Universität Bayreuth
Professuren Wirtschaftsinformatik
Prof. Dr. Eymann,
Prof. Dr. Röglinger,
Prof. Dr. Strüker

Ansprechpartner	Telefon	E-Mail
Julia Amend	+49 172 3431221	Julia.amend@fim-rc.de

Master Thesis

Preaching water and drinking wine?

Development and evaluation of a blockchain-based solution to increase political actions' transparency

Actions and decisions of politicians are hardly traceable and transparent for citizens. There is an immense knowledge gap regarding the election promises made and the political actions performed. This circumstance may be considered from two perspectives: On the one hand, currently, citizens cannot be sure whether politicians consistently fulfill their promises. On the other hand, due to missing transparency, politicians are hardly incentivized to act in a consistent manner, as they do not need to fulfill any targets fixed in an agreement like it is common practice for managers in enterprises. One possible solution to this problem of potential non-consistent behavior may be blockchain technology, as it is considered to improve transparency and enable the auditability of actions.

Therefore, this thesis aims to consider blockchain-based solutions for the aforementioned problem to think forward towards a new way of participation and transparency in democracies. The thesis can be guided by the Design Science Research paradigm to determine the problem and motivation, to identify the solutions' requirements as well as to develop and evaluate a protype. The exact scope of the thesis can be further discussed with the supervisor.

Empfohlene Einstiegsliteratur:

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- Srimai, S. (2015). Performance agreement in Thai public sectors: A call for reconsideration at the provincial level. *International Journal of Productivity and Performance Management*, 64(5), 625-639.
- Amend, J., Kaiser, J., Uhlig, L., Urbach, N., Völter, F. (forthcoming). What Do We Really Need? A Systematic Literature Review of the Requirements for Blockchain-based E-government Services. *Internationale Tagung Wirtschaftsinformatik 2021*.

Betreuer: Julia Amend, M.A.