



More than 300 MIT faculty members are already working on different aspects of the climate challenge. The Climate Project will enable the MIT community to take on bigger problems faster and to work more effectively with local, national, and international partners to connect new solutions to the practical world of climate impact and response.

The Climate Project at MIT

As an institution with a history of rising to meet major national and global challenges, MIT is now mounting an extraordinary new response to the global threat posed by climate change. **The Climate Project at MIT** is mobilizing the whole Institute community to work with our partners to develop solutions to some of the toughest problems standing in the way of an effective global climate response. The goal is to change the expected trajectory of global climate outcomes for the better within 10 years.

The Climate Project is organized around six Missions, each addressing a broad domain where new approaches are urgently needed and where a critical mass of research capabilities exists at MIT. The initiative will be led by the vice president for climate at MIT, a newly created role.

Join Us in this Moment of Unprecedented Challenge

MIT is unusual and perhaps unique among the world's universities in its ability to mobilize its disciplinary excellence around a mission-driven, global approach to the climate challenge. Investment in the Climate Project will enable MIT to become one of the world's most prolific and collaborative sources of technological, behavioral, and policy solutions to ameliorate the climate emergency.

We invite current and new partners in philanthropy, academia, industry, finance, and government to join us.

SCIENCE AND SOLUTIONS FOR LIFE IN A CHANGING WORLD

The Climate Project is a new, whole-of-MIT approach to the climate challenge facing the world. It has three interconnected components: the **Climate Missions** and their offshoots, the **Climate Frontier Projects**, and **Climate HQ**.

Climate Missions

MIT-based problem-solving communities will be organized around six critical Climate Missions. The Missions will attract outstanding researchers, practitioners, and other stakeholders from inside and outside MIT. Each mission will assess national and global progress within its domain; identify critical gaps and bottlenecks as well as promising new pathways for action; and select, launch, and support projects to accelerate progress. Each mission will be led by a faculty director and an executive director. A key role of mission leadership will be to promote engagement with industry, impact investors, and social and technological entrepreneurs, as well as governments and nonprofits. The six missions are:

- Decarbonize Energy and Industry
- Restore the Atmosphere, Protect the Land and Oceans
- Empower Frontline Communities
- Build and Adapt Healthy, Resilient Cities
- Invent New Policy Approaches
- Wild Cards

Climate Frontier Projects

Launched by and funded through the Climate Missions, Climate Frontier Projects will take on hard problems that are either roadblocks to climate progress or whose resolution will create important new pathways for climate action. These projects will have clear milestones, deliverables, and accountability. In all cases, the focus will be on accelerating impact, whether by developing and testing prototypes, collecting data, testing and evaluating the impact of new policy implementations, and supporting large-scale deployment of industrial technologies and systems.

Climate HQ

The Climate HQ will support fundamental research in the core scientific and humanistic disciplines related to climate and will promote engagement between researchers in these disciplines and the Climate Missions. It will allocate Undergraduate Research Opportunities Program positions, graduate and postdoc fellowships, junior faculty seed funds, and senior climate innovation fellowships, and will ensure MIT's departments, laboratories, centers, and institutes (DLCIs) are equipped to engage in climate-related research and education. Leadership of the Climate HQ will work with the DLCIs on climate-related faculty recruiting and hiring.

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