Vision

How can technology inform a better modern legal system?

**Precedents**

- Law & Economics/University of Chicago (Coase theorem) ... widely adopted by Federal Courts

- Uniform Laws authored by National Conference of Commissioners on Uniform State Laws

**How**

Create technology enabled Model Platform, run by MIT Media Lab, that replicates a sovereign legal entity (city, state, country)

Model Platform can be used to model the impact of laws & regulations on society

Run it like a gaming platform (“SimCity”)
The Model Platform

**Steering/Advisory Group**
- Cross-disciplinary body of technologists, lawyers, economists, statisticians, ethicists
- Advise MIT Media Lab students on domain areas
- Responsible for adopting “Magna Carta”

**Operations**
- Run by MIT Media Lab students

**Magna Carta**
Kernel of how to operate platform; illustrative principles:
- **Sovereign identify** ... Individuals own their identity/data
- **Rule utilitarian approach** ... “Greatest good for the greatest number”
- **Establish definition** of the greatest good (economics+?)

**How the platform generates data**
- Users interacting on platform
- Participating sponsors ... E.g., city makes real traffic data available to model impact of change in speed limit

**Why the platform is valuable**
- Gives legislators/regulators/companies ability to **model social impact** of new rules
- Grounded in principle of **dynamic rule making** ... rules need to be continuously evaluated for ongoing effectiveness/adjustments
- **De-risks new legislation**; model unintended consequences, etc.
- Mitigates first mover disadvantage
**Platform Example**

**Case:** New TechCity would like to model impact of new property tax regime to incent economic activity in low-income neighborhoods by lowering sales tax in these neighborhoods

**Process**

- New TechCity sets up X-Prize in platform to test tax proposal
- New TechCity loads anonymized demographic and socioeconomic data into Platform
- Users are incented to participate/play by X-Prize
- Evaluate socioeconomic impact

Platform initially would be focused on areas that generate publicity/marketability
## Illustrative Rollout Plan

<table>
<thead>
<tr>
<th>Timeline</th>
<th>Deliverable</th>
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<tbody>
<tr>
<td>[date]</td>
<td>Assemble Advisory Group, schedule immediate kickoff</td>
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<tr>
<td>[date]</td>
<td>Set up administrative office within Media Lab, recruit students</td>
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<tr>
<td>[date]</td>
<td>Complete technology feasibility study and determine budget</td>
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<td>[date]</td>
<td>Develop kernel/philosophy</td>
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<tr>
<td>[date]</td>
<td>Develop technology platform</td>
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<td>Approach city to be first model client/X-Prize ... no fee, but will have to provide data</td>
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<td>Announce new Media Lab department and launch project</td>
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<td>Use credibility of city X-Prize to sign up participating sponsors/cities, etc.</td>
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