

Supplementary Material

Planning for 1000 Years: The Råängen Experiment

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Methodological Approach

The case study of Råängen was based on an interview study and documented material from the Råängen project (see Råängen 2020) and the Municipality of Lund (e.g., zoning plans, master plans, vision documents, etc.). In the interview study, all interviewees were selected in their capacity as being involved in the Råängen project, either as part of the management team, hired for commissions or advice, or as city planners. In total ten interviews were conducted with twelve interviewees, as listed in the table below. The interviews lasted for about one to one and a half hours. During the interviews, we asked semi-open questions based on a topic list and focused on covering crucial themes (such as time, values, learning, or art) and let the interviewees speak freely around these topics. The interviews were conducted in September, October, and November 2019. At that point, the Råängen project had been active for some years and had received its first building permit for a public space, Hage (the third commission), however the construction work on site had not yet started. In addition to this, some of the authors also participated in public seminars arranged in conjunction with the Råängen art and architectural program, for instance the

Time seminar in April 2018, the inauguration of Coley's second commission *And We Are Everywhere* in June 2018, and the *Hage* seminar in September 2019.

With the permission of the interviewees, all of the interviews have been recorded and transcribed in full. Quotes have been extracted from the transcripts to answer our research question: *How can an experimental approach to urban planning engage with the long term?* and concomitant sub-questions about representation, tangibility, reflection, and intervention. These sub-questions were: How to represent the long-term future? How to make the long term tangible? How to reflect on the long term? How to act or intervene with the perspective of the long term in mind? Quotes were added and coded individually by three members of the research group, followed by collaborative work on patterns found in the coding. This analysis was conducted through an iterative process between empirical patterns and the literature.

List of interviewees

As part of the case study, we interviewed the following twelve informants in their capacity as being involved in the Råängen project:

List of interviewees

Name	Occupation, organization	Function in Råängen	Date of interview
Jes Fernie	Independent curator	Steering group	23 September 2019
Åsa Bjerndell	Architect, White Arkitekter	Steering group	24 September 2019
Jake Ford	Architect, White Arkitekter	Steering group	24 September 2019
Christer Larsson	Chairman of the Property Management Committee, Lund Cathedral	Steering group	25 September 2019 (with Mats Persson)
Mats Persson	Treasurer, Lund Cathedral	Steering group	25 September 2019 (with Christer Larsson)
Lena Sjöstrand	Chaplain, Lund Cathedral	Steering group	23 October 2019
Jesper Wirf	Property asset consultant, Svefa	Advisor to the Steering group	21 November 2019
Nathan Coley	Artist	Commissioned artist	19 November 2019
Christian Skovbjerg Jensen	Director, Inter Arts Centre at Lund University	Advisory group	26 September 2019
Christian Wilke	City planner, Brunshög project, Municipality of Lund	Liaison officer to Råängen	24 September 2019
Henrik Nilsson	City planner, Municipality of Lund		25 September 2019 (with Astrid Avenberg Rosell)
Astrid Avenberg Rosell	City planner, Municipality of Lund		25 September 2019 (with Henrik Nilsson)

Literature review

In addition to the case study, a literature review covering twenty-two publications was conducted to explore the presence of the long term within urban experimentation. The review consists of prominent articles and books within the

research field of urban experimentalism and academic journal articles on urban experimentation published during the period from 2007 to 2019, none of which made any explicit reference to the long term. The review involved the following publications:

- Betsill, M. M., & Bulkeley, H. (2006). Cities and the multilevel governance of global climate change. *Global governance*, 12(2), 141–160.
- Betsill, M., & Bulkeley, H. (2007). Looking back and thinking ahead: A decade of cities and climate change research. *Local Environment*, 12(5), 447–456.
- Bulkeley, H. (2010). Cities and the governing of climate change. *Annual Review of Environment and Resources*, 35, 229–253.
- Bulkeley, H., & Castán Broto, V. (2012). Government by experiment? Global cities and the governing of climate change. *Transactions of the Institute of British Geographers*, 38(3), 361–375.
- Bulkeley, H., Coenen, L., Frantzeskaki, N., Hartmann, C., Kronsell, A., Mai, L., ... Voytenko Palgan, Y. (2017). Urban living labs: Governing urban sustainability transitions. *Current Opinion in Environmental Sustainability*, 22, 13–17.
- Bulkeley, H., Marvin, S., Voytenko Palgan, Y., McCormick, K., Breidfuss-Loidl, M., Mai, L., ... Frantzeskaki, N. (2019). Urban living laboratories: Conducting the experimental city? *European Urban and Regional Studies*, 26(4), 317–335.
- Caprotti, F., & Cowley, R., 2016. Interrogating urban experiments. *Urban Geography*, 38(9), 1441–1450.
- Castán Broto, V., & Bulkeley, H. (2013). A survey of urban climate change experiments in 100 cities. *Global environmental change*, 23(1), 92–102.
- Evans, J. (2011). Resilience, ecology and adaptation in the experimental city. *Transactions of the Institute of British Geographers*, 36, 223–237.
- Evans, J. (2016). Trials and tribulations: Problematizing the city through/as urban experimentation. *Geography Compass*, 10(10), 429–443.
- Evans, J., Karvonen, A. & Raven, R. (2016). *The experimental city*. London: Routledge.
- Evans, J., Bulkeley, H., Voytenko, Y., McCormick, K., & Curtis, S. (2018). Circulating experiments: Urban living labs and the politics of sustainability. In K. Ward, A. Jonas, B. Miller & D. Wilson (Eds.), *The Routledge handbook on spaces of urban politics*. London: Routledge.
- Fuenfschilling, L., Frantzeskaki, N., & Coenen, L. (2019). Urban experimentation & sustainability transitions. *European Planning Studies*, 27(2), 219–228.
- Huitema, D., Jordan, A., Munaretto, S., & Hildén, M. (2018). Policy experimentation: Core concepts, political dynamics, governance and impacts. *Policy Sciences*, 51(2), 143–159.
- Karvonen, A., & Van Heur, B., (2014). Urban laboratories: Experiments in reworking cities. *International Journal of Urban and Regional Research*, 38(2), 379–392.
- Kronsell, A., & Mukhtar-Landgren, D. (2018). Experimental governance: The role of municipalities in urban living labs. *European Planning Studies*, 26(5), 988–1007.
- Mukhtar-Landgren, D., Kronsell, A., Voytenko Palgan, Y., & von Wirth, T. (2019). Municipalities as enablers in urban experimentation. *Journal of Environmental Policy & Planning*, 21(6), 718–733.
- Sengers, F., Wiczorek, A. J., & Raven, R. (2019). Experimenting for sustainability transitions: A systematic

- literature review. *Technological Forecasting and Social Change*, 145, 153–164.
- Stripple, J., & Bulkeley, H. (2019). Towards a material politics of socio-technical transitions: Navigating decarbonisation pathways in Malmö. *Political Geography*, 72, 52–63.
- Torrens, J., Schot, J., Raven, R., & Johnstone, P. (2019). Seedbeds, harbours, and battlegrounds: On the origins of favourable environments for urban experimentation with sustainability. *Environmental Innovation and Societal Transitions*, 31, 211–232.
- Voß, J., & Schroth, F. (2018). Experimentation: The politics of innovation and learning in polycentric governance. In: A. Jordan, D. Huitema, H. van Asselt & J. Forster (Eds.), *Governing Climate Change: Polycentricity in Action?* (pp. 99–116). Cambridge: Cambridge University Press.
- Voytenko, Y., McCormick, K., Evans, J., & Schliwa, G. (2016). Urban living labs for sustainability and low carbon cities in Europe: Towards a research agenda. *Journal of Cleaner Production*, 123, 45–54.