

Frontiers Planet Prize 3rd Edition

Mobilizing science for a
global green renaissance



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What is the Frontiers Planet Prize

The Earth's system is rapidly approaching and, in some cases, exceeding its planetary boundaries. There is a broad consensus amongst scientists that human activities are the cause and that time needed to protect and restore planetary health is slipping away.

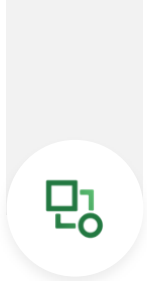
The Frontiers Planet Prize has the simple but significant ambition to directly address the planetary crisis, by mobilizing the scientific community engaged in breakthrough research, with the greatest potential to stabilize the planet's ecosystem.

The Frontiers Planet Prize is awarded to the best research that focuses on advancing insights, approaches, and scalable solutions to navigate a world that develops within the safe operating space of the 9 planetary boundaries. These boundaries represent a framework that quantifies the limits of our earth system, and is detailed by Professor Johan Rockström, Co-Chairman of the [Earth Commission](#), and [Owen Gaffney](#), in their book and documentary on [Breaking Boundaries](#).

Launched on Earth Day 2022, the first edition engaged 233 institutions, 13 national academies of science, and the [Jury of 100](#), who worked independently in nominating and recognizing [20 National Champions](#), and [4 International Champions](#). The latter were awarded CHF 3 million in prizes, to accelerate their research. On Earth Day 2023, the second edition of the prize was launched, doubling engagement with [475 registered institutions](#), supported by [20 national academies](#).

Earth Day 2024, marks the launch of the third edition of the prize, with the same mission: to recognize, encourage, and reward exceptional scientists whose work contributes to help navigate and secure humanity's future in the Anthropocene.





How the competition works

The Frontiers Planet Prize aims to combat the planetary crisis at a global level by fostering a passionate competition between scientists, universities, and nations to fund and develop science that provides real solutions to the global environmental threats we face.

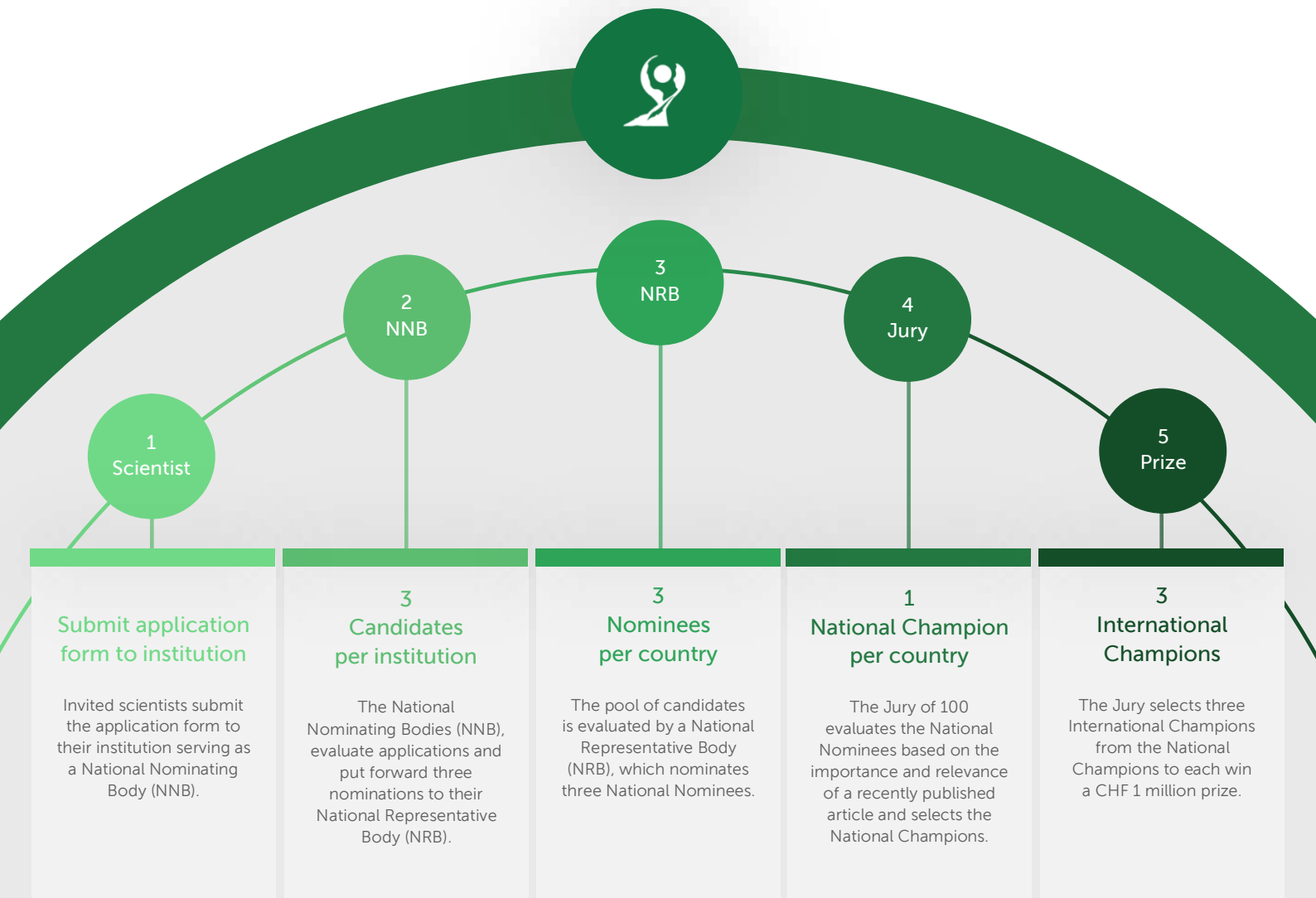
Institutions acting as National Nominating Bodies for the Frontiers Planet Prize will reach out to **the lead scientists** of the most promising research articles and invite them to apply via filling out an application form to enter the competition. Your National Nominating Body will reach out and set a deadline for when they expect to receive all applications.

From the applications received, the National Nominating Body will select and forward its top three candidates to the national academic institution serving as its National Representative Body (NRB). The deadline for NNs to submit their nominations to their NRB is 1st November 2024.

From this pool of candidates, the National Representative Body will select three National Nominees to submit to the Planet Prize Jury of 100 before December 1st.

The international Jury of 100, chaired by **Professor Johan Rockström**, will evaluate the National Nominees based on the importance and relevance of their proposed breakthrough solution or insight. The jury carries out a voting process where each participating country is eligible to be awarded a National Champion, and then from among these selected National Champions, it will vote for the International Champions to win the 2025 Frontiers Planet Prizes.

The National Champions will be announced on Earth Day 2025 (22nd April) The International Champions will be announced at the Award Ceremony in Switzerland taking place in spring.





Timeline



Now

National Nominating Bodies invite the lead scientists of the most promising research articles in their institution to apply. Applicants submit a 2-page application form to enter the competition, by the deadline set by their NNB.



Now - November

Each National Nominating Body submits 3 nominations to their country's National Representative Body.
Deadline: 1 November 2024



November - December

Each National Representative Body evaluates the nominations from their NNBs, selects 3 National Nominations and submits them to the Jury of 100.
Deadline: 1 December 2024



December - February 2025

The Jury of 100 reviews the applications and votes to select the National and International Champions.



22 April 2025

The official announcement of the National Champions is made on Earth Day.



June 2025

The official announcement of the International Champions is made during the Award Ceremony taking place in Spring.



How to enter the competition

Eligibility

The Frontiers Planet Prize will be awarded to the best research published in established peer-reviewed scientific journals, with robust peer review and transparent publication procedures. The acceptance date of the article must fall within the 2 years prior to the launch of the competition (date of acceptance: 1 November 2022 to 31 October 2024).

The CHF 1 million prize will be given to the host institution of the winning researcher by the Frontiers Research Foundation, to accelerate the scientist's breakthrough research.

In cases where the winning research is conducted by a group of scientists, the prize will be awarded to the lead scientist of the study, as determined, and put forward by their National Nominating Body. The Frontiers Research Foundation will then acknowledge the team of researchers at later stages.

Winners must be scientists actively conducting planetary boundary and earth system research under the management of an established government or corporate research institution.

Note that the Frontiers Planet Prize does not guarantee a National Champion from each participating country. This decision, along with the selection process, is managed independently by the Jury of 100

Scientific criteria

The prize welcomes research across all disciplines, including social sciences, on condition it is focused on planetary boundary science and offers new insights that help to reduce the destabilization of the Earth system.

Scientific excellence is the default principle to participate in the Frontiers Planet Prize. The Frontiers Planet Prize accepts articles published in scientific journals from all around the world with robust peer review and transparent publication procedures. We welcome breakthrough science across all disciplines on condition it is focused on Planetary Boundaries and presents original research findings or insightful reviews and syntheses.

For contributions to be considered for the Frontiers Planet Prize, the following criteria must be met (recognizing that each may be fulfilled to varying degrees):



The research outlines systemic solutions or pathways that can be implemented in policies, adapted commercially, or otherwise contribute to keep global development within Planetary Boundaries.



The research advances the scientific understanding and quantification of Planetary Boundaries. It explores how Planetary Boundaries are affected or impact life support systems/the Earth system or investigates the implications of adopting Planetary Boundaries thinking across different disciplines, sectors and activities/applications.



The research must connect to several Planetary Boundaries at the Earth system scale. Research that explores interactions/relations between multiple Planetary Boundaries will be prioritized.

If you have been invited to apply and you are interested to enter the competition, please put forward your work by filling in the application form, attaching a PDF of your research article, and returning it to your institution.

The deadline for submission will be communicated by your National Nominating Body, but there will be a rolling evaluation of applications and it is recommended you apply as soon as possible

Please talk to your host institution for more information.

<p>Fill in the application form</p> 	<p>Attach the PDF of your research article</p> 	<p>Return to your institution</p> 
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