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A Bundled Approach to Explaining Technological Change: The Case of E-Estonia

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Abstract: Explaining change is an abstract endeavor. Many management scholars have adopted metaphors to explain change. In this paper, we deal with the drivers of technological change. We use a historical and theoretical approach to review and elaborate on the concepts and context about a specific case. We discuss the limitations of each approach proffered and the implications as a consequence on technological change. We present plurality and multiplicity of perspectives using a sociotechnical approach to explain technological change contextually on an organizational level. We show by using our model how technology absorption and diffusion can be accelerated through artefactual institutions to enable social change. The multiplicity of perspectives and plurality of our arguments creates a fine explanation of the e-Estonia case as an example.

Keywords: artefactual institutions, e-Estonia, social change, technological trajectories

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