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Sustainability-Aware Software Architecting for the Future Cloud: the SustainableCloud project



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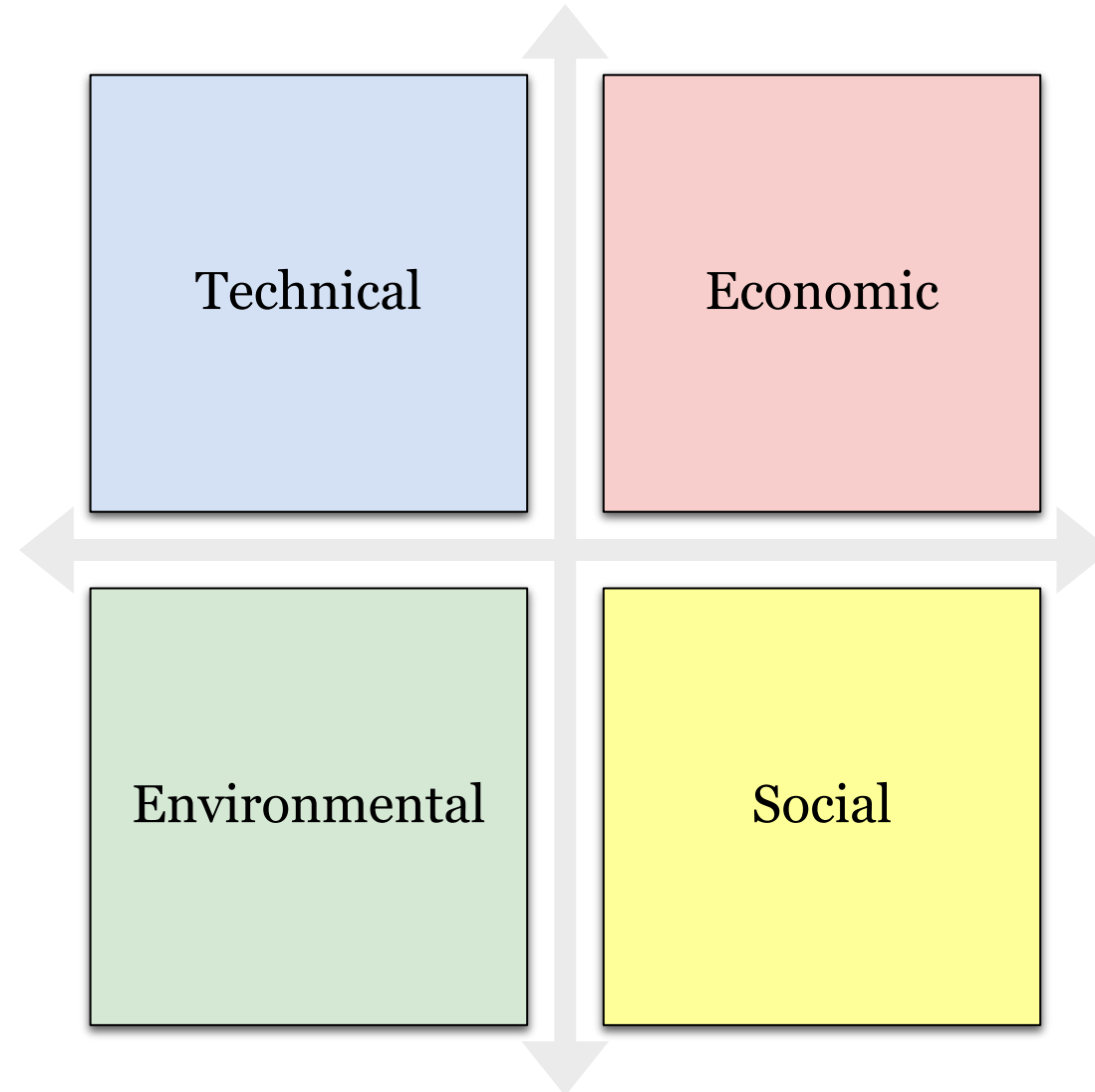
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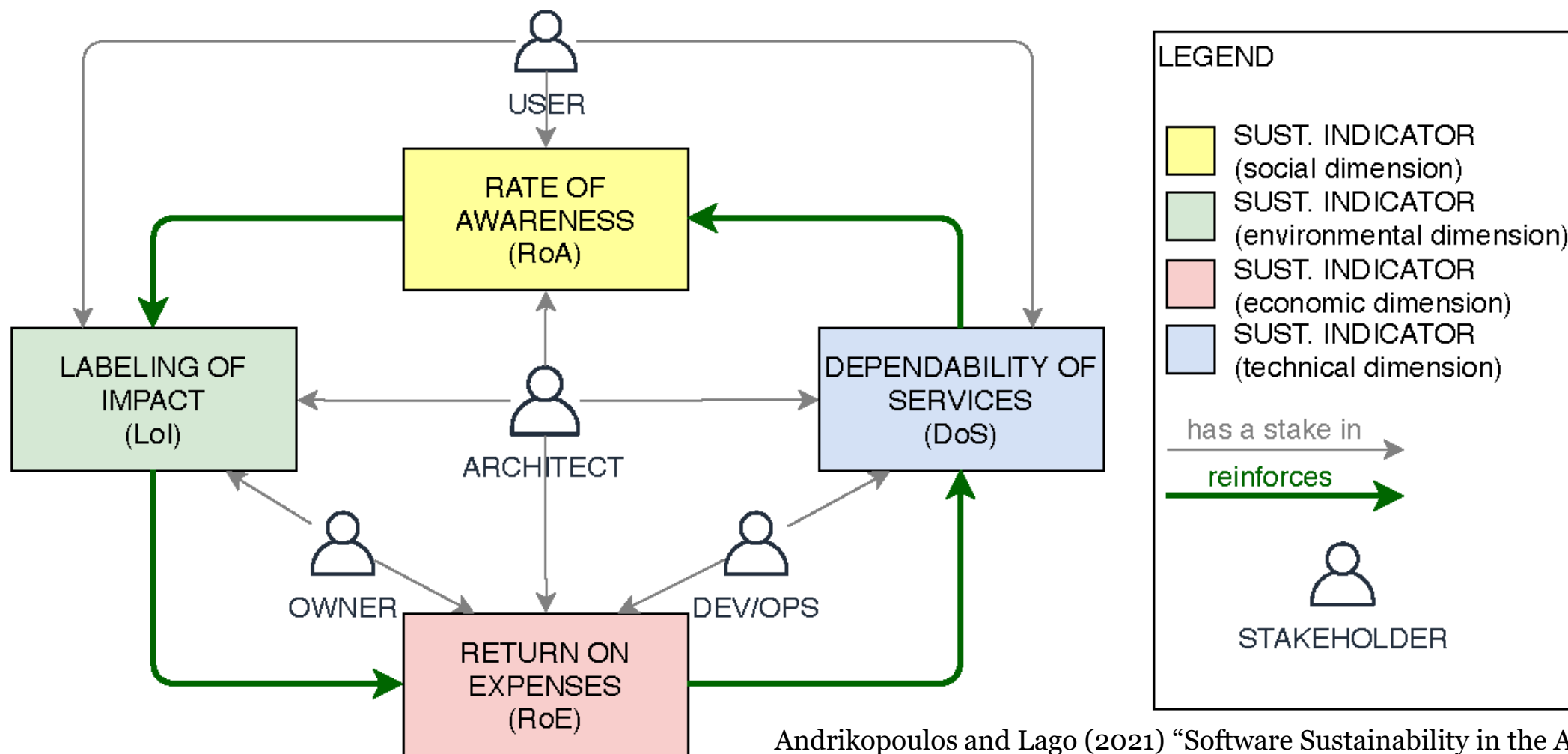
<https://vandriko.github.io/>

Background

- › Sustainability as a multidimensional concern [Lago et al. 2015]
- › Project scope: SaaS providers



The SAAFramework in a nutshell



Andrikopoulos and Lago (2021) "Software Sustainability in the Age of Everything as a Service" (LNTCS, volume 12521), Springer

Main propositions

1. To use SAAF to create ***self-sustaining systems*** that deliver sustainability ***across all dimensions***
2. Achieve this by ***indicators*** being a positive feedback loop
3. Adopt different research methods to collect evidence on the above