

Engels, Franziska; Rogge, Jan-Christoph

**Article — Published Version**

## Tensions and Trade-offs in Real-World Laboratories – The Participants' Perspective

GAIA - Ecological Perspectives for Science and Society

**Provided in Cooperation with:**

WZB Berlin Social Science Center

*Suggested Citation:* Engels, Franziska; Rogge, Jan-Christoph (2018) : Tensions and Trade-offs in Real-World Laboratories – The Participants' Perspective, GAIA - Ecological Perspectives for Science and Society, ISSN 0940-5550, oekom verlag, München, Vol. 27, Iss. Supplement 1, pp. 28-31, <https://doi.org/10.14512/gaia.27.S1.8>

This Version is available at:

<https://hdl.handle.net/10419/179006>

**Standard-Nutzungsbedingungen:**

Die Dokumente auf EconStor dürfen zu eigenen wissenschaftlichen Zwecken und zum Privatgebrauch gespeichert und kopiert werden.

Sie dürfen die Dokumente nicht für öffentliche oder kommerzielle Zwecke vervielfältigen, öffentlich ausstellen, öffentlich zugänglich machen, vertreiben oder anderweitig nutzen.

Sofern die Verfasser die Dokumente unter Open-Content-Lizenzen (insbesondere CC-Lizenzen) zur Verfügung gestellt haben sollten, gelten abweichend von diesen Nutzungsbedingungen die in der dort genannten Lizenz gewährten Nutzungsrechte.

**Terms of use:**

*Documents in EconStor may be saved and copied for your personal and scholarly purposes.*

*You are not to copy documents for public or commercial purposes, to exhibit the documents publicly, to make them publicly available on the internet, or to distribute or otherwise use the documents in public.*

*If the documents have been made available under an Open Content Licence (especially Creative Commons Licences), you may exercise further usage rights as specified in the indicated licence.*



<https://creativecommons.org/licenses/by/3.0/>

Franziska Engels, Jan-Christoph Rogge

## Tensions and Trade-offs in Real-World Laboratories – The Participants' Perspective

GAIA 27/S1 (2018): 28-31. doi:10.14512/gaia.27.S1.8

### Supplementary Material

#### Contact:

Franziska Engels, MA | Technical University of Munich | Munich  
Center for Technology in Society and TUM School of Management | Munich |  
Germany | Tel.: +49 30 25491224 | E-Mail: franziska.engels@wzb.eu

Dr. Jan-Christoph Rogge | E-Mail: christoph.rogge@wzb.eu

both: WZB Berlin Social Science Center | Research Group Science Policy  
Studies | Reichpietschufer 50 | 10785 Berlin | Germany

#### Copyright:

©2018 F. Engels, J.-C. Rogge.; licensee oekom verlag. This is an Open Access article distributed under the terms of the Creative Commons Attribution License (<http://creativecommons.org/licenses/by/3.0>), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

### Research Campus Mobility2Grid

The “Research Campus Mobility2Grid – Renewable Energy and Electromobility for Smart Urban Environments” was launched in 2013 and is part of the funding initiative “Research Campus – public-private-partnerships for innovations” of the Federal Ministry of Education and Research (BMBF) in Germany. The funding initiative is aimed at “supporting large-scale and long-term approaches to single-site cooperation between science and industry”<sup>1</sup>. The main objective of the Research Campus Mobility2Grid is to realize and bring together the energy and mobility transition. 36 partners from various different sectors collaborate in seven different thematic areas (like “smart grid infrastructure”, “connected e-mobility”, or “digital spaces”) to assess and implement innovative solutions to ensure an affordable and secure supply of electricity, heat and transport fully based on renewable energies. The partner network comprises large technology companies like *Siemens* and *Schneider Electric*, Berlin’s public transport company *BVG* and Berlin’s municipal waste disposal company *BSR*, start-ups like the roller-sharing service *emmy*, the Technical University Berlin, research organizations like the *WZB Berlin Social Science Center* and the *FZI Research Center for*

---

<sup>1</sup> BMBF 2017: Research Campus Funding Initiative.  
[https://www.bmbf.de/pub/Research\\_Campus\\_Funding\\_Initiative.pdf](https://www.bmbf.de/pub/Research_Campus_Funding_Initiative.pdf)

*Information Technology* and the cooperative BürgerEnergieBerlin that aims at buying Berlin's electricity grid. The consortium founded a non-profit association to coordinate the overall project and a collection society for the exploitation of joint ideas and products. The project is divided into a preliminary phase lasting from March 2013 until March 2015 and a main phase that started in January 2016 and is expected to last until 2020. The site of cooperation is the EUREF-Campus in Berlin, Germany. A self-proclaimed "urban living lab for the Energiewende," EUREF aims to be a research and demonstration site for future smart and sustainable city arrangements.

For a complete list of partner organizations as well as projects and events carried out by the Research Campus Mobility2Grid please have a look at the website:  
<http://www.mobility2grid.de>

### **Energieavantgarde Anhalt**

The regional renewable energy network, the "Energieavantgarde Anhalt" (EAA), has been officially launched in 2014, when a heterogeneous group of actors gave birth to the idea of becoming a pioneer region for energy transitions. At the heart of the EAA vision are the local production and consumption of energy and the integration of electricity, heat and mobility. Since the beginning, hopes are pinned on presenting the region as a testing ground for energy related business ideas and products, for research activities, as well as for socio-economic changes and a stronger participation of citizens within the region. The region is part of the federal state of Saxony-Anhalt and counts 380,000 inhabitants. Already today, its share of electricity derived from renewables amounts up to 50 per cent ([www.energieavantgarde.de](http://www.energieavantgarde.de)). Recognizing a lack of tangible political action at the federal level in future energy policies, the initiative's vision attracted nation-wide interests from foundations and research organizations, who joined the network, pushing towards next steps and helping to raise funding. Today, a larger group of organizations engages in this collective undertaking, from both the local and supra-regional level: Germany's main environmental protection agency *Umweltbundesamt* with its headquarter located in Dessau, regional grid provider *enviaM*, companies in the field of energy services like *Tilia GmbH* and *Tesvolt GmbH*, the local municipalities like *Wittenberg* and *Dessau-Roßlau*, the public utility companies of *Dessau*, *Köthen*, and *Bitterfeld-Wolfen*. Further, a number of research organizations is part of the network, like the *Reiner-Lemoine-Institute*, the *WZB Berlin Social Science Center* and the *Anhalt University of Applied Sciences*; and non-profit foundations as the *innogy foundation for energy and society*, the *Halekala foundation*, and the *100 percent renewable foundation*. EAA chose to found a non-profit association as its organizational form to encourage participation of citizens and companies alike. EAA activities are mainly funded by two non-profit organizations.

For a complete list of partner organizations as well as projects and events carried out by the EAA please have a look at the website <https://www.energieavantgarde.de/>.