DETAILS AND CRITERIA

ABOUT THE GLOBAL COOLING PRIZE
The Global Cooling Prize (GCP)—initiated by Rocky Mountain Institute (RMI); Department of Science & Technology, Government of India; and Mission Innovation—is rallying a global coalition of leaders to solve the critical climate threat that comes from growing demand for residential air conditioning. By harnessing the power of innovation, we can provide cooling solutions that enhance people's lives without contributing to runaway climate change. This groundbreaking competition led by RMI, Conservation X Labs, Alliance for an Energy Efficient Economy (AEEE), and CEPT University, is designed to incentivize the development of a residential cooling solution that will have at least five times (5X) lower climate impact than today's standard AC units. This technology could prevent up to 100 gigatons (GT) of CO$_2$-equivalent emissions by 2050,$^{1}$ and put the world on a pathway to mitigate up to 0.5°C of global warming by 2100, all while enhancing living standards for people in developing countries around the globe.

THE NEED
If the global demand for cooling continues to increase on a business-as-usual trajectory, the number of room air conditioners (RACs) units in service are estimated to increase from 1.2 billion units today to 4.5 billion units by 2050. Developing countries will see a fivefold increase in demand for RACs over this same period. This increase in demand will alone be responsible for over 0.5°C increase in global warming by 2100, making it difficult for us to achieve the Paris climate goals. Therefore, the Global Cooling Prize will act as the necessary catalyst to spur innovation and develop a cooling technology with five times (5X) lower climate impact.

THE PRIZE
The competing technologies will be awarded up to US$2 million in intermediate prizes to support design and prototype development. The winning technology will be awarded at least US$1 million to help finance and support its commercialization.

THEORY OF CHANGE
The Global Cooling Prize will have a profound impact on the future of air-conditioning technology in India and beyond, creating a strong ripple effect across industry:

- It will shine a spotlight on promising technologies and help to build and reward a culture of innovation—galvanizing innovators, engineers, and corporations around the world to focus on the need to design superefficient climate friendly cooling solutions.
- This high-profile demonstration will validate what is technically possible, and provide insights as to what can be realistically scaled.
- This demonstration and subsequent economic analysis is likely to spur greater international awareness around the issue of cooling, sustainable development and climate.

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$^{1}$ Depending on how fast the grid transitions to cleaner energy sources, and how fast the breakthrough technology can be scaled.
The competition is expected to instill government confidence to move beyond incremental energy improvements and adopt much more aggressive efficiency codes. The whole system benefits, including savings in utility retail rate subsidies, and avoided grid infrastructure can be used to support early movers. Once the technology is established, government policy signals can help catalyze the rapid industrialization required to drive down technology costs.

EVALUATION CRITERIA
The Global Cooling Prize aims to identify an innovative residential cooling solution that far exceeds the performance of today’s AC units on the market. The prize criteria are performance-based ensuring that the prize is accessible to all technologies and fully technology agnostic. The winning cooling solution must have at least five times (5X) lower climate impact than the climate impact of the baseline AC unit for equivalent performance as specified under the ‘operation’ criteria. The baseline unit for the purpose of evaluation will be a Voltas 1.5 TR (5.3 kW) fixed speed split AC unit with Energy Efficiency Ratio (EER) of 3.5 W/W and using R22 refrigerant with a global warming potential (GWP) of 1760. The model details of the baseline AC unit are: Voltas SAC 183 JZJ.

The winning cooling solution must also be no more than twice the first cost of baseline unit at assessed scale (it results in a simple payback period [associated with the incremental cost of such a unit] of less than 3 years for the consumer). In addition, the solution should also operate within predefined limitations on refrigerants, water, full-load power consumption, emissions, volumetric size, materials and operational requirements.

The Global Cooling Prize has specific technical criteria that the participating technology solutions will be evaluated against to qualify in the competition. Performance against the following criteria must be demonstrated by every competing technology:

SUMMARY OF TECHNICAL CRITERIA

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<tr>
<th>Criteria</th>
<th>Minimum Technical Requirement to Compete in the Prize</th>
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<tr>
<td><strong>PRIMARY CRITERIA</strong></td>
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<td>Climate Impact</td>
<td><strong>Solution must have at least 5X lower climate impact than the baseline AC unit.</strong></td>
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<td>The climate impact will take into account both energy and refrigerant use. Designs will be selected as finalists and invited to develop and produce</td>
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2 This baseline unit represents the most commonly sold room air conditioner (RAC) by the industry leader with the highest market share in India and is in accordance with the Bureau of Energy Efficiency, Government of India defined Indian Seasonal Energy Efficiency Ratio (ISEER) rating of 3.5 for a 3-star AC in 2018. It is equivalent to EER 3.5 of a 5-star AC in 2016-17.

3 Assessed scale is a manufacturing scale of 100,000 units
prototypes for testing that show potential for at least 80% lower climate impact than the climate impact of the baseline unit, considering the reduction in grid electricity consumption (kWh) and refrigerant GWP (with an 80-20 electricity-refrigerant weighting, reflecting the climate impact of room air conditioners).

**Evaluation and Scoring Method:**
The climate impact of a cooling technology will be determined by a combination of two factors - electricity reduction (kWh) and refrigerant GWP reduction, using assigned weighting of 80:20 respectively, as compared to the baseline. The weighting for electricity and refrigerant is based on RMI modeling and the report of the Technology and Economic Assessment Panel (TEAP) in 2018, which show that refrigerant emissions are ~ 20 percent of life-cycle GHG emissions for room air conditioners, and operational emissions are ~ 80 percent, taking into account developing market grid emissions intensity factors.

To achieve a 5X lower climate impact, an overall reduction of 80% (electricity kWh and refrigerant GWP combined) as compared to the baseline will be required. For example, if a technology achieves a 75% reduction in electricity from the baseline and also uses a zero GWP refrigerant, it achieves a 100% reduction from the GWP baseline (R22 at a GWP of 1760). The overall percentage reduction achieved using the assigned 80:20 weighting would be 80% or 5X lower climate impact. This weighted percentage reduction from the baseline will then be converted to equivalent points. A zero percent reduction from the baseline i.e. a technology at baseline will receive zero points. A technology achieving 100% reduction from the baseline will receive 100 points. Any percentage reduction between 0% and 100% will be ratably converted to equivalent points between 0 to 100. Example: A technology achieving 80% reduction from the baseline will receive 80 points. These assessed points will be utilized to compare competing technologies that exceed the stated criteria limit.

If a participant can demonstrate in their application that the cooling technology effectively delivers the full 5X lower climate impact through a combination of the standalone unit performance and reducing energy consumption in adjacent systems (example: reduced energy consumption for hot water generation), the Technical Review Committee may decide to consider such application as complying with the climate impact criteria. In such a case, the technical review

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4 While the cooling technology should be able to meet or exceed the 5X lower climate impact criteria under varying outdoor conditions, when the outdoor air dry bulb temperature is above 20 degree Celsius only, as specified in the Testing Protocol Overview section, the Detailed Technical Application requires the participant to demonstrate that their cooling technology achieves at least 5X lower climate impact than the baseline unit when the outdoor air dry bulb temperature is above 20 degree Celsius in New Delhi, India. The TMY3 file for New Delhi will be provided to participants as part of the application.
committee will include the corresponding incremental climate impact and to the degree appropriate award additional points.

This scoring methodology will be used to evaluate the Detailed Technical Applications of the participants and rank the top 10 finalists. To the extent that the total number of qualifying finalists selected, that meet or exceed the 5X lower climate impact criteria, falls short of the desired number of teams to go through to the final round, the Technical Review Committee may decide to invite designs that meet all other prize criteria for the prize (mentioned below), show high early stage potential to exceed 80% climate impact reduction in the future and currently exceed at least a 64% climate impact reduction from the baseline, to develop prototypes for testing.

Following field and lab testing of the baseline unit and proposed solution, the top 10 cooling solutions will receive an updated score following the same scoring methodology.

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<th>Affordability</th>
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**Solution’s installed cost to consumers must not be more than 2X that of the baseline AC unit when manufactured at a scale of 100,000 units**

The installed cost of the cooling solution to consumer at a manufacturing scale of 100,000 units must be no more than 2X the baseline AC unit’s cost. The participant must provide the unit bill of materials cost, cost of external components and cost of consumables required to operate the solution - at a proposed manufacturing scale of 100,000 units per year. The bill of materials cost (comprised of the above noted three types of cost) of the competing technologies will be independently assessed by a panel of industrial engineers at a manufacturing scale of 100,000 units using the submitted bill of materials. The typical margins, labor costs and distribution costs will be added to this assessed cost to arrive at the total installed cost to consumer excluding the standard installation labor costs and any Goods and Services Tax (GST).

The cost of any renewable generation source incorporated as part of the design will be considered in determining the total cost to the extent that it is required to achieve the stated 5X lower climate impact i.e. the total installed cost of the solution including the appropriate proportion of renewable source cost must be no more than 2X the cost of the baseline AC unit.

The baseline AC unit’s cost to the consumer provided below should be used by the participants for the purpose of determining the target cost of their prototype.
Based on the assessment of the latest market availability for the baseline room air conditioner (RAC) sold by the industry leader with the highest market share in India,\(^5\) and in anticipation of our purchase of identical units for baseline unit testing, the baseline cost is determined to be INR 36,515 or $534 based on 2018 average USD to INR currency exchange rate.

**Evaluation and Scoring Method**

Points will be awarded to the cooling technology based on assessed cost estimates. A hypothetical zero cost will receive 40 points and a five-times cost from the baseline will receive zero points. Any assessed cost figure between zero and five times of the baseline cost will be ratably converted to equivalent points. Example: A technology achieving two times (2X) the baseline cost will receive 24 points. These assessed points will be utilized to compare competing applications that exceed the stated criteria limit.

If a competing technology is not able to achieve the 2X cost limit at assessed scale but the participants can demonstrate in their application that the cooling technology brings reduced cost benefits in adjacent systems, the Technical Review Committee may decide to consider such applications as complying with the criteria and reflect the corresponding reduction in costs.

<table>
<thead>
<tr>
<th><strong>SUPPLEMENTARY CRITERIA</strong></th>
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<td><em>All the proposed solutions will have to meet the minimum threshold of performance and environment criteria mentioned below.</em></td>
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<tr>
<th><strong>Power</strong></th>
<th><strong>Solution should consume no more than 700 W of power from the grid.</strong></th>
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<td>The maximum power drawn by the solution from the electricity grid should not exceed 700 W while delivering the rated cooling capacity of 1.5 TR (5.3 kW) under standard conditions as well as over the span of lab and real-world test.</td>
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<tr>
<th><strong>Water</strong></th>
<th><strong>Should consume no more than 14 liters of water per day when averaged over a year, with a daily maximum limit of 28 liters, if any is required for operation</strong></th>
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<td>The onsite water consumption, if any is required for operation of the proposed solution, should not exceed 14 liters per day when averaged over a year with a maximum daily limit of 28 liters.</td>
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<tr>
<th><strong>Emissions</strong></th>
<th><strong>Solution should have zero onsite emissions from any captive power or heat source.</strong></th>
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The proposed solution should not combust fossil fuels onsite to generate a heating medium or electricity for operation of the unit.

### Refrigerant

**Solution should use a refrigerant that has zero Ozone Depleting Potential (ODP), is of lower toxicity (Class A) and complies with IEC 60335-2-40 or ISO 5149**

- The proposed solution should use a refrigerant that has a zero ODP in line with the Montreal Protocol.
- The proposed solution should use a lower toxicity (Class A) refrigerant as per ISO 817:2014 standard.
- The proposed solution should be capable of meeting test market regulations, or in their absence, international guidelines IEC 60335-2-40 (2018 or the latest amended version) or ISO 5149:2014 pertaining to safety and environment performance of systems using flammable refrigerants. It is preferred that the compliance to these standards is met to ensure safe operation, however, the participating team will not be disqualified in case of a non-compliance with these standards.
- In addition to the above requirements, including the GWP of the refrigerant reflected in the Climate impact calculation, the technical review committee may also take into consideration the charge quantity where materially different to that of the baseline unit.

### Scalability

**Solution should be scalable and not exceed 2X the size of the baseline AC unit.**

- The proposed solution should be usable in existing homes, rather than requiring a “designed in” engineering solution and the total volumetric size should not exceed 0.52 cubic meters i.e. twice the volumetric size of the baseline unit.
- The installation of the proposed solution should not involve any major structural/design modifications to the building envelope.
- The total volumetric size must include any dedicated renewable power generation resources that make up the proposed solution.

### Materials

**Solution should be developed with regard to minimal usage of rare earth materials and embodied carbon**

- There will be no threshold requirements in relation to embodied carbon and rare earth materials, but the Technical Review Committee will, at their discretion,
include an assessment of life cycle impact on any solution if they believe, in their judgement, that the solution includes materials with excessively high embodied carbon or rare earth materials in their final determination of suitability for progression to award.

**Solution should be designed to meet a 1.5 TR (5.3 kW) cooling load at standard outdoor conditions as specified in IS 1391 (Part 1): 2017, IS 1391 (Part 2): 2018 and ISO 16358:1 - 2013**

The solution should be able to deliver the cooling capacity of 1.5 TR (5.3 kW) under the standard test conditions of 35°C dry bulb temperature (DBT) and 24°C wet bulb temperature (WBT) as specified in IS 1391 (Part 1): 2017, IS 1391 (Part 2): 2018 and ISO 16358:1 - 2013.

**Solution should be able to maintain below 27°C dry bulb temperature (DBT) and 60% relative humidity (RH) indoor conditions under varying outdoor conditions when the outdoor air temperature is above 20°C DBT only, with the exception of the defined unmet hours allowance.**

During the Detailed Technical Application stage, the submission should demonstrate that the cooling solution is able to maintain below 27°C DBT and 60% RH indoor conditions at all times when the outdoor air temperature is above 20°C DBT only. Further, an unmet hours allowance of 3.4% of the annual hours will be provided on the operation criteria to all the participating solutions and will only be evaluated when the outdoor air temperature is above 20°C DBT.

During testing in the lab and real-world apartments (see Testing Protocol Overview below), the prototype of your cooling solution should be able to maintain below 27°C DBT and 60% RH indoor conditions when the outdoor air temperature is above 20°C DBT for the duration of the test period. The prototypes as well as the baseline unit will be operated in a continuous operation mode for all the days of the testing period to determine their energy consumption while assessing their ability to maintain the desired indoor conditions. An “unmet hours” allowance of 3.4% of the test period hours will be provided, in addition to the number of hours that the baseline unit does not achieve the desired indoor conditions of below 27°C DBT and 60% RH, and will only be evaluated when outdoor air temperature is above 20°C DBT, recognizing that the ramp up period and precision of operation of prototypes is likely to be less than that of the established baseline unit. Refer to the “Testing Protocol Overview” section below for more details.

During evaluation of the Detailed Technical Application, points obtained by a competing technology on the climate impact criteria and affordability criteria, as explained earlier, will be
used to determine the total points. For example, if the technology scores 80 points on the climate impact criteria and 24 points on the affordability criteria, the total points scored will be 104. After the evaluation of the applications, up to 10 teams will be selected as finalists based on how their submitted design ideas meet the technical criteria outlined above and the total points obtained. These 10 or fewer finalists will then be awarded up to US$ 200,000, in two tranches of US $100,000 equivalent each, for development, production and shipping (if developed outside India) two prototypes to India, where these prototypes will be tested for performance in accordance with the aforementioned primary and supplementary criteria in both lab environment and real-world apartment building in India. During evaluation of the Detailed Technical Application, if one or more supplementary criteria are not met, the Technical Review Committee will take a decision on whether or not the participant is qualified to compete in the competition.

Following the testing of prototypes, the 10 finalists will receive an updated score based on their performance against the prize criteria. The final winner will be selected with primary regard to the ranking based on the climate impact criteria combined with the affordability criteria, as determined by the technical review committee and as described under the above primary criteria. The points obtained by a competing technology on the climate impact criteria and affordability criteria, as explained earlier, will be used to determine the total points and adjust the ranking of the finalists, reflecting the Prize’s objective of identifying a solution with 5X lower climate impact at no more than 2X the cost of today’s standard AC units to consumers. During the testing stage, in case one or more supplementary criteria are not met by the competing technologies, the technical review committee will take a decision on whether or not the participant is qualified to compete in the final round.

TESTING PROTOCOL OVERVIEW
The selected finalists will use the interim prize money of US$ 200,000, disbursed in two tranches of US $100,000 equivalent each, to support the development and production of two prototypes of their cooling solution and ship it to India (if manufactured outside India) for testing purposes. The testing phase, spanning over a period from May to September 2020, will comprise of three different testing stages.

In the first stage, the prototypes will be sent to a National Accreditation Board for Testing and Calibration Laboratories (NABL) accredited lab for ISEER rating. The ISEER test will be conducted in accordance with ISO 16358-1:2013, IS 1391 (Part 1): 2017, and IS 1391 (Part 2): 2018 and will determine the prototype’s ability to deliver 1.5 TR (5.3 kW) cooling capacity under standard test conditions. The IS 1391 standard, as applicable to the testing of prototype design (example: unitary or split type), will be followed accordingly.

In the second stage, the prototypes will be tested in a lab environment for 10 days to evaluate its performance through a series of conditions simulating the range of a full year. The internal conditions will be simulated to represent a typical daily sensible and latent load profile observed in a home and external conditions will be simulated to reflect a series of typical daily profiles of warm and dry, warm and humid, hot and dry, hot and humid, and extreme conditions observed...
across India. A set of 10 daily weather profiles covering range of 16 - 44°C dry bulb temperature and 20 - 95% relative humidity will be simulated and each prototype will be operated continuously for all these 10 typical days of an up to 12 days of the test period to assess its performance. The performance aspects of the prototypes will not be evaluated for the period when the outdoor air temperature is below 20°C DBT regardless of whether the solution continues to operate or not.

In the third stage, the prototypes after the ISEER test will subsequently be installed and tested for performance in a real-world apartments in India. The apartment units leased for the competition will be representative of the apartments that are south-facing with proportionately equivalent exterior wall surface area and have typical cooling load of 1.5 TR in a hot and dry / hot and humid climate in India. Further, these apartments will be assessed to ensure that these are materially equivalent in all aspects. The performance aspects of the prototypes will not be evaluated for the period when the outdoor air temperature is below 20°C DBT regardless of whether the solution continues to operate or not.

In the second and third stage, the ability of the baseline unit and the prototypes to maintain indoor conditions below 27°C DBT and 60% RH and their performance against the technical criteria, will be compared to determine the relative performance. As noted above, the performance aspects of the baseline unit and prototypes will not be evaluated for the period when the outdoor air temperature is below 20°C DBT regardless of whether they continue to operate or not.

After the testing phase, the top 10 prototypes will receive an updated score based on their performance against the prize criteria. The final ranking to determine a winner from the 10 selected finalists will depend on the technology’s performance based on the 5X climate impact and affordability criteria.

INTELLECTUAL PROPERTY (IP)
Participants in the Global Cooling Prize (GCP) will be developing novel inventions or designs that may constitute IP that should be appropriately protected. The GCP's approach to IP is as follows:

- All participants entering the prize will do so at their risk and will be solely responsible for ensuring that they have taken appropriate steps to protect any IP that forms part of their application.
- Participants are responsible for ensuring the information they submit does not infringe on any third party IP rights. Further, if the participants are part of an organization that through its contracts of employment has IP ownership provisions for the designs developed by its employees, it is the sole responsibility of the participants to ensure that their participation in the Prize does not infringe on the IP rights of their organization.
- All participants are encouraged to review their applications with a patent attorney and submit provisional applications where appropriate.
- Participants should be aware that their applications for the GCP containing technical details of their innovations would likely constitute a public disclosure of their
invention/design, and could vitiate their ability to subsequently secure patent/design rights. It is, therefore, imperative that participants understand the risks and take all necessary steps to prevent any adverse impact of their submissions to the GCP.

- All individuals serving on the committees and councils and all third parties that have access to GCP technical participant applications and plans will be required to sign/execute confidentiality and non-disclosure agreements when accepting their role with the requisite committee or council.
- The Prize Organizers do not make any representation or warranty regarding the treatment or confidentiality of any submissions received and disclaim all responsibility for the protection of participant IP, or any consequences resulting from participant submissions.
- The Prize Organizers will not provide IP advice directly to participants but will provide access to an India patent attorney during the launch event and one webinar in 2019. Any additional support required would need to be separately procured by the participants.
- Participants selected for interim awards and subsequent prototype testing that have not secured the protection provided by a provisional patent application or granted patent will also be required to sign waiver agreements absolving the Prize Organizers from liability due to the increased exposure of technology through the real world testing process.

**PRIZE PHASING AND TIMELINE**

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<tr>
<td>• Official launch</td>
<td>• Global outreach</td>
<td>• Deadline for submitting the technical application form</td>
<td>• Technical design evaluation and finalist selection</td>
<td>• Announcing shortlisted finalists</td>
<td>• Prototype development</td>
<td>• Testing prototypes</td>
<td>• Final presentations</td>
<td>• Award ceremony</td>
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<td>• Application opens</td>
<td>• Participant recruitment</td>
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<td>• Interim awards</td>
<td>• Participant mentoring and coaching</td>
<td>• Industry events</td>
<td>• Business model development</td>
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<td>• Winner announcement</td>
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- If no technology meets the performance criteria by September 2020

- If no technology meets the performance criteria by September 2020

- Project Launch
The prize was launched on November 12, 2018 in New Delhi, India in the presence of several dignitaries around the world and calls for participation. More information on the launch can be found here.
Participant Application and Selection of Finalists
Participants must submit the first round of applications—Participant Intent to Apply form, by June 2019 to indicate their initial interest in prize participation. Following the preliminary application, participants will be required to submit a Detailed Technical Application by August 2019 including specific details on their technology design and expected performance based on the prize criteria. Sufficient data will have to be provided to assess the performance and manufacturability of the proposed design and submissions are expected to be at a technology readiness level of TRL4, or higher. Applications will be evaluated by the Technical Review Committee using the Supervisory Board-approved evaluation and scoring criteria to select finalists. The decision of the Supervisory Board in selecting the top 10 participants will be final and cannot be challenged. Finalists will be announced at an Interim Award Ceremony in November 2019.

Prototype Development and Testing
Selected finalists will be required to develop two working prototypes between November 2019 and April 2020. Finalists will then send their prototypes in May 2020 to (1) the India Testing Partners for performance evaluation in a lab simulated environment, and (2) a selected lab for ISEER testing- this second prototype will subsequently be installed in an apartment complex in India for a minimum period of one month to evaluate its performance in real-world conditions.

Participant Training and Market Interactions
Throughout the competition, Rocky Mountain Institute (RMI) will plan several participant-training and industry-mentoring activities and events for participants to learn from experts in the field. These resources aim to enhance both technical and non-technical expertise. The member organizations of the Operating Council, along with the prize partners, will continue to provide resources, webinars, and other tools for engaging and supporting participants. This support will continue in collaboration with the Technical Review Committee and the Investment and Scaling Committee.

Final Presentations, Award Ceremony and Market Scaling
Come October 2020, participants will share their technology, prototype performance, proposed business model, and route to market with the Supervisory Board, Technical Review Committee, Investment and Scaling Committee, Innovation Advisors, and Operating Council in the form of a presentation. The final winner will be announced at a day-long international award ceremony with Mission Innovation, as well as ministerial and funder presence in November 2020. The decision of the Supervisory Board in selecting the winner will be final and cannot be challenged. Following the final prize announcement, the global coalition of partners will continue providing assistance to scale the winning solution in India and across the rest of the developing world.

PRIZE MANAGEMENT STRUCTURE AND SUPPORT
The Global Cooling Prize will be led by the Supervisory Board comprised of RMI, Government of India (represented by DST, BEE and other Government partners), other Mission Innovation member governments and qualifying donors with the administrative and implementation support of the Operating Council, which is a global coalition of leading international research institutes and not-for-profit organizations, namely RMI, Conservation X Labs, Alliance for an Energy Efficient Economy (AEEE), and CEPT University.
Participant Support
A major benefit of participating in the Prize is the commitment from the GCP administrators and partners to support participants through their testing and prototyping phases, as well as helping create market demand for the long-term commercial success of the winning solution. The technology demonstration and support on the business model will provide the confidence to developing countries to move beyond incremental energy improvements in cooling equipment and support the adoption of this climate-friendly cooling solution. The GCP teams plan to work with countries that will see the largest adoption of comfort cooling, such as India, China, Indonesia, and Brazil—among others—to ensure deployment of the winning technology at scale (potentially through advance market commitments, government incentive programs supported by savings in avoided grid infrastructure, and bulk procurement programs).

Market demand coupled with government signals could catalyze the rapid commercialization required to drive down technology costs. The GCP Committees plan to work with other non-governmental organizations and multilateral agencies in order to secure commitments from other Montreal Protocol Article 5 Parties to scale this superefficient climate-friendly cooling solution. We will also be engaging the real estate development industry, other large buyers, investors, and venture capitalists to spur demand and open access to capital.

WHO SHOULD PARTICIPATE?
Global Cooling Prize invites innovators from across the globe to submit their applications online, at globalcoolingprize.org/apply. We are seeking submissions from everyone and welcome incumbent cooling technology providers, emerging innovators in space cooling and similar technologies, as well as professors, students, and researchers from universities and laboratories around the world to apply. Learn about the application deadlines here.

CONTACT US AND APPLY AT: www.globalcoolingprize.org