



# Designing for Reflexive Foresight

RTTA 3 problematizes conventional deliberative approaches to anticipation that naively attempt to predict technological outcomes. RTTA 3 research instead pursues anticipatory governance by honing in on methods that focus on plausibility rather than probability (Selin 2011; Ramirez & Selin 2014) and incorporate a more nuanced understanding of the social dimensions of technical change. The new future-oriented methods invented are geared towards building the capacity of lay people, scientists, and engineers, and civic stakeholders to approach the intersections between science, technology, and society with greater reflexivity, foresight and systemic thinking.

RTTA 3 leader **Cynthia Selin** and colleagues have especially worked to develop alternative experiential and digital methods of engagement that incorporate more affective, visual, imaginative, and sensorial modes of anticipation into deliberation.

In 2013, the Futurescape City Tours, a novel approach to public engagement with emerging technologies, launched in six cities in North America. The process involved a walking tour with behind-the-scenes expeditions, photography, guided deliberation, and dialogue with city planners, researchers, policymakers, and civic leaders. In 2014, the team developed a guide, website, and video for city planners, researchers, and the public.

In 2012, Selin co-founded the ASU *Emerge* event, which brought together artists, scientists, engineers, students, and educators to reimagine the future through design fictions, serious games, artistic monumental-scale sculptures, science fiction stories, and provocative films. The journal *Futures* devoted a special issue to this large-scale experiment of future-oriented deliberation (in press).



**Cynthia Selin** | Arizona State University  
Assistant Professor, School of Sustainability  
Senior Sustainability Scientist, Global Institute of Sustainability



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