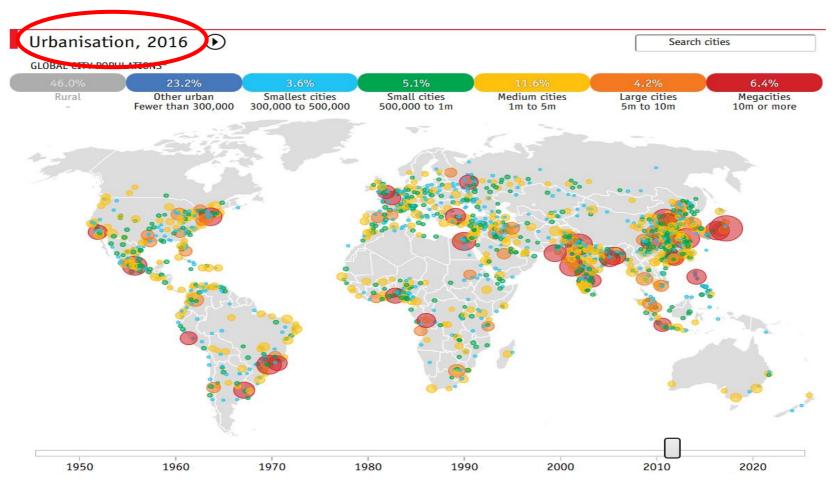
A PLURALISTIC APPROACH TO AN INNOVATIVE EDUCATIONAL SYSTEM

Source: The Economist (2015)



b. Why is education important?





Source: The Economist (2015)

> 2050: approx. 67% of the world's population will be urbanized

a. Criteria and inefficiencies





A PLURALISTIC APPROACH TO AN INNOVATIVE EDUCATIONAL SYSTEM

Source: Ottawa-Caleton District School Board (2011)

a. Criteria and inefficiencies



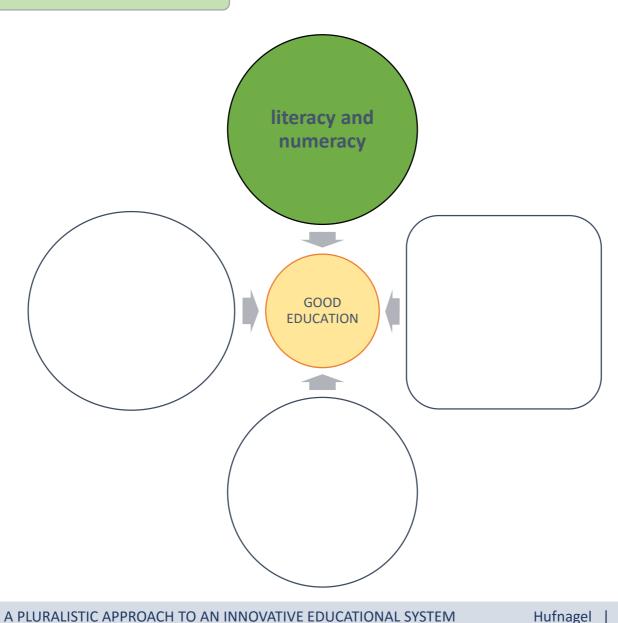


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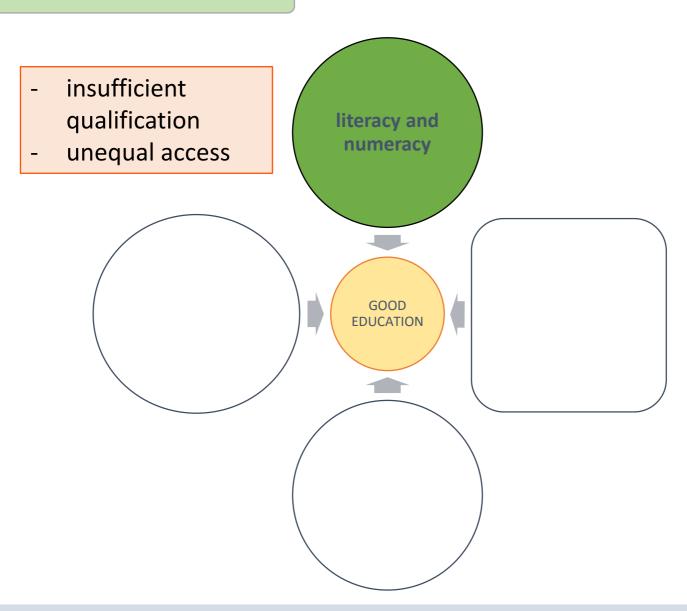






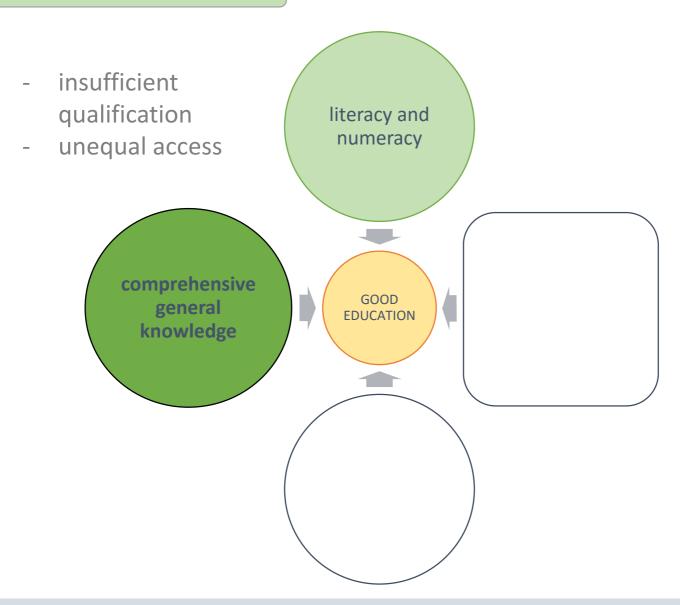














a. Criteria and inefficiencies



insufficient qualification

unequal access

literacy and numeracy

schooling methods & contents comprehensive GOOD general **EDUCATION** knowledge



a. Criteria and inefficiencies





unequal access

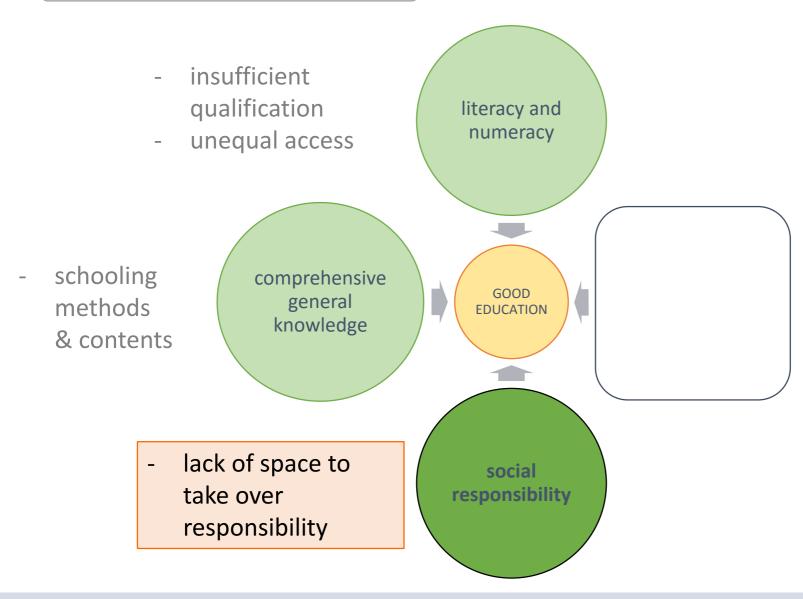
literacy and

schooling methods & contents

numeracy comprehensive GOOD general **EDUCATION** knowledge social responsibility

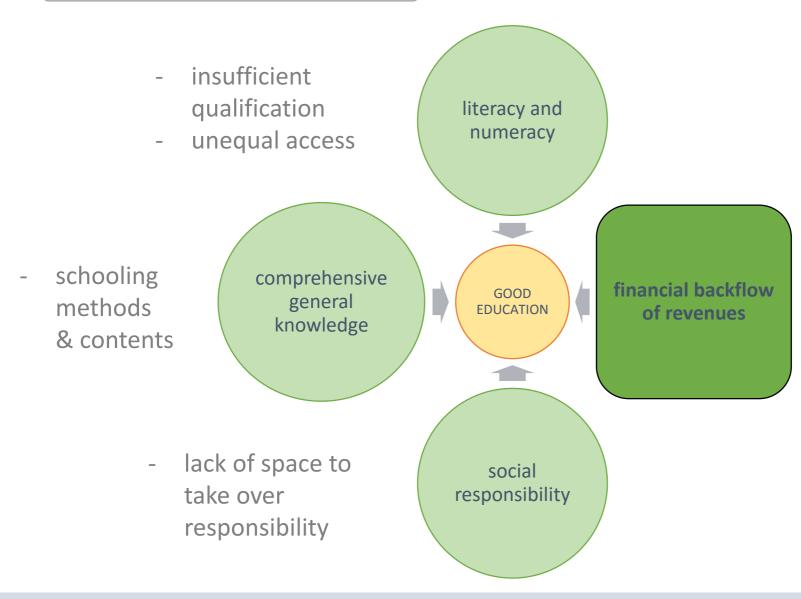








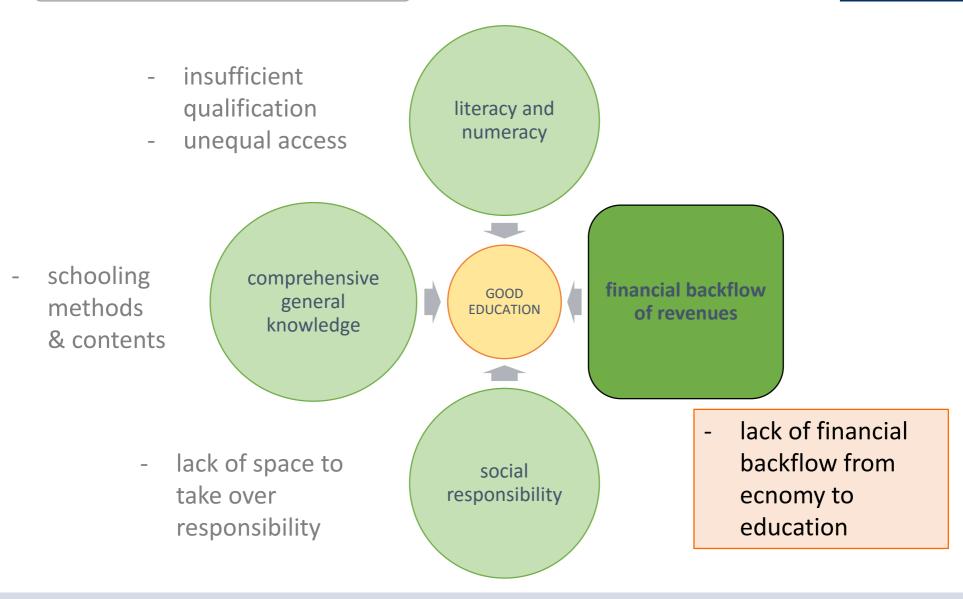






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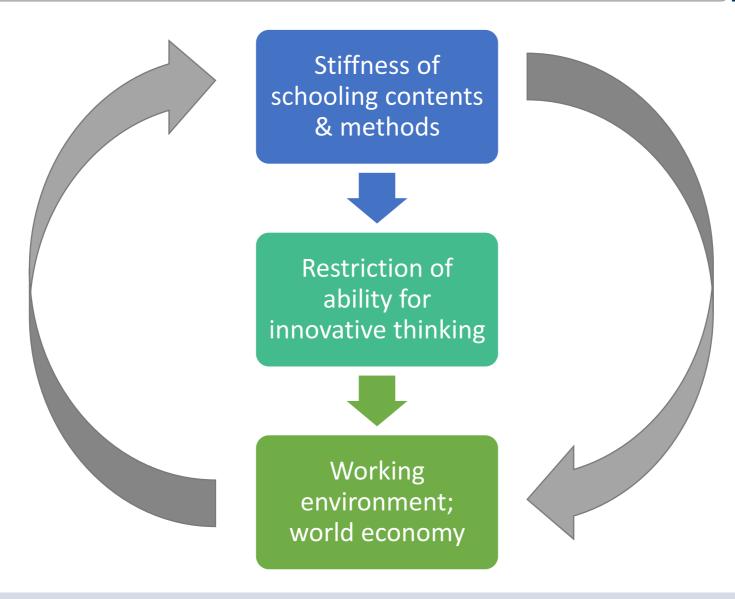






b. A heuristic model of the current global educational system

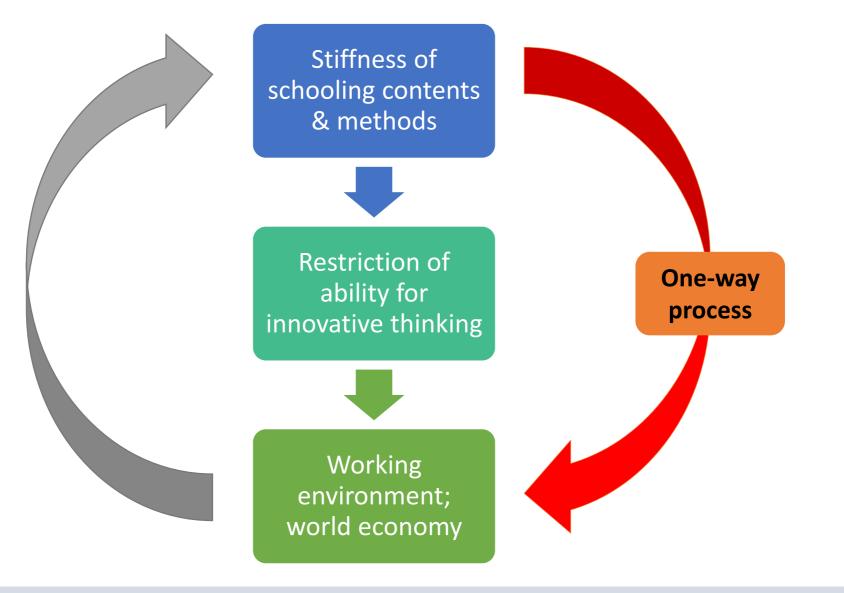






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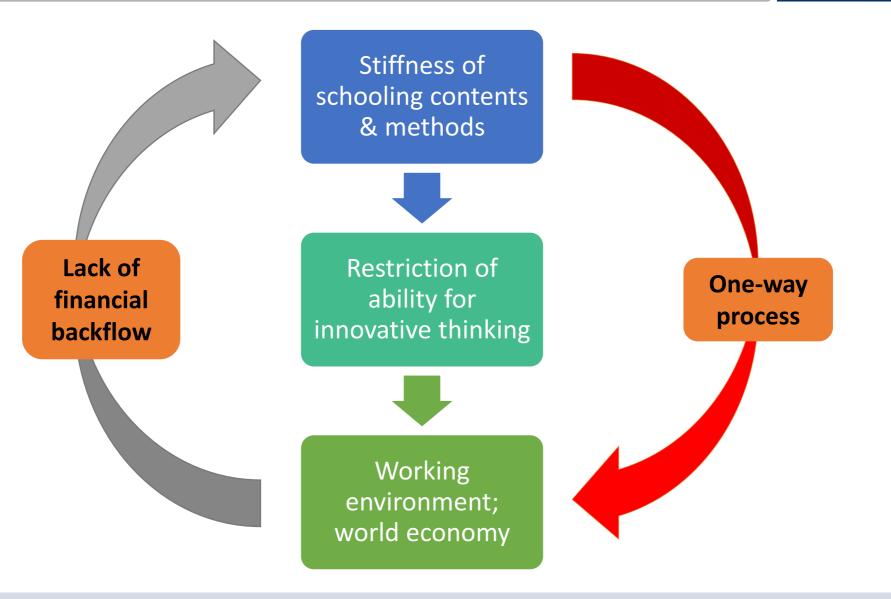




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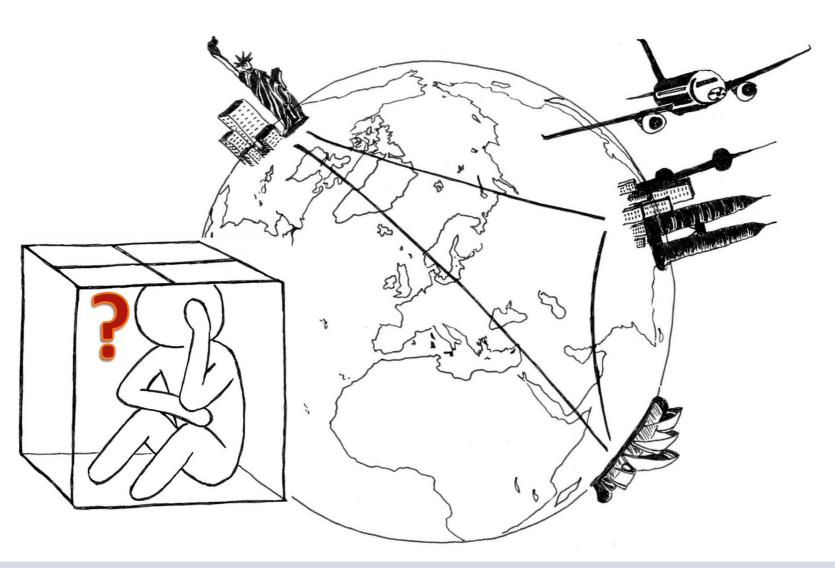




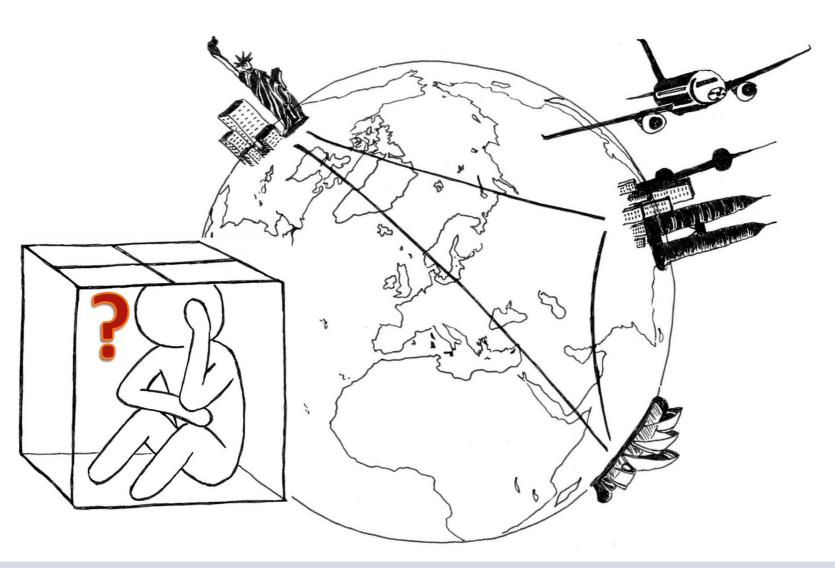
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b. A heuristic model of the current global educational system











a. Ideas for change



CRITERIA	INEFFICIENCY	POSSIBLE MEASURES
literacy and numeracy	equal access	 use modernization to reach remote areas better access to urban schools (infrastructure, technologies)



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finance	lack of financial backflow from economy to education	 well educated employees facilitate economic growth more revenues must flow back to education



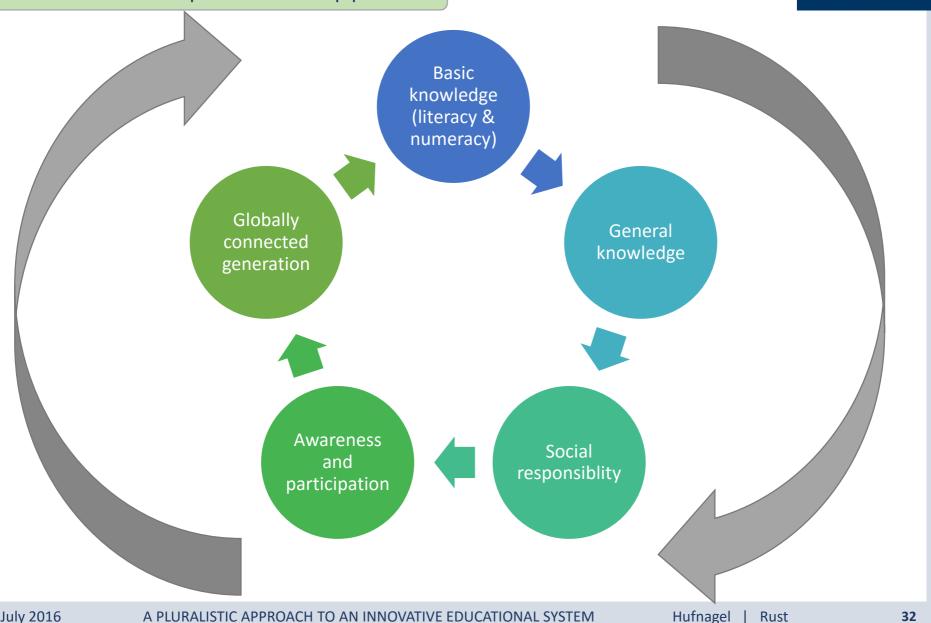


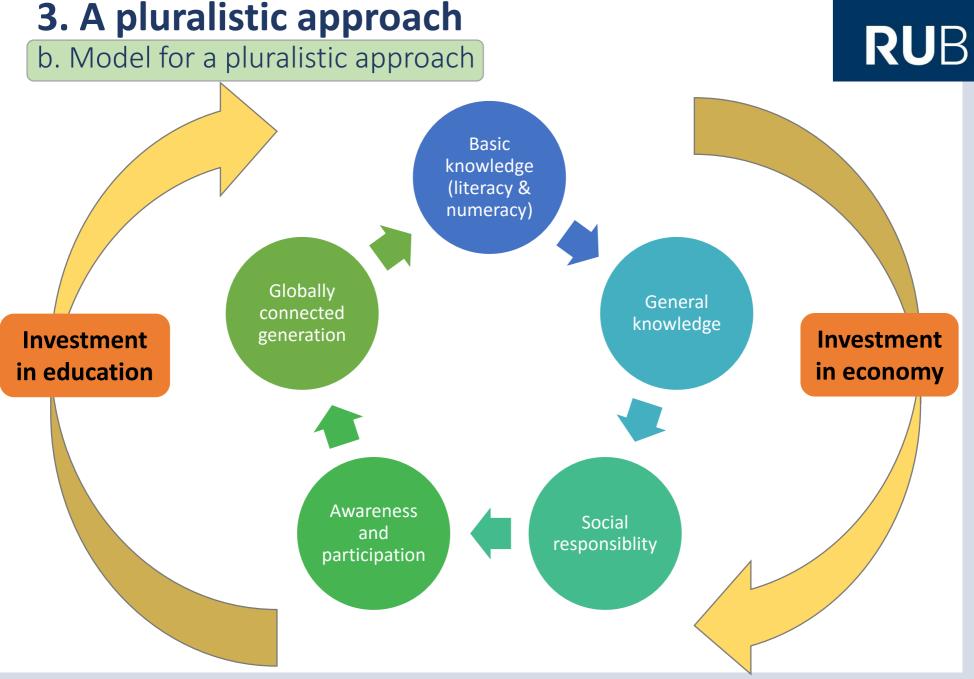
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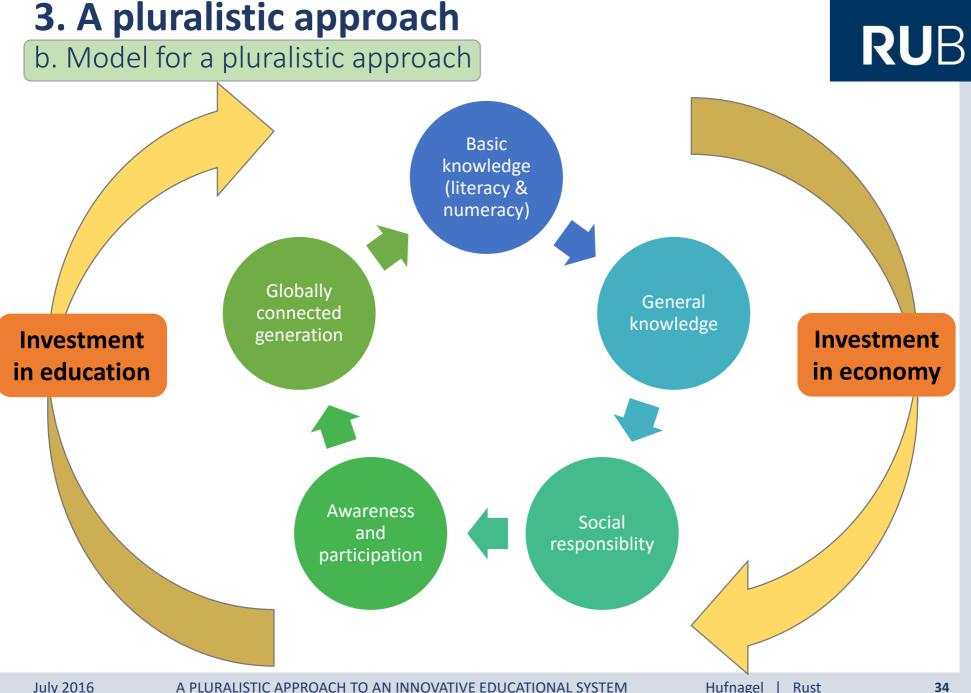
b. Model for a pluralistic approach







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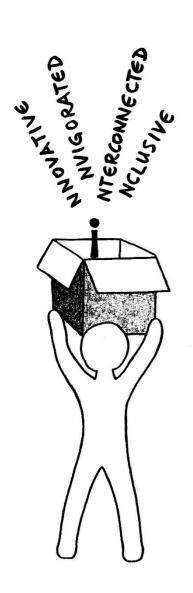




INTERCONNECTED . · MHOVATIVE awareness & participation







Innovative thoughts

Discrete thinking as the most precious good of human beings

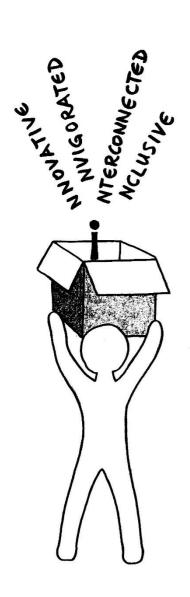
Invigorated persons

A PLURALISTIC APPROACH TO AN INNOVATIVE EDUCATIONAL SYSTEM

Creative, open-minded and see what the world's future could need







Interconnected society

Not just technology as connection, also having knowledge of other disciplines

Inclusive behaviour

A PLURALISTIC APPROACH TO AN INNOVATIVE EDUCATIONAL SYSTEM

Consciousness of the world's ecological ressources and bear this responsibility





PLURALISTIC APPROACH

Criteria:

- literacy & numeracy
- general knowledge
- social responsibility
- financial backflow

EMPOWERING THROUGH EDUCATION

- modern technologies
- reintroduce closeness to nature
- deregulation
- thinking outside the box
- responsibility of economy for education

A PLURALISTIC APPROACH TO AN INNOVATIVE EDUCATIONAL SYSTEM

SUSTAINABLE DEVELOPMENT

- innovative thoughts
- invigorated persons
- interconnected society
- inclusive behaviour





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Many thanks for your

attention!

谢谢!

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