

# Sustainability Value of Higher Education Institutions

Concept presentation

27. Techno-Ökonomie Kolloquium  
02/07/2020

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## Agenda

1. Initial Situation
2. Relevance and Research Interest
3. Research Questions, Objectives and Methods
4. Research Outline
5. Conclusion & Outlook

References

# Initial Situation



<https://sustainabledevelopment.un.org/post2015/transformingourworld>  
<https://www.un.org/sustainabledevelopment/news/communications-material>

# Relevance and Research Interest

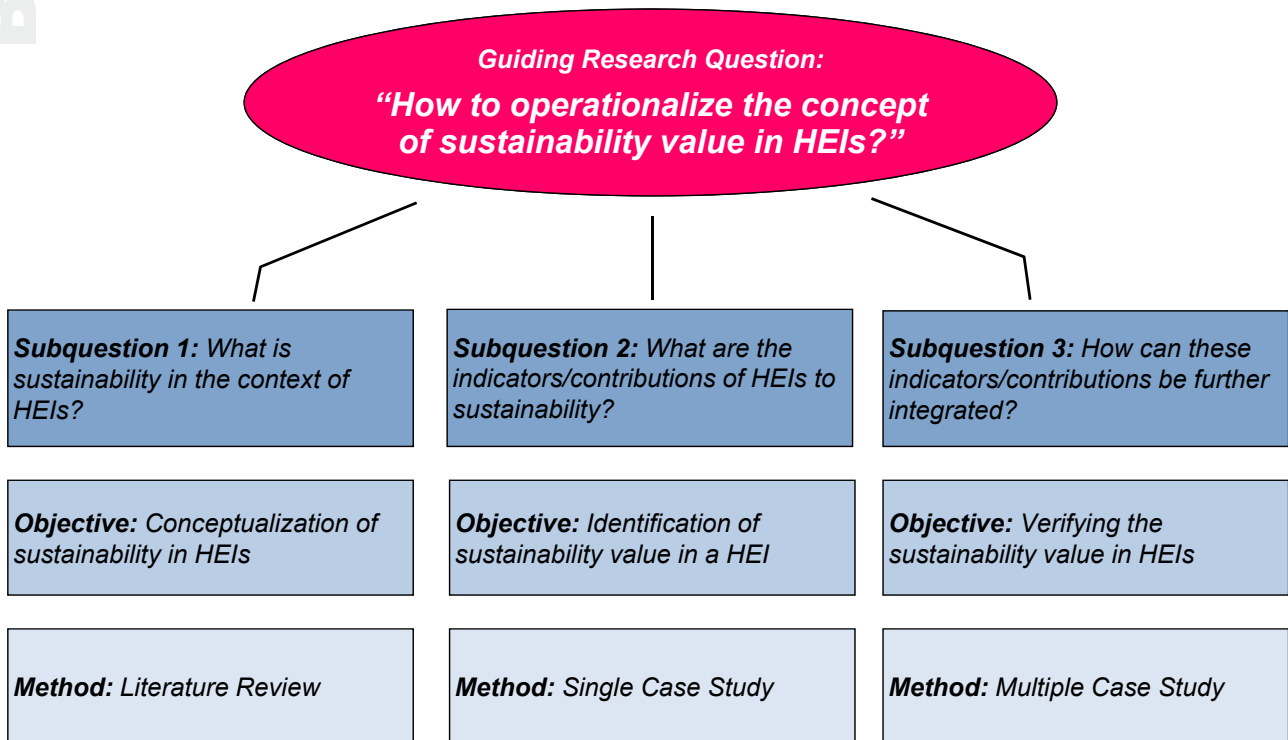
Relevance
<ul style="list-style-type: none"> <li>• Gap in data collection, need for higher quality of information regarding the measurement progress</li> <li>• Role of public institutions</li> <li>• Higher Education Institutions (HEIs) critical role regarding sustainability and its development</li> </ul>

Research Interest
<ul style="list-style-type: none"> <li>• Missing integrated overview of the sustainability in HEIs</li> <li>• Lack of consistency in the interpretation and the assessment of the sustainability value in HEIs</li> <li>• Sustainability value; integration of HEIs contributions to sustainability, sustainability indicators</li> </ul>

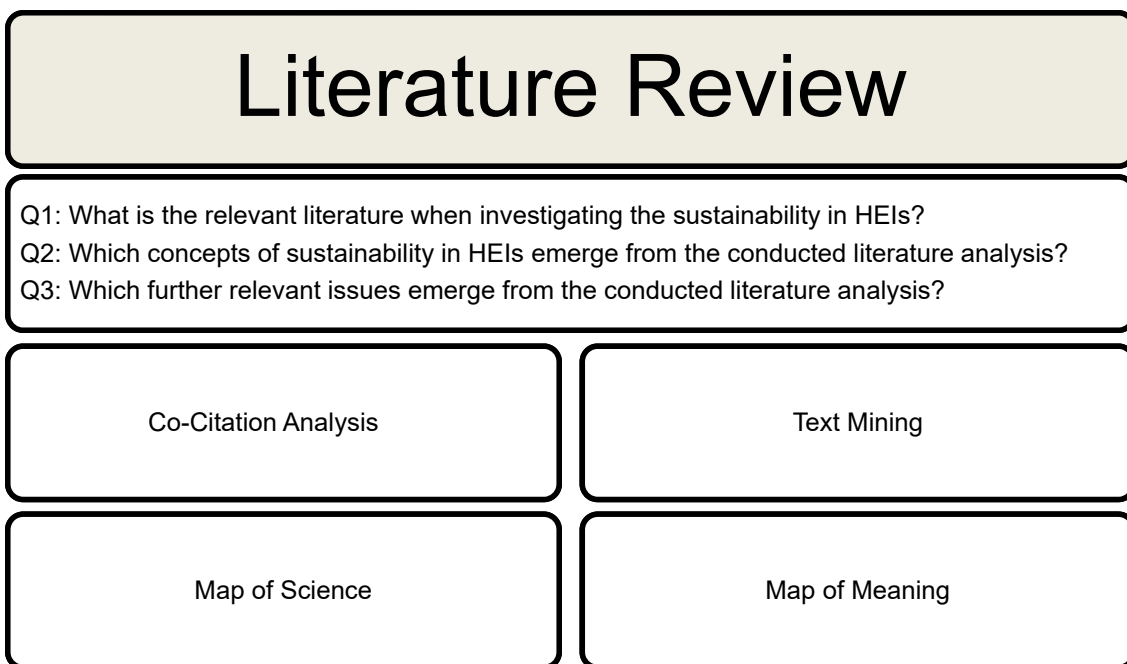
***HEIs with their core activities have a significant economic, environmental and societal impact and face "higher responsibility for implementing" sustainability.***

Findler, F./Schönherr, N./Lozano, R./Stacherl, B. (2018); Berzosa, A./Bernaldo, M.O./Fernandez-Sanchez, G. (2017); Greiling, D./Traxler, A. A./Stötzer, S. (2015); Hoover, E./Harder, M.K. (2015); Fischer, D./Jenssen, S./Tapesser, V. (2015); Dumay, J./Guthrie, J./Farneti, F. (2010); Wilson J./Tyedmers P./Pelot R. (2007); Lozano, R. (2006); Velasquez, L./Munigua, N./Sanchez, M. (2005)  
<https://sustainabledevelopment.un.org/post2015/transformingourworld>

# Research Questions, Objectives and Methods



# Research Outline (1/3)



## Research Outline (2/3)

# Single Case Study

- Q1: What are the relevant contributions of TU Graz to sustainability?  
 Q2: How are these contributions perceived by TU Graz stakeholders?  
 Q3: Which further relevant issues emerge from the conducted single case study analysis?

Case Study/Data Sourcing

Case Study/Survey

Sustainability Value  
 (Sustainability Indicators/Contributions)

Perception Study – Stakeholder Approach

*Ramisio, P. J./Costa Pinto, L. M./Gouveia, N./Costa, H./Arezes, D. (2019); Sassen, R./Azizi, L. (2018) Awuzie, B. O./Emuze, F. A. (2017); Gomez, F. U./ Sáez-Navarrete, C./Lioi, S. R./Marzuca, V. I. (2015); Sassen et al. (2014); Lopatta, K./Jaeschke, R. (2014); Hesselbarth, C./Schaltegger, S. (2014); Sayed, A./Kamal, Md./Asmuss, M. (2013); Lozano, R. (2011); Fonseca et al. (2011)*  
<https://www.globalreporting.org/>

## Research Outline (3/3)

# Multiple Case Study

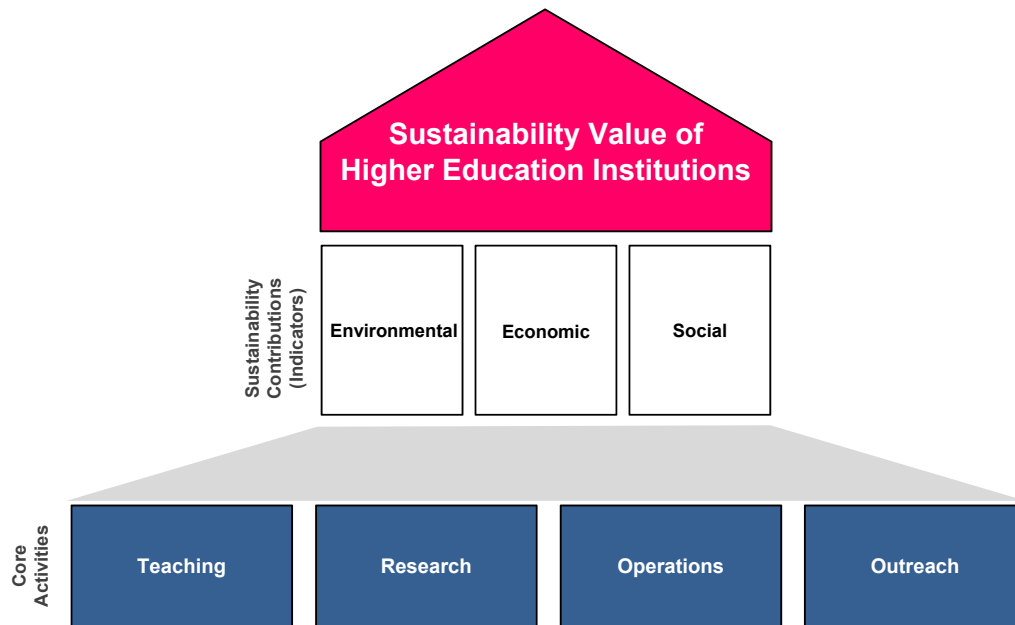
- Q1: What are the relevant contributions of Austrian Universities to sustainability?  
 Q2: What are the differences/similarities with the TU Graz?  
 Q3: Which further relevant issues emerge from the conducted multiple case study analysis?

Case Study/Verifying

Comprised Sustainability Value

*Niedlich, S./Kummer, B./Bauer, M./Rieckmann, M./Bormann, I.; Ramisio, P. J./Costa Pinto, L. M./Gouveia, N./Costa, H./Arezes, D. (2019); O'Brien, W./Sarkis (2014); Holmberg et al. (2014); Muhar et al. (2013); Jabbour et al. (2013); Velazquez et al. (2000).*

# Conclusion & Outlook



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# Questions & Answers

Constructive suggestions are very welcome.

Thank you!

