

2022 Honda Prize Nomination Guide



HONDA FOUNDATION

公益財団法人 本田財団

“I reached where I am now just through technology. If we really can solve problems with technology, then I definitely want to be of some use.”

(Soichiro Honda, the founder of Honda Motor Company)



Honda Foundation was established in December 1977 by donations from the founder of Honda Motor Company, Soichiro Honda, and his younger brother, Benjiro.

Funding Prospectus



- **Modern society has been achieving great prosperity**, thanks to sustained high economic growth that has been made possible through various technological innovations in production, traffic, transportation, telecommunications and other activities. **We are experiencing revolutionary changes** in our way of life, and in our changing lifestyles we have also expanded our horizons.
- **This achievement has had negative effects too:** environmental destruction, pollution, urban density, food shortages due to the population explosion, the growing consciousness gap between nations, races and religions plus a number of other deep-rooted, complex issues.
- Various research and efforts have been made to resolve these problems. Each of them, however, is a kaleidoscopic reflection of different elements of modern civilization, and thus **requires a completely new approach in the search for a resolution.**
- A makeshift resolution serves no purpose. Wisdom and effort must be pooled on an **international level**, and **through an interdisciplinary approach to the analysis of modern civilization**, the results can be used to promote human welfare and happiness. In this way **we must strive to create a higher level of humane society.**
- In order to provide the opportunity for scholars, researchers and specialists **from all walks of life**, irrespective of nationality, **to meet together and freely discuss** the present state and the future of our civilization, the HONDA FOUNDATION sponsors **international symposia and colloquia**, and offers **prizes and awards for the promotion of research, education and other such activities**, and also carries on its own studies and research, making use of the **achievements of modern civilization**, the FOUNDATION was established with such objectives in mind, and by extending its own activities to fulfill the requirements of the modern age, **it contributes towards the creation of a truly humane civilization.**

Prosperity



Negative effect



**Requires a completely new approach
in the search for a resolution**



Creation of a truly humane civilization

**Requires a completely new approach
in the search for a resolution**

Ecotechnology

**Natural
Environment**

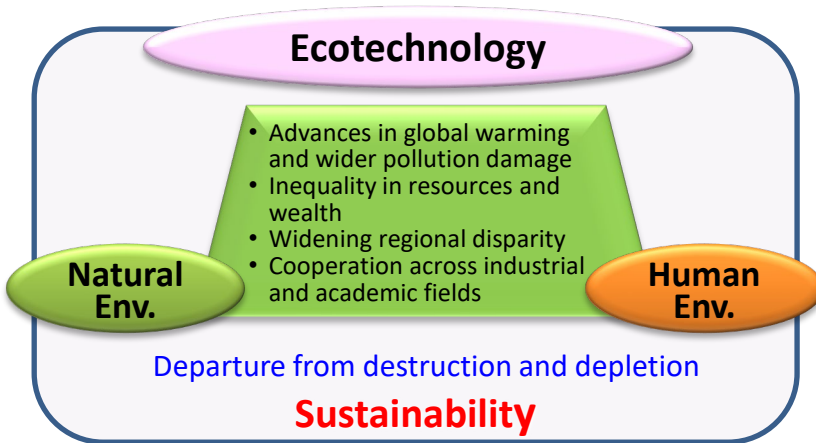
**Human
Environment**

- **Harmonize human activities with the natural environment**
- **Develop science and technology in harmony with human environment**
- **Science and technology for the welfare of human beings**

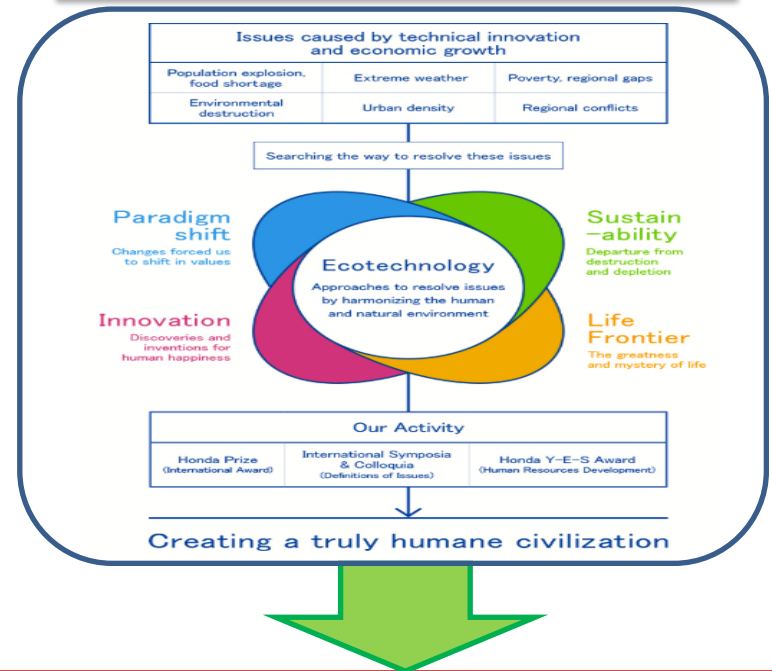
Ecotechnology (in detail)



Narrow Meaning



Broader Meaning



Past Laureates in broader fields of Ecotechnology



1994
Dr. Benoit B. Mandelbrot (France)
Lifelong work on the Fractal Geometry

Paradigm Shift



1985
Dr. Carl Sagan (U.S.A.)
Novel perception of human civilization

Sustainability



2006
Dr. Richard R. Nelson (U.S.A.)
Evolutionary Theory of Economic Change

Innovation



1991
Dr. Monkombu S. Swaminathan (India)
Leading role in the Green Revolution

Life Frontier

Four Perspectives of Ecotechnology



Issues of society

- Powerful influence of science and technology
- Social responsibility linked to commercialization
- Growth in diversity and complexity of issues
- Bias toward pursuit of profit

- Advances in global warming and wider pollution damage
- Inequality in resources and wealth
- Widening regional disparity
- Cooperation across industrial and academic fields

- Technological advancement with no heed to mankind
- Curiosity toward unknown materials and technologies
- Technology without a sense of reality
- Mankind led by the nose by science and technology

- Ethical issues that life sciences face
- Diseases spreading on a global scale
- Explosive population growth
- The individual approach to science and technology

Ecotechnology

Paradigm Shift

Changes forced us to shift in values

Sustainability

Departure from destruction and depletion

Innovation

Discoveries and inventions for human happiness

Life Frontier

The greatness and mystery of life

Objective

Creation of truly humane civilization

Creation of Truly Humane Civilization

★Honda Prize

Recognition of persons practicing ecotechnology in “creation of a truly humane civilization” and support for their efforts

★International Symposia/Colloquia

Deliberations and creation of ideas to resolve various issues in modern society

★Y-E-S Program
Honda Young Engineer & Scientist's Award Program

Continuous stimulation and practice through each activity

Identification and development of young researchers and scientists to lead forthcoming generations in practicing ecotechnology

Contribute to the development of science and technology and society along the vision of “ecotechnology” through activities at various level

Honda Prize

Recognition of the efforts of an individual or group who contribute towards “the creation of a truly humane civilization” to introduce their values across the world.



- Since 1980
- Acknowledgement of the efforts of an individual or group who contributes to the development of science and technology and society along the vision of “ecotechnology”.
- Not only scientific and technological achievements, but also entire processes to bring out, apply, or share new frontiers to be considered

<Award>

Diploma



Medal



Supplementary Prize:
Ten million yen

Past laureates and their achievements



1992
Dr. Hermann Haken
(Germany)
Suggestion of
Synergetics



1994
Dr. Benoit B. Mandelbrot
(France)
Lifelong work on the
Fractal Geometry

Paradigm shift



1985
Dr. Carl Sagan
(U.S.A.)
Novel perception of
human civilization



2002
Dr. Barry John Cooper
(U.K.)
Development of three-
way catalyst

Sustainability



2000
Dr. Shuji Nakamura
(Japan)
Development of Blue
LED



2006
Dr. Richard R. Nelson
(U.S.A.)
Evolutionary Theory of
Economic Change

Innovation



1991
Dr. Monkombu S.
Swaminathan (India)
Leading role in the
Green Revolution



2012
Dr. Denis Le Bihan
(France)
Water diffusion
measurement by MRI

Life Frontier

1. Eligibility

- An individual or a group, irrespective of nationality, who has achieved distinguished contribution toward the development of science and technology and society along the vision of “ecotechnology”
- Achievements should be not only narrow scientific / technological new discoveries and inventions but also be served to the improvement of people’s lives around the world from the view point of entire processes that would bring out, apply, or share solution for facing problems
- Target fields include the broad range of related scientific fields such as mechanical /electronic/space engineering, chemical, physics, bioscience, agriculture, economics and medicine. It also includes an individual / a group in interdisciplinary research areas

Note: Self-nomination cannot be accepted

2. How to Nominate

- Complete the nomination form that was mailed or e-mailed by Honda Foundation.
 - Title of Achievements: Give a title that describes achievements briefly
 - Summary of Achievements: Explain what kind of facing problems a nominee solved
 - Utilized ecotechnology: Mark perspectives of ecotechnology (Paradigm shift, Sustainability, Innovation, or Life frontier) introduced in page 6 which is applicable to nominee’s achievements. Multiple choice allowed.
 - Details of contribution toward the development of science and technology and society along the vision of “ecotechnology” : Explain in detail what kind of contribution a nominee brought toward “Creation of truly humane civilization”
 - Contributions by each stage: Choose more than one stage from “Invention/ Discovery”, “Application / Development”, and “Prevalence at General Level” which applicable to nominee’s achievements contribute then describe how in detail.
- Do not add extra page (First page can be added in case of nominating a group)
- Reference materials to support understanding can be accepted but should be less.

**Note: As this is a closed nomination, please do not post its information on open website or SNS.
Also, please refrain from contacting the candidate.**

3. Selection Procedure and Notifications

The laureate will be determined through a series of deliberations by multidisciplinary selection committee. Announcement of the laureate will be released in September.

Note: Through the whole selection procedure, we do not contact with nominees directly but contact only the laureate after the person / group is determined.

4. Contact

If you have any questions, please contact Honda Foundation:

2-6-20, Yaesu, Chuo-ku, Tokyo 104-0028 JAPAN

Tel: +81-(0)3-3274-5125 Fax: +81-(0)3-3274-5103

E-mail: h_info@hondafoundation.jp

HP: <https://www.hondafoundation.jp/en/>

Submit the nomination form **no later than March 4, 2022**
either via e-mail to h_info@hondafoundation.jp
or fax to +81-(0)3-3274-5103



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