Frontiers Planet Prize
Science for a Sustainable Planet
<table>
<thead>
<tr>
<th></th>
<th>Table of contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Scientific Solutions for healthy lives on a healthy planet</td>
</tr>
<tr>
<td>2</td>
<td>Our Network</td>
</tr>
<tr>
<td>3</td>
<td>The Process</td>
</tr>
<tr>
<td>4</td>
<td>Your role</td>
</tr>
<tr>
<td>5</td>
<td>Jury</td>
</tr>
<tr>
<td>6</td>
<td>Q&amp;A</td>
</tr>
</tbody>
</table>
Scientific Solutions for healthy lives on a healthy planet
The Frontiers Planetary prize is a world-wide competition that accelerates scientific breakthrough in sustainability science.

In 2023 we will award national champions and 3 global prizes worth CHF 3 million in total with plans to expand the program next year.

Awarded to the world’s most innovative sustainability scientists able to offer disruptive solutions that are globally scalable.

The foundation facilitates the prize, the world of science owns it.

We are confronted with an environmental crisis on a planetary scale – it is no longer business as usual.

We need to create scientific solutions that will help humanity remain within the nine planetary boundaries.
Why is the prize needed?

What are the issues it will address?

**PLANETARY BOUNDARIES**
we need to stay within these or risk catastrophe

**SAVING THE PLANT**
innovation, policy, business model, individual choices
2 Who are the stakeholders?
The First Edition of the Prize covers almost all of world’s scientific production.
## Mechanics

### An “Olympic” Nobel Prize

- **Foundation**
- **NNBs** - National Nominating Body
- **NRBs** - National Representative Body
- **Jury of 100**
- **Frontiers Forum**

- Invites NNBS and NRBS
Mechanics
An “Olympic” Nobel Prize

- Invites NNBs and NRBs
- Leading academic institutions in each country register on the FPP website to become a National Nominating Body (NNB).
- NNBs submit their nominations to their NRB.

<table>
<thead>
<tr>
<th>Foundation</th>
<th>NNBs</th>
<th>NRBs</th>
<th>Jury of 100</th>
<th>Frontiers Forum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>National Nominating Body</td>
<td>National Representative Body</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Mechanics
An “Olympic” Nobel Prize

Foundation
- Invites NNBs and NRBs

NNBs
National Nominating Body
- Leading academic institutions in each country register on the FPP website to become a National Nominating Body (NNB).
- NNBs submit their nominations to their NRB.

NRBs
National Representative Body
- The National Academies within each country collects the nominations made by the NNBs.
- The NRB in each country selects 3 of the nominees to submit to the Jury of 100.

Jury of 100

Frontiers Forum
Mechanics
An “Olympic” Nobel Prize

- Invites NNBs and NRBs
- Leading academic institutions in each country register on the FPP website to become a National Nominating Body (NNB).
- NNBs submit their nominations to their NRB.
- The National Academies within each country collects the nominations made by the NNBs.
- The NRB in each country selects 3 of the nominees to submit to the Jury of 100.
- A Jury of leading sustainability scientists, chaired by Johan Rockström, evaluates the nominated national champions from each participating country.
- Decide on one National Champion for each country
- Decide on the three International Champions
### Mechanics
**An “Olympic” Nobel Prize**

<table>
<thead>
<tr>
<th>Foundation</th>
<th>NN Bs National Nominating Body</th>
<th>N RBs National Representative Body</th>
<th>Jury of 100</th>
<th>Frontiers Forum</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Invites NN Bs and NRB s</td>
<td>• Leading academic institutions in each country register on the FPP website to become a National Nominating Body (NNB).</td>
<td>• The National Academies within each country collects the nominations made by the NNBs.</td>
<td>• A Jury of leading sustainability scientists, chaired by Johan Rockström, evaluates the nominated national champions from each participating country.</td>
<td>• The 3 International Champions are awarded the Frontiers Planet Prize of CHF 1M each at the Frontiers Forum</td>
</tr>
<tr>
<td></td>
<td>• NN Bs submit their nominations to their NRB.</td>
<td>• The NRB in each country selects 3 of the nominees to submit to the Jury of 100.</td>
<td>• Decide on one National Champion for each country</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Decide on the three International Champions</td>
<td></td>
</tr>
</tbody>
</table>
2022 Advisory Board

Peter Gluckman
Naoko Iishi
Pamela Matson
Wendy Broadgate
Felix Dapare Dakora
3. What is the process?
The Planet Prize wants to honour

- Solutions that address prevention, mitigation or reversal, with the potential for measurable global impact.

- Breakthrough science that advances our understanding of the planetary boundaries.

- Research to have been completed, peer reviewed and published within the two years prior to the award.

- Only scientists who are affiliated with a government or corporate research institute.
Timeline

Registration
The NNBs, NRBs and Jury register with the Frontiers Planet Prize

Application
NNB reaches out to its most promising sustainability scientists and invites them to apply

NNB Shortlist
Each NNB submits 3 Nominations to their NRB

NRB Shortlist
Each NRB submits 3 National Nominations to the Jury

Review
The Jury reviews the applications and votes to select the Champions

Announcement
The National Champions are announced publicly

Champions
The 3 International Champions are announced publicly on Earth Day

Ceremony
The Award ceremony takes place in Switzerland

July – September
September – October
November – December
15 December
January – March
24 February
22 April
27 April
How can we **support** you?

1. Listing of your institution on the dedicated Prize website and general communications where necessary.

2. Access to standardized information about the prize that you may want to use to communicate with your community (toolkit).

3. Invitation to the awards ceremony in Switzerland next year if one of the National or International Champions selected is from your Institution.

4. Proactive involvement in the global sustainability community of leading scientists, industry leaders, and policy makers that emerge from this competition.
Communication toolkit

- Written communication, including Application form
- Graphics
- Social media
- NNB resources
Frontiers Forum and Awards Ceremony
3 Who are the Jury?
Chair of the Jury

• The world’s leading sustainability scientists chaired by Professor Johan Rockström

• Chairman of the Jury Role: In charge of the voting process for both the national champion for each country represented and the three international champions

• Jury of 100: Covers the full spectrum of scientific backgrounds that are needed to judge the global impact of each scientific discovery, within sustainability.

The Jury works completely independently from the nominating bodies, and the foundation, and values a process that is rigorous, equitable and transparent.*

*the key criteria for evaluation and selection is published on the Planet Prize website.
Why this prize is relevant

- We need to push the boundaries of science in order not to push the boundaries of the planet
- We need to mobilize the best scientists from the globe, each country must put forward their best scientists
- Being part of this competition, will lead to major international recognition and greater collaborations to scale up and deploy these solutions.

The future is in your hands, let’s trigger a global race for a Green Renaissance
The foundation facilities the prize, the world of science owns it

Prof Dr Jean-Claude Burgelman
Director
jean-claude.burgelman@frontiersplanetprize.org

Dr Gilbert De Gregorio
Head of Partnerships
gilbert.degregorio@frontiersplanetprize.org
3 FAQ
## FAQ

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>What criteria must the selected scientist fulfil?</td>
<td>All research must offer solutions that address at least one planetary boundary, with the potential for measurable global impact. The research must have been completed, peer reviewed, and published within the two years and only scientists who are affiliated with a government or corporate research institute are eligible.</td>
</tr>
<tr>
<td>Can any research institution be an NNB?</td>
<td>No, only select institutions invited by the Frontiers Planet Prize team. If you have a scientist who is not from your institution who wants to submit their nomination, please get in touch with the Frontiers Planet Prize team.</td>
</tr>
<tr>
<td>Can an NNB submit nominations to the Frontiers Foundation?</td>
<td>No. The NNB’s role is to encourage nominations from their communities, and submit these to their relevant NRB.</td>
</tr>
<tr>
<td>How do I contact the National Representative Body (NRB)?</td>
<td>Details will be shared in the coming weeks.</td>
</tr>
<tr>
<td>Do the winning scientists get the money?</td>
<td>No. the award money goes to the research institution.</td>
</tr>
<tr>
<td>Are there any conditions attached to the prize money?</td>
<td>Yes. It must be used to support winning research only, university managed, no overheads.</td>
</tr>
</tbody>
</table>
FAQ

I am the dean of faculty but also I have a research group, I think they should be selected. Can I put them forward or would this be considered a conflict of interest?

Yes, any scientist related to your institution can be invited to apply for the prize and selected to enter the competition.

If a researcher published in my institution but has now moved, can I put them forward as a nomination?

No, you can only put forward candidates who were affiliated at your institution on 31st October. You are welcome to encourage them to reach out to their NNB should the institution be participating.

I know of a group that is currently working on an advancing technology but patents rather than publishes. Nothing has been published in the past 2 years, can I put them forward?

We only accept nominations based on a publication made in the prior two years. In this instance, we advise the scientist to re-apply next year once they have a publication.

What will the jury be looking for, in their selection of international and national winners?

The jury will be evaluating the final nominations based on research quality, novelty, and potential for scalability. Note that all evaluation processes are managed independently from the Frontiers Foundation.

If the money goes to the research institution and not to the scientist, how can we know that this money will be used specifically for that research, and not spent by the institution on other projects?

A contract between the FPP and the University will be signed, stipulating how the funds can be used.

Can a single author be nominated among equal co-authors for a distinct contribution in the publication?

Each nomination is based on one peer-reviewed publication, and not on the contribution of a one single author to a publication. For articles where there is equal co-authorship, one researcher should include their details on the application form and clearly list the co-authors, also highlighting their level of contribution if desired.
FAQ

Can multiple people be nominated by different universities for distinct contributions reflected in a single publication?

NNBs are welcome to put forward any publication where the lead author(s) are researchers affiliated at their institution at the time of application.

Who is my National Representative Body?

We are in the process of recruiting a dedicated NRB for each country. Further details will be released shortly.

Are academic books eligible and qualify as a scientific publication?

Scholarly books are eligible and can be considered as scientific publication, should the content (or proposal) have undergone peer review prior to its publication. In this instance, the 2 year publication window still holds. Please include any supporting information which would allow a thorough but timely evaluation be included in the free text boxes of the application form.