Scaling Global South Climate Solutions | Energetic - Global

CITY ATLAS

Energetic is a four-player cooperative challenge that teaches players about energy transition and what it takes to decarbonize a city.

Challenge

Our mission is to make the world energy and climate literate.
To prevent climate change from getting worse, we have to build new infrastructure quickly and for that to happen, people have to agree to it. We need almost perfect cooperation between governments, businesses, and the public.

Solution

Our solution is to create a public practice space for the transition with an original collaborative game matched to real data. With this method, players of all ages can learn how to fix climate change with accurate, updatable info, scaling from a 2.5 hr game to a month-long series of workshops, integrated to where they live.
We built Energetic, a four-player cooperative challenge in which you work to decarbonize New York City by building 16 GW of carbon neutral energy by 2035 (in the Green New Deal version) or 2050 (in the standard version). You can build entirely with renewables (wind, water and solar), or, by doing research before construction, include advanced nuclear power or natural gas with carbon capture (CCS).
Our focus on clear, accurate education is confirmed by the findings in 2024's National Academies report on solving climate change in the US, which spells out the urgent need for an informed public. This is true in the US, and it's true globally, where public education is required in the Paris Agreement, Article 12, but has not yet been delivered at scale.

Contact

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Website





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Impact

Thanks to teachers who have administered a survey for our project, we have results from six NYC high schools and 274 students. The key before and after question in the survey is “How confident would you be in describing the factors in the energy transition to a family member?” In each class surveyed, students became more confident in their understanding of the energy transition, and more confident in being able to describe the steps to decarbonize NYC. In classes at Bronx Science, there was a five-fold increase in students answering ‘confident’ (4) and ‘very confident’ (5) after learning with Energetic when measured against their responses on a pre-game survey on energy.

Partners

- Hunter College Institute for Sustainable Cities
- 350NYC
- Play2ProgressIndia and Bharat Play Innovations International Private Limited.
- The Climate Party
- Many high schools and universities



