



Call for Solutions

INTRODUCTION

Jewish National Fund of Canada Inc. (“**JNF Canada**”) is pleased to invite teams from qualifying organizations in Israel to participate in its inaugural Climate Solutions Prize (the “**Prize**”).

The primary goal of the Prize is to help solve the climate crisis by galvanizing scientists and researchers in Israel – also known as “Start-up Nation” – to develop breakthrough climate solutions. Selected teams will use awards from the Prize to further and, in due course, publish their research.

For decades, JNF Canada has been planting trees and creating public parks, among other environmental projects in Israel. Because of its historical and organizational DNA, JNF Canada is uniquely positioned to lead this initiative, which will build on its existing work while making an even greater impact.

JNF Canada is also excited to be joined by other leading organizations and individuals to bring the Prize to fruition. This group includes Keren Kayemeth Le’Israel-Jewish National Fund (“**KKL-JNF**”), the Peres Centre for Peace and Innovation (the “**Peres Center**”), and Start-Up Nation Central (“**SNC**”).

This Call for Solutions (“**Call**”), together with the terms and conditions located www.climatesolutionsprize.com (the “**Terms and Conditions**”) and other applicable terms referenced herein or therein, govern the participation of qualifying teams in the Prize. JNF Canada suggests that you review these documents carefully before registering for the Prize.

To contact JNF Canada for further information about the Prize, please contact info@climatesolutionsprize.com.

January 7, 2022

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1. Objectives and Consequences of the Prize

- 1.1 Spurring increased funding and investment in innovation in Israel to solve the climate crisis through breakthrough solutions that will decrease carbon emissions and/or increase carbon sequestration.
- 1.2 Promoting the best ideas to speed the process of implementing the global and practical solutions that will most reduce climate change.
- 1.3 Being a source of pride for the people of Israel and around the world showing that the Jewish nation is working to be a leading source of solutions in their number one area of concern – climate change – by executing our mission of literal *Tikkun Olam*, repairing the world.
- 1.4 Positively impacting Israel's economy and global image by being a leading source of impactful solutions for the world's most pressing issue.

2. The Prize

The total funding envelope for the Prize in 2022 is expected to be USD \$1 million. From within that envelope, grants will be awarded to no more than four (4) Teams (each, an “Award”). The amount of each Award will be determined by JNF Canada in its sole discretion based upon the amounts winning Team or Teams have requested in their Submissions to advance their research. If the amounts requested by the winning Team or Teams in their Submissions collectively exceed the amount of the funding envelope, the amount of an Award may be less than the amount requested. The receipt of an Award is conditional upon full compliance with this Call and the Terms and Conditions, including, but not limited, the winning Team or Teams executing an award agreement with JNF Canada that includes commitments to continue to advance and publish research on the solution (as more particularly described below and in the Terms and Conditions).

As of the date of this Call, it is anticipated that the Prize will be awarded in October, 2022. The precise date will be set forth on the Climate Solutions Prize website in a separate FAQ.

3. Eligibility – Proposed Solution

- 3.1 To be eligible for consideration, the climate solution proposed by a Team must focus on one or more of the following areas:
 - (a) innovations to reduce greenhouse gas emissions (i.e., carbon dioxide (CO₂) and methane (CH₄));

CLIMATE SOLUTIONS PRIZE

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- (b) innovations to improve energy efficiency, renewable energy, and/or energy storage; and/or
- (c) innovations to increase carbon sequestration, whether by forests or other natural systems or innovations in artificial carbon sequestration.

3.2 In addition:

- (a) the solution's proof of concept must have been validated;
- (b) the solution must be in or entering its developmental stage; or
- (c) the solution must be on the verge of being ready for commercialization.

3.3 Each Team may only propose one climate solution. As more particularly described below, a Team will propose its solution in an initial application (each, a “**Initial Submission**”), and if it is selected to participate in a subsequent round of the Prize competition, in a detailed application together with a recorded video “pitch” (each, a “**Detailed Submission**”). After reviewing the Detailed Submissions, certain Teams will be selected to participate in interviews with the International Prize Jury. For purposes of this Call and the Terms and Conditions, the Initial Submission, Detailed Submission, and any interviews are collectively referred to as a “**Submission**” and the contents of a Submission as the “**Submission Materials**”.

4. Eligibility - Teams

4.1 Awards will be made to Teams from Qualifying Organizations only. For purposes of this Call and the Terms and Conditions, “**Qualifying Organizations**” consist of:

- (a) recognized institutions of higher education in Israel, within the meaning of the Council for Higher Education Law, 1958, that deal with research or development;
- (b) Israeli research Institutions recognized by the (Israel) National Science Foundation (see <https://www.isf.org.il/#/research-institutions>);
- (c) non-profit research institutes in Israel (such as hospitals, regional research and development centres, and non-profit environmental organizations that appear under the Israeli umbrella organization of green bodies, etc.); or
- (d) Israeli non-profit incubators legally affiliated with one or more of the foregoing organizations.

CLIMATE SOLUTIONS PRIZE

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- 4.2 In order to participate in the Prize, a Qualifying Organization must register a team through the Climate Solutions Prize website (each, a “**Team**”) during the Prize registration period set forth in the FAQ. For greater certainty, references in this Call or Terms and Conditions to a “**Team**” are to be construed as references to the Qualifying Organization (i.e., the legal entity) that registered the Team. A Qualifying Organization may register more than one Team, provided at least half of the members do not overlap with any other Team. If a Qualifying Organization registers a Team where less than half of the members overlap with another Team, the Team that registered first will be allowed to continue and the Team that registered second will be disqualified.
- 4.3 The Team registration must be completed by a “**Team Leader**” who: (a) is an Israeli employed by or appointed at the Qualifying Organization; (b) has the authority and permission from the Qualifying Organization to participate in the Prize on behalf of the Qualifying Organization; (c) has the authority to legally bind the Qualifying Organization to this Call, Terms and Conditions and any other required documentation contemplated in this Call and Terms and Conditions; and (d) is expected to be the individual leading the proposed research activities at the Qualifying Organization throughout the term of the award agreement. If a Team Leader ceases to meet the criteria described in subparagraphs (a), (b), and (c) at any time during the Prize competition (e.g., because they have moved to another institution), the Team will be provided with a reasonable opportunity to designate a new Team Leader who meets the foregoing criteria.
- 4.4 A Team may be comprised of experts and members who are not employed by or appointed at the Qualifying Organization that registered the Team, provided at least one (1) member of the Team (the Team Leader) is employed by or appointed at a Qualifying Organization and based in Israel.
- 4.5 As part of the registration process, Teams will need to disclose the names, contact information and employers of the Team members. All Team members must (a) be above the age of majority, and (b) agree in writing to abide by this Call and Terms and Conditions in the form of acknowledgement made available by JNF Canada (each, a “**Team Member Acknowledgement**”) as part of the registration process. Team Leaders will be responsible for ensuring that all Team members have agreed to and submitted the Team Member Acknowledgement and for communicating with and receiving communications from JNF Canada.
- 4.6 Please review the Terms and Conditions for other details about Teams.

CLIMATE SOLUTIONS PRIZE

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5. Competition Phases

In accordance with the timelines and any supplementary information to be published in the FAQ, the Prize competition will take place in the following phases:

- 5.1 Eligible Teams will submit an Initial Submission through the Climate Solutions Prize website that describes the proposed solution in English. The total length of the Initial Submission may not exceed 800 words. Each Initial Submission will include an abstract of the proposed climate solution that JNF Canada can make public. In developing their Initial Submissions, Teams are advised to consider the evaluation criteria set forth in section 6 below that will be used to evaluate their Submissions.
- 5.2 All valid Initial Submissions will be reviewed by a Scientific Evaluation Committee composed of experts nominated by JNF Canada, KKL-JNF and the Peres Center and appointed by JNF Canada. The Committee will determine the top 25 Initial Submissions based upon the criteria set forth in section 6 below. All Teams are advised to consider those criteria in developing their Submissions. All decisions made by the Committee regarding the top 25 Initial Submissions are not subject to review, challenge or appeal.
- 5.3 The Teams that submitted the top 25 Initial Submissions will each be invited to submit a Detailed Submission, not exceeding 10 A4 pages, with Times New Roman or David 11 or 12 fonts and with 1.5 spacing, and a recorded video “pitch”. The Detailed Submissions will be submitted in English, and will include the following elements:
 - (a) a general description of the proposed solution that JNF Canada can make public;
 - (b) a description of the working plan for the proposed research and development including:
 - (i) background information, including a description of the current situation and knowledge, applicable experience of the Team and its capacity to bring the project to implementation;
 - (ii) a description of the method and/or the technology;
 - (iii) a working plan and development schedules, minimum one (1) year and maximum three (3) years;

CLIMATE SOLUTIONS PRIZE

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- (iv) measuring tools for success, including specific estimates of annual tons of greenhouse gases either sequestered or removed from production with calculations of cost per ton related to other market solutions;
 - (v) the importance of development and innovation in the specific field and in general; and
 - (vi) budget details (in USD) according to the working plan divided to years, description, with explanation of how the Award would be spent. The total budget must not exceed USD \$1 million, including financing from other sources, with budgeted use of the Award distributed over no less than one (1) year and no more than three (3) years;
 - (vii) a description of any initial development and early results, if any; and
 - (viii) financing from other sources, if any; and
- (c) a recorded video “pitch” of no more than five (5) minutes that JNF Canada can make public.
- 5.4 An Enhanced Evaluation Committee, to be appointed by JNF Canada, will review the Detailed Submissions against the evaluation criteria set forth in section 6 below. The Enhanced Evaluation Committee will determine the top 10 Submissions, and will refer those Submissions to the International Prize Jury. All decisions made by the Enhanced Evaluation Committee regarding the top 10 Submissions are not subject to review, challenge or appeal.
- 5.5 The International Prize Jury, comprised of a JNF Canada representative, the Chief Scientist of KKL-JNF, world-renowned scientists, and businesspeople in relevant fields (including renewable energy, carbon sequestration and venture capital), as appointed by JNF Canada, will then select up to four (4) Teams to receive an Award based upon the evaluation criteria set forth in section 6 below and their assessment of the virtual interviews described below. All decisions made by the International Prize Jury regarding the winning Team or Teams are not subject to review, challenge or appeal.
- 5.6 Before determining the winning Team or Teams, the remaining ten (10) Teams will be asked to take part in virtual interviews where they will have an allocated time frame to pitch their product or service to the International Prize Jury. JNF Canada may make these interviews public, in whole or in part.

CLIMATE SOLUTIONS PRIZE

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5.7 The winning Team(s) will be made public, and the Awards will be made at an award ceremony and GreenTech innovation event (however it may be titled) that the winning Team(s) must attend as a condition of receiving an Award.

5.8 Please review the Terms and Conditions for other details about the Awards.

6. Evaluation Criteria

The following criteria will be used by the Scientific Evaluation Committee, Enhanced Evaluation Committee, and International Prize Jury, in evaluating Submissions:

6.1 To be considered, all Submissions must conform with the requirements of this Call and the Terms and Conditions.

6.2 The Submissions will be judged and scored according to the following criteria:

Criteria	Breakdown of Scoring
Amount of expected impact, in terms of tons of greenhouse gases, with focus on ability to scale and deploy the solution in a timely manner	30%
Level of innovation and breakthrough	20%
The ability to develop and implement the solution in Israel	15%
The cost-effective ratio of the proposal to ensure affordability in implementation	15%
Ability to execute and meet project schedules and budgets	10%
Quality of submission	10%
Total Scoring	100%

6.3 The chances of being selected depend upon the number of Teams and the calibre of the eligible Submissions that are submitted and received by JNF Canada. Judging and scoring is scheduled to take place in accordance with the schedule set forth in the FAQ.

7. Funding Partners

Note: Additional partners/internal collaborators, including from industry and the private sector, may join this funding initiative over the coming year.

CLIMATE SOLUTIONS PRIZE

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7.1 JNF Canada

For decades JNF Canada has cared for the land of Israel. This mission took the role of planting trees, building water reservoirs, preserving natural habitats, and building parks and bicycle trails.

More recently, JNF Canada has taken on projects to build the social infrastructure of the land of Israel for the benefit of the People of Israel. We collaborate with a variety of important institutions and organizations in Israel to build social service infrastructure to benefit vulnerable populations such as youth-at-risk, victims of domestic abuse, children with special needs, veterans, and the poor.

JNF Canada directs its donations to where they are needed most. By supporting JNF Canada, our donors directly support vital projects that transform the lives of Israeli citizens in every corner of the country and beyond.

7.2 KKL-JNF

From its inception 120 years ago, Keren Kayemeth Le'Israel - Jewish National Fund (KKL-JNF) has led the quest for protecting nature and the environment throughout Israel. Recognized by the United Nations as the largest environmental Non-Governmental Organization in the Middle East, KKL-JNF's work in Israel, concentrates in the fields of forestry, water conservation, environment and sustainability, education, research and development. As Israel's leading green organization, KKL-JNF combats climate change via increasing public awareness, supporting research on sustainable development and carbon sequestration, and most importantly, by conserving Israel's forests.

8. Contact Us

8.1 If you have comments or questions about the Prize, please send us an email at info@climatesolutionsprize.com

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