ANTICIPATING RISK, REGULATING TECH

A Playbook for Ethical Tech Governance

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Technology generates as many new problems as new solutions.

Most of the problems we will have in the future are going to be caused by the technologies that look like solutions to us today."

-KEVIN KELLY, The Inevitable



Future-proofing to avoid post-traumatic innovation

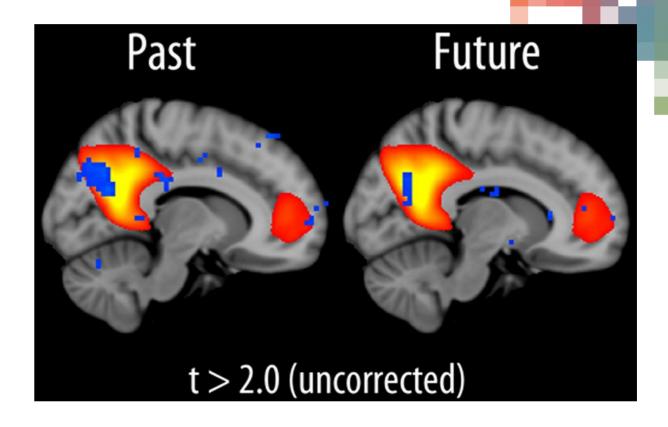
Or, How to avoid accidentally becoming the world's next great supervillain

We can't predict the future.

We can learn how to think about the future systematically, anticipating and acting on risk, and turning uncertainty into inspiration for action.



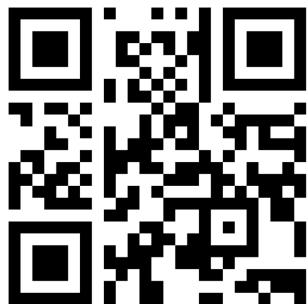
We tend to think about the future based on the past





POLL: What word(s) come to mind when you think about ethics and technology?

Enter your reply by scanning the QR code below, or by going to the link in the Slack channel.





Anticipate the **long-term social impacts** of the tech today to protect our **most essential public goods**:

truth privacy

democracy

economic security

equality

mental health

public safety humanity's well-being



Construction State and

"Astra Taylor will change how you think about democracy. . . . She unpacks it, wrestles with it, with the question of who gets included and how, and excavates the invisible assumptions that have been bred into our idea of democracy."

—EZRA KLEIN, The Ezra Klein Show

ASTRA TAYLOR DEMOCRACY MAY NOT EXIST. **BUT WE'LL** MISS IT WHEN

freedom spontaneity conflict expertise inclusion local coercion present

equality structure consensus mass opinion exclusion global choice future

A Playbook for

Ethical Technology Governance



tingari-silverton foundation

What is in the Playbook?



Playbook Contents

- Risk Zones
- Scenarios
- Decision Tree
- Discussion Questions
- Further Reading





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2 Scenarios

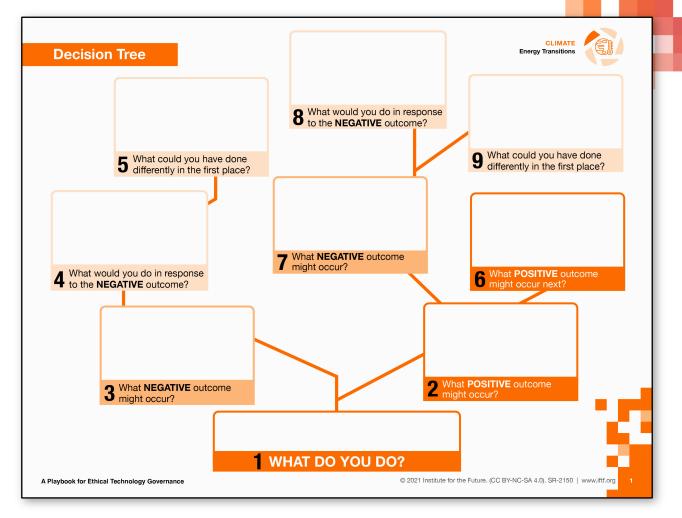




Discussion Questions









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Signals of Change

Concrete observations about how the world is changing, today.

- New practice, policy, or technology
- Event, local trend
- Something that catches our attention and points to larger implications







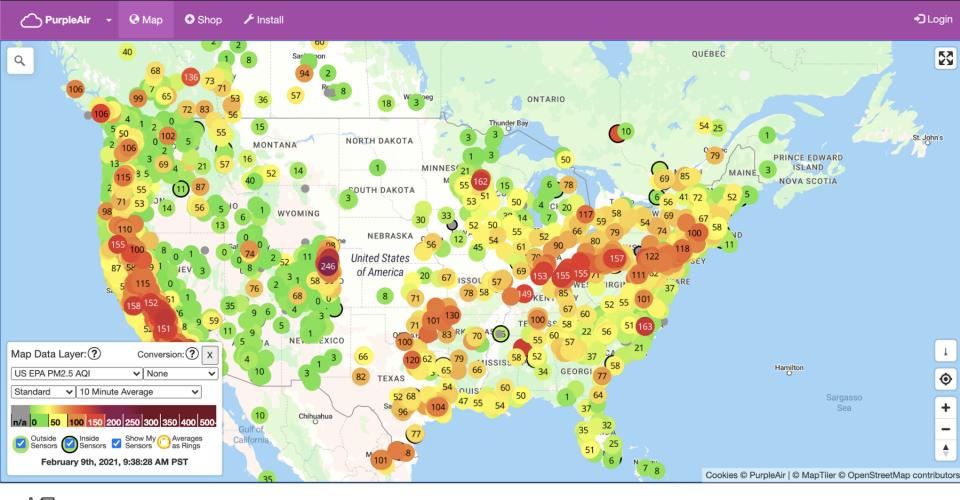
Risk Zone 5: CLIMATE



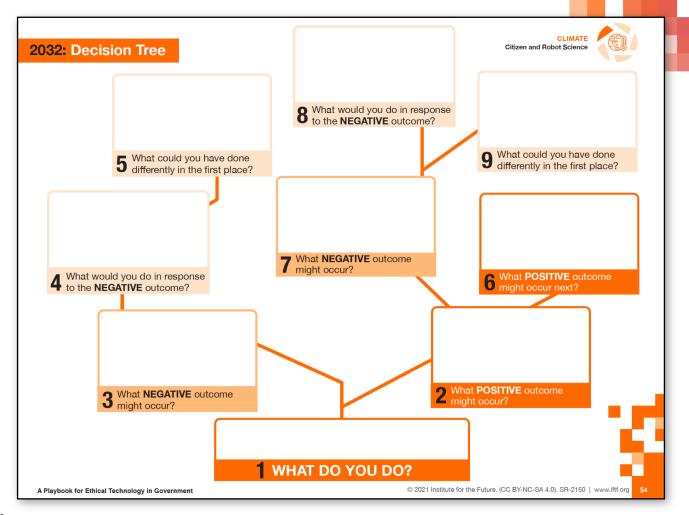
Climate: Scenario 2032

- Citizen scientists have created an open-source pollution map of your city, along with "early warning drones" that alert residents when pollution levels rise, telling them to stay inside.
- Recently, the drones swarmed a neighborhood with a warning before the city informed residents of potential toxic exposure.
- The Department of Public Health proposes a lengthy regulatory process for the drones; residents are protesting the new proposed rules, arguing they won't get health information when they need it.



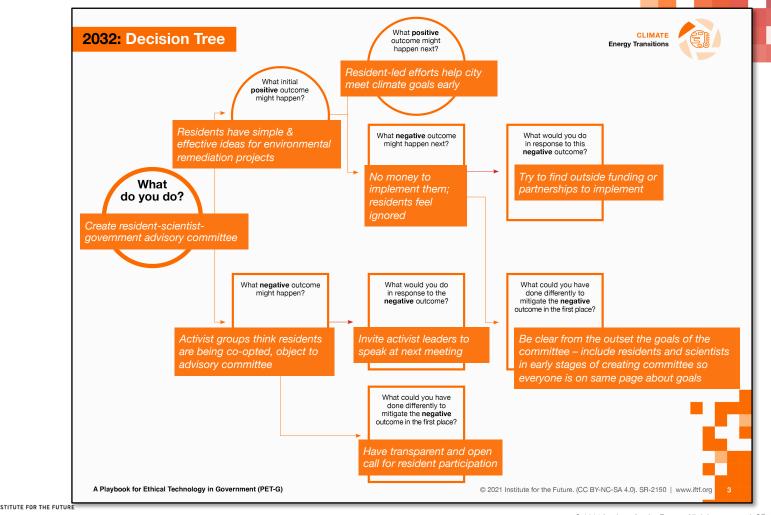








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Climate 2032: Questions for Consideration

- If the wisdom of the crowd is trustworthy—and accurate is it your place to regulate how it spreads its information?
- As a government agent, how would you work with citizen scientists to rebuild trust in your agency?



When something of massive consequence happens that no one predicted, we often say it was simply unimaginable. But the truth is, nothing is impossible to imagine. When we say something was unimaginable, usually it means we failed to point our imagination in the right direction."

—Jane McGonigal, Institute for the Future



Thank you!

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