

Innovation Doesn't Work: Video Artefact

LUCAS BECERRA

CENTRO DE ESTUDIOS SOCIALES SOBRE
CIENCIA, TECNOLOGÍA Y DESARROLLO
(CITEDE), INSTITUTO DE ESTUDIOS
SOBRE CIENCIA Y TECNOLOGÍA DE LA
UNIVERSIDAD NACIONAL DE QUILMES
(IESCT-UNQ-CIC-BA) CONICET
ARGENTINA

HERNÁN THOMAS

CENTRO DE ESTUDIOS SOCIALES SOBRE
CIENCIA, TECNOLOGÍA Y DESARROLLO
(CITEDE), INSTITUTO DE ESTUDIOS
SOBRE CIENCIA Y TECNOLOGÍA DE LA
UNIVERSIDAD NACIONAL DE QUILMES
(IESCT-UNQ-CIC-BA) CONICET
ARGENTINA

Abstract

This comment engages with two questions introduced by Alan Irwin's introductory essay to this thematic collection on STS and Innovation (2023), and invites the reader to reflect on them as parts of a problem-solution relationship: *When it comes to engaging with and acting upon socio-technical change, is 'innovation' part of the solution or of the problem? What new conceptual and empirical resources can STS bring to the study of innovation?* The 'problematic side' (the first question) of our argument is focused on the theoretical constraints of 'innovation' as an analytical concept. Then, to address the 'solution side' (the second question), we introduce an approach to socio-technical change: the interactive socio-cognitive model. This model is presented as an analytical framework that makes explicit the explanatory (and programmatic) advantages that the notion of socio-technical change has compared to innovation.

Keywords

innovation; socio-technical change; knowledge; technology; constructivism

Video

<https://www.youtube.com/watch?v=CuBxczVFtC4>.

Acknowledgements

We would like to thank Universidad Nacional de Quilmes (UNQ) and the Consejo Nacional de Investigaciones Científicas y Técnicas (Conicet) for the institutional and financial support. Many thanks also to Alan Irwin, the anonymous reviewers and the editors of *ESTS* for their insightful suggestions.

Copyright © 2023. (Lucas Becerra, and Hernán Thomas). This work is licensed under an Attribution-NonCommercial-ShareAlike 4.0 International license (CC BY-NC-SA 4.0). Available at estsjournal.org.

To cite this article: Becerra, Lucas, and Hernán Thomas. 2023. "Innovation Doesn't Work: Video Artefact" *Engaging Science, Technology, and Society*. STS Infrastructures (Platform for Experimental Collaborative Ethnography), November 19, 2023. Accessed December 6, 2023. 9(2): 145–146.
<https://n2t.net/ark:/81416/p4s01c>.

To email contact Lucas Becerra: lucas.becerra@unq.edu.ar.

Author Biography

Lucas BECERRA is regular professor in the UNQ (Argentina) and researcher of Conicet (Argentina). Lucas conducts his research on Inclusive and Sustainable Development in the Centro de Estudios Sociales sobre Ciencia, Tecnología y Desarrollo (CITEDE), Instituto de Estudios sobre Ciencia y Tecnología, Universidad Nacional de Quilmes (IESCT-UNQ-CIC-BA).

Hernán THOMAS is full professor in the UNQ (Argentina) and researcher of Conicet (Argentina). Hernán is the Director of the Centro de Estudios Sociales sobre Ciencia, Tecnología y Desarrollo (CITEDE), Instituto de Estudios sobre Ciencia y Tecnología, Universidad Nacional de Quilmes (IESCT-UNQ-CIC-BA).

References

Becerra, Lucas, and Hernán Thomas. 2023. "Innovation Doesn't Work: The Explanatory Power of a Socio-Technical Approach." *Engaging Science, Technology, and Society* 9(2): 66–74. <https://doi.org/10.17351/ests2023.1395>.