

Safeguarding Communities:



A Data-Driven Approach to
Addressing the Impact of
Rapid Energy Infrastructure
Expansion

Meet the Team



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May 2025



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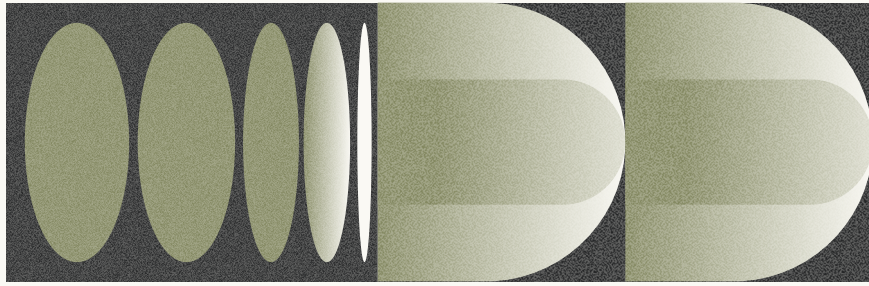


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**table of
contents.**

01 PROBLEM STATEMENT

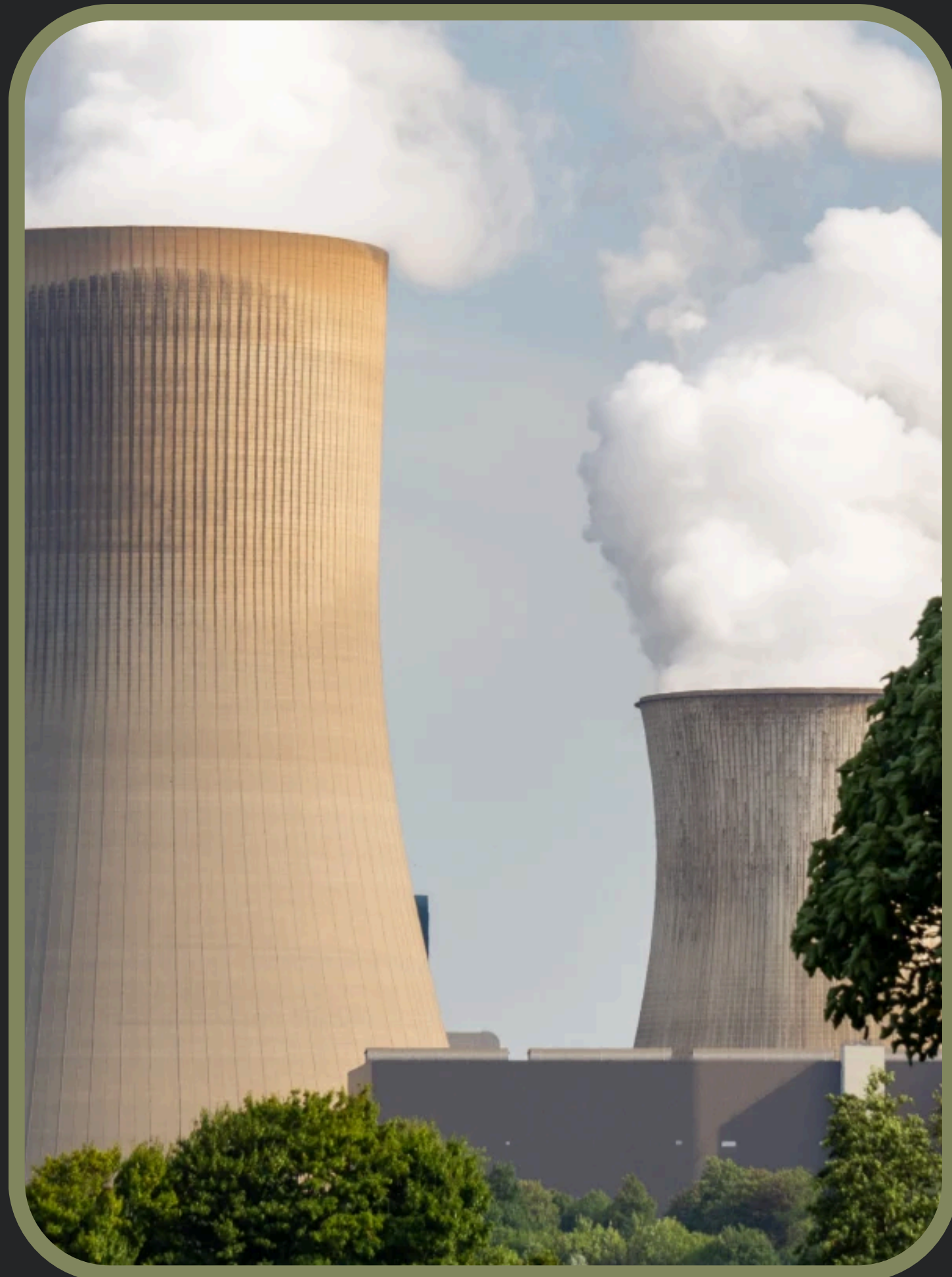
04 SHORTCOMINGS

02 RESEARCH FINDINGS

05 IMPLEMENTATION
ROADMAP

03 POLICY OVERVIEW

06 PRODUCT



What is the problem?

The rapid expansion of energy infrastructure projects, driven by AI-enabled national security demands, risks disproportionately impacting marginalized communities by neglecting thorough socioeconomic and environmental assessments during accelerated approval processes

Research Findings



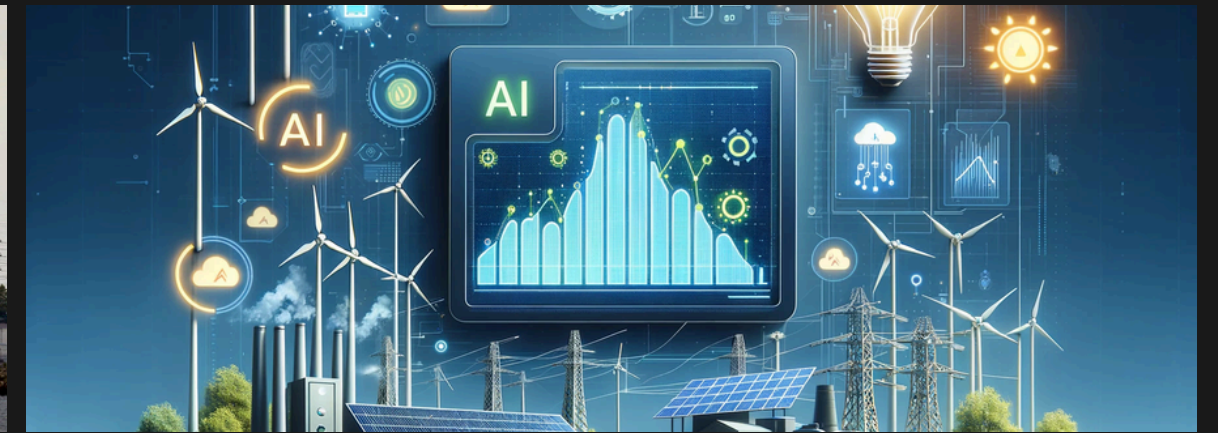
Land Requirements and Displacement Risks

Renewable energy needs much more land, often displacing marginalized communities, and AI-driven energy demands will exacerbate this issue.



Failure of Previous Power Plants

The failures of Shoreham and San Onofre nuclear plants show the dangers of rushing energy projects, leading to financial losses and environmental risks due to poor planning and public opposition.



Increase Energy Demands and the Race for AI Leadership

AI-driven energy demands are rapidly increasing, but companies are expanding infrastructure without fully considering long-term impacts on local communities

Policy Plan *Overview*

Data Assessment

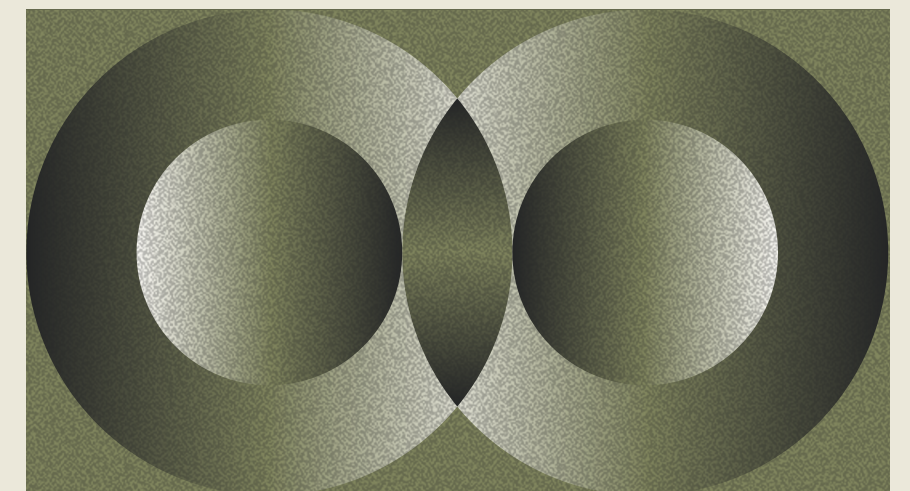
Mandate evaluating projects based on environmental, economic, and demographic data.

AI Integration

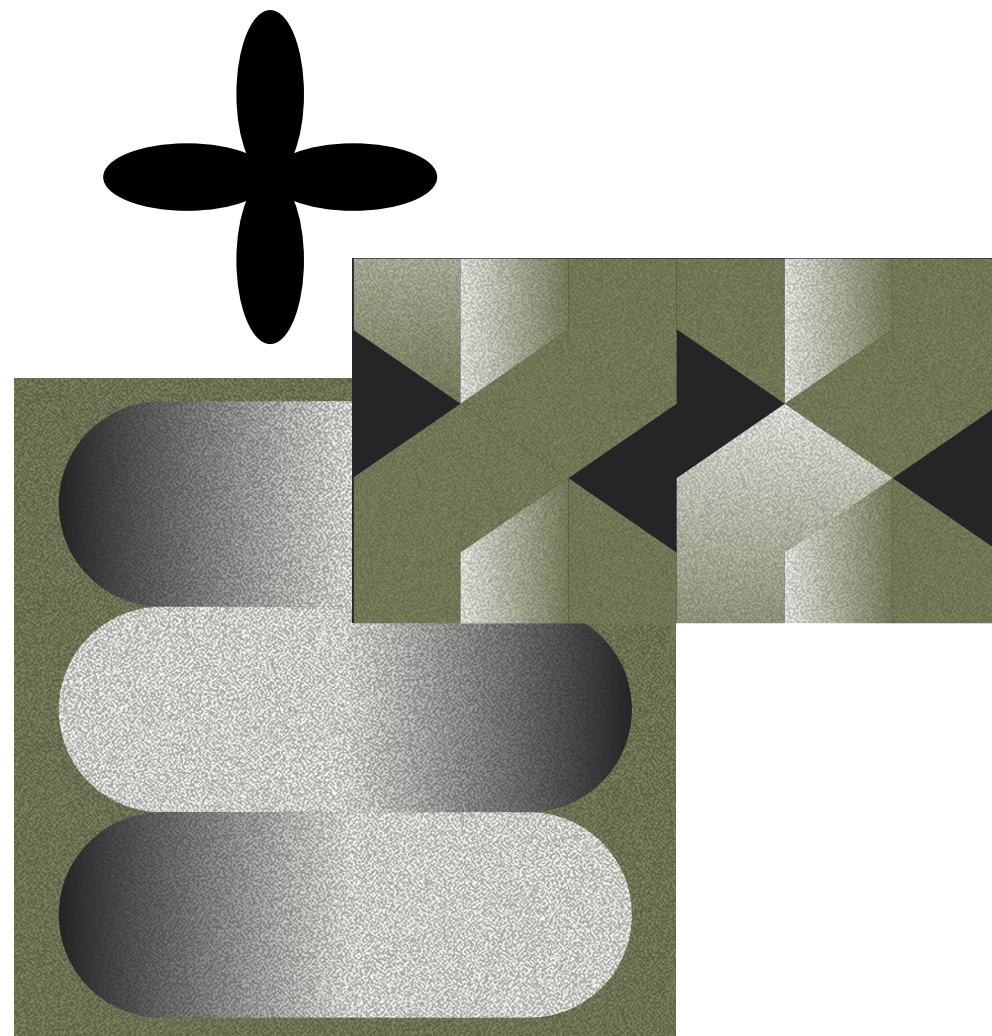
Use AI for real-time, efficient assessments without approval delays.

Transparency

Ensure fairness with audits, public data, and AI oversight.



Shortcomings



01

Increased Costs and Slower Processes

Companies may face increased upfront costs and longer wait times on project approvals.

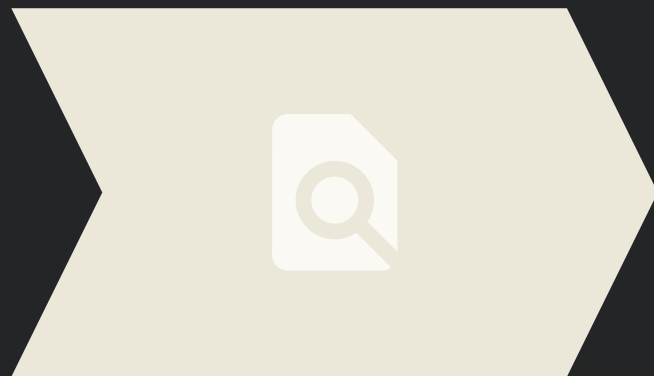
02

Data Manipulation

Developers might attempt to skew the results of the program's analysis to favor project approvals.

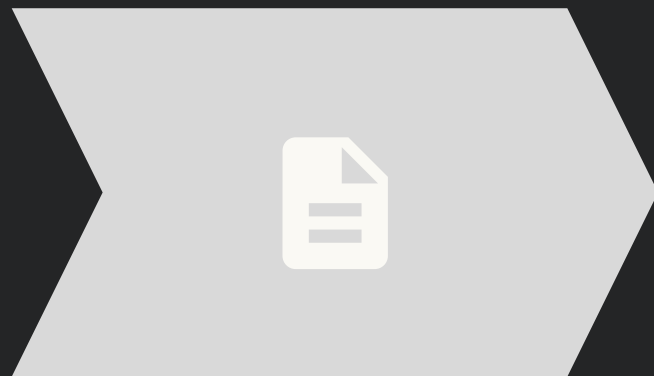
Policy Integration Plan

Month 3



Program prototype
finalized

Month 9



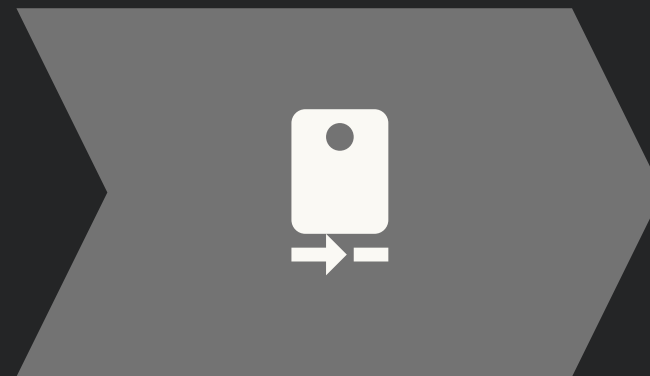
Pilot projects
completed

Month 12



Policy mandating
program for federal
agency enacted

Month 18



Nationwide roll out
and training for
stakeholders

Continuation



Continuous optimization
and improvement under
Chief AI offices and
National AI Advisory
Committee

Introducing ENVIRO.AI

Enviro.ai

Longitude:

Enter longitude

Latitude:

Enter latitude

Size Radius:

Enter size radius

Type of Energy:

Enter type of energy

Submit

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