ENI AWARD 2022

REGULATIONS

Article 1
General aspects

From 2008 Eni has been offering the Eni Award, aimed to promote and award research and technological innovation in the fields of energy and the environment.

Article 2
The Awards

With the aim to encourage a better use of conventional energy sources, to promote the gradual decarbonization of the energy system through the use of renewable sources, as well as to encourage research on environmental protection and to help new generations of researchers to emerge, each year Eni will give:

a) One Energy Frontiers Prize;
b) One Advanced Environmental Solutions Prize;
c) One Energy Transition Prize;
d) Two Young Researcher of the Year Prizes;
e) Four Debut in Research: Young Talents from Africa Prizes;
f) Three Recognition at Innovation Eni Prizes.

For more specific information about each Award and how to apply, see the *Annexes* to these Regulations.

Article 3
The Prize bodies

The following Committees are involved in granting the awards:

• the Organizing Committee, which is in charge of the Awards' supervision;
• the Initial Selection Committee has the task of collecting and presenting the applicants' submissions to the Scientific Commission;

• the Scientific Commission assesses the applicants' submissions and awards the *Energy Frontiers*, *Advanced Environmental Solutions*, *Energy Transition, Young Researcher of the Year* and the *Debut in Research: Young Talents from Africa* Prizes.
• the Eni Innovation Committee judges the Candidates and chooses the Winners of the *Recognition at Innovation Eni*.

Article 4
The Organizing Committee

The awards are managed by the Organizing Committee. Its Members are appointed by the Chief Executive Officer of Eni, who is the President of the Committee and appoints a Vice President for the ordinary operations of the Committee.
The Committee appoints a Secretary for the Eni Award who takes part in the meetings of the Committee and takes the minutes.
The Organizing Committee's headquarters are at the Eni offices in Rome.

The Organizing Committee:

• decides the guidelines for the Scientific Commission and the Eni Innovation Committee;
• approves the Regulations and any changes to them;
• chooses the Members of the Scientific Commission as well as of the Eni Innovation Committee;
• provides an Official Announcement of the Awards;
• announces the Winners of the various Prizes, as chosen by the respective Committees.

Article 5
The Initial Selection Committee

The Initial Selection Committee is composed by Members, appointed by the Vice President of the Organizing Committee as per Article 4 of these Regulations, who are chosen for their proven competence in the subjects covered by the Eni Award. The work of the Initial Selection Committee is coordinated by a Member of the Scientific Commission of the Eni Award, proposed by the Vice President of the Organizing Committee as per Article 4, who also guarantees the necessary liaison with the activities of the Scientific Commission.

The Initial Selection Committee collects the applicants' submissions received by the Scientific Secretariat for the *Energy Frontiers*, *Advanced Environmental Solutions*, *Energy Transition, Young Researcher of the Year*, *Young Researcher of the Year* and the *Debut in Research: Young Talents from Africa* Prizes and checks that they correspond to the Eni Award's Regulations and Official Announcement requirements.

Article 6
The Scientific Commission

The Scientific Commission is composed of a maximum of 27 Members, chosen by the Organizing Committee among representatives of the international scientific community.
The Scientific Commission is coordinated by one of its members, appointed by the appointed by the Chief Executive Officer of Eni.

The Coordinator of the Scientific Commission manages the assessment process for the *Energy Frontiers*, *Advanced Environmental Solutions*, *Energy Transition, Young Researcher of the Year, Young Researcher of the Year* and the *Debut in Research: Young Talents from Africa* Prizes.

The Coordinator of the Scientific Commission is not allowed to vote for the selection of the Eni Award Winners.
The Scientific Commission shall examine each application for the five Prizes according to the Regulations and Official Announcement requirements.
The Scientific Commission shall write a report for the Organizing Committee on each Prize, stating that all the proposals submitted have been duly examined and putting forward the names of the Candidates for the Prizes and the reasons for their choice.

Article 7
Eni Innovation Committee

The Eni Innovation Committee is composed by a maximum of five Members, chosen by the Organizing Committee among the Members of the Scientific Commission. It shall examine the Candidates for the *Recognition at Innovation Eni* according to the Regulations and the Announcements and shall write a report for the Organizing Committee, stating that all the proposals submitted have been duly examined and putting forward the names of the Candidates for the Award and the reasons for their choice.

Article 8
Validity of the Committee resolutions

The majority of the Members of the Organizing Committee, Scientific Commission and Eni Innovation Committee have to be present for their meetings to be considered valid.
The deliberations of the Scientific Commission for the selection of the Eni Award winners are made using voting rules established by the Commission itself and based on the *Robert's Rules of Order*.

Should any Members of any of these Committees be unable to attend meetings either in person or via teleconference, they may delegate other Members of the Committee in order to represent them.
It is not possible for any Member of a Committee to represent more than one absent Member.

Article 9
Terms of Application

Applications for the *Energy Frontiers*, *Advanced Environmental Solutions*, *Energy Transition, Young Researcher of the Year*, *Young Researcher of the Year* and the *Debut in Research: Young Talents from Africa* Prizes must be submitted according to the Official Announcement requirements which are published in English and Italian on the website: https://www.eni.com/en-IT/scientific-research/eni-award.html, by the end of June of each year.

Applications for the *Recognition at Innovation Eni* should be forwarded to the Eni Innovation Committee according to the requirements and deadlines defined in the special Official Announcement which shall be published on the above-mentioned website by June of each year.

Article 10
Prize-Giving Ceremony

An Official Prize-Giving Ceremony will be held in Rome during the second semester of the year following the publication of the Official Announcement. The *Recognition at Innovation Eni* will also be presented on that occasion and is reserved to women and men who work for Eni.

Article 11
Un-awarded Prizes

In the absence of Candidatures deserving the Prizes, the un-awarded sum may be assigned for a research project led by a scientific organization or research center, that focuses on a scientific topic chosen by the Organizing Committee.

Article 12
Regulations' changes or amendments

The Organizing Committee may make any changes or additions to the Eni Award Regulations.

Article 13
Publication of Results

The Organizing Committee may, independently or in cooperation with other groups or individuals, undertake initiatives to promote the publication, divulgation, and communication of the awarded researches, and to support scientific activities in schools, universities and in the business world.

Article 14
Scientific Secretariat Headquarters

The headquarters of the Eni Award Scientific Secretariat are at the Fondazione Eni Enrico Mattei.

Rome, 29 July 2021

The Eni Chief Executive Officer

Claudio Descalzi

Annex 1

Energy Frontiers Prize

Each year a prize consisting in a specially struck gold medal of the Italian State Mint and an indivisible sum of €200,000 (Two hundred thousand Euros) will be awarded to a researcher or group of researchers who have achieved internationally significant results in the field of renewable energy and relevant energy management and storage technologies aimed at the decarbonization of the energy systems.

The following elements will be considered in the assessment of the project:

- The scientific relevance and the research innovation level;
- The contribution to a more environmentally sustainable transition of the energy system as well as fairer and broader access to energy;
- The adequacy between technological and economical aspects
- Solutions including breakthrough technologies and digital tools - IoT, Machine learning, Big data management, etc.;
- Long-term perspective.

The results must have been achieved during the five-year period prior to the date of the annual Official Announcement, published by June of each year, where the Regulations governing participation are to be found.

Application procedure

Candidatures to the *Energy Frontiers* Prize shall compulsorily enclose the scientific publications containing the research proofs and results.

Self-candidatures are admitted.

Furthermore, it is required and mandatory for each candidate the submission of at least three reference letters in order to complete the application. A maximum amount of five reference letters will be allowed to each Candidate; of these five letters, no more than two may be sent from the same country. They have to be compulsorily written in English and to refer explicitly to the 2022 Eni Award edition; these documents should be signed by authoritative Members of the academic, scientific or business community. Please note that will be considered only those letters that will certify the scientific value, the innovation level and the potential applicability of the submitted research. Such documents have to be sent by email, fax or ordinary mail, directly to the Eni Award Scientific Secretariat, within the deadline established by the above-mentioned Announcement.

Annex 2

Advanced Environmental Solutions Prize

Each year a prize consisting in a specially struck gold medal of the Italian State Mint and an indivisible sum of €200,000 (Two hundred thousand Euros) will be awarded to a researcher or group of researchers who have achieved internationally significant results in the field of environmental stewardship, including climate change adaptation, mitigation and remediation strategies.

The following elements will be considered in the assessment of the project:

- The scientific relevance and the research innovation level;
- The contribution to a more environmentally sustainable transition of the energy system as well as fairer and broader access to energy;
- The adequacy between technological and economical aspects
- Solutions including breakthrough technologies and digital tools - IoT, Machine learning, Big data management, etc.;
- Long-term perspective.

The results must have been achieved within the five-year period prior to the date of the annual Official Announcement, published by June of each year, where the Regulations governing participation are to be found.

Application procedure

Candidatures to the *Advanced Environmental Solutions* Prize shall compulsorily enclose the scientific publications containing the research proofs and results.

Self-candidatures are admitted.

Furthermore, it is required and mandatory for each candidate the submission of at least three reference letters in order to complete the application. A maximum amount of five reference letters will be allowed to each Candidate; of these five letters, no more than two may be sent from the same country. They have to be compulsorily written in English and to refer explicitly to the 2022 Eni Award edition; these documents should be signed by authoritative Members of the academic, scientific or business community. Please note that will be considered only those letters that will certify the scientific value, the innovation level and the potential applicability of the submitted research. Such documents have to be sent by email, fax or ordinary mail, directly to the Eni Award Scientific Secretariat, within the deadline established by the above-mentioned Announcement.

Annex 3

Energy Transition Prize

Each year a prize consisting in a specially struck gold medal of the Italian State Mint and an indivisible sum of €200,000 (Two hundred thousand Euros) will be awarded to a researcher or group of researchers or the group of scientists who achieved internationally significant results in the research and development of technologies in the field of capture, utilization and sequestration of carbon dioxide as well as energy efficiency as a bridge to the decarbonization of the energy system.

The following elements will be considered in the assessment of the project:

- The scientific relevance and the research innovation level;
- The contribution to a more environmentally sustainable transition of the energy system as well as fairer and broader access to energy;
- The adequacy between technological and economical aspects
- Solutions including breakthrough technologies and digital tools - IoT, Machine learning, Big data management, etc.;
- Long-term perspective.

The results must have been achieved during the five-year period prior to the date of the annual Official Announcement, published by June of each year, where the Regulations governing participation are to be found.

Application procedure

Candidatures to the *Energy Transition* Prize shall compulsorily enclose the scientific publications containing the research proofs and results.

Self-candidatures are admitted.

Furthermore, it is required and mandatory for each candidate the submission of at least three reference letters in order to complete the application. A maximum amount of five reference letters will be allowed to each Candidate; of these five letters, no more than two may be sent from the same country. They have to be compulsorily written in English and to refer explicitly to the 2022 Eni Award edition; these documents should be signed by authoritative Members of the academic, scientific or business community. Please note that will be considered only those letters that will certify the scientific value, the innovation level and the potential applicability of the submitted research. Such documents have to be sent by email, fax or ordinary mail, directly to the Eni Award Scientific Secretariat, within the deadline established by the above-mentioned Announcement.

Annex 4

Young Researcher of the Year Prizes

Two prizes, each consisting in a specially struck gold medal of the Italian State Mint and €25,000 (Twenty-five thousand Euros), will be awarded to graduates from Italian Universities who have written a doctorate thesis on one of the following topics: action against water, air and land pollution, prevention of climate warming and pollution, rehabilitation and reuse of industrial sites; sustainable agriculture, resilient to climate change, ensuring food security and production of industrial crops, also by means of genetic improvement of species and varieties; renewable energy and energy storage; new H_2 production technologies (blue, green and turquoise H_2); capture, utilization and sequestration of carbon dioxide as well as energy efficiency as a bridge to the decarbonization of the energy system.

The theses must have been defended at an Italian University during the same year of the annual Official Announcement, or in the precedent year. The Announcement is published every year by June.

Applicants must be under thirty-two (32) years old, or celebrating their 32nd birthday in the year of publication of the above-mentioned Official Announcement.

Application procedure

Applications for the *Young Researcher of the Year* must be presented and guaranteed by Professors, Directors of Department, Faculty Deans, Chancellors of universities and polytechnic universities operating in Italy in the specific - or similar - fields for which the Prize is awarded.

Self-candidatures will not be considered.

Annex 5

Debut in Research: Young Talents from Africa Prizes

Four prizes, each consisting in a customized plaque and a scholarship for the attendance of a 3 years PhD course in a prestigious Italian university or research institute, will be awarded to students graduated in an African university and of African citizenship[1] who have written a Master degree's thesis on the following topics: action against water, air and land pollution, prevention of climate warming and pollution, rehabilitation and reuse of industrial sites; sustainable agriculture, resilient to climate change, ensuring food security and production of industrial crops, also by means of genetic improvement of species and varieties; renewable energy and energy storage; new H_2 production technologies (blue, green and turquoise H_2); capture, utilization and sequestration of carbon dioxide as well as energy efficiency as a bridge to the decarbonization of the energy system.

The theses must have been defended at an African University during the same year of the annual Official Announcement, or in the precedent year. The Announcement is published every year by June.

Applicants must be under thirty (30) years old, or celebrating their 30th birthday in the year of publication of the above-mentioned Official Announcement.

Application procedure

Applications for the *Debut in Research: Young Talents from Africa* must be presented and guaranteed by Professors, Directors of Department, Faculty Deans and Chancellors of universities and polytechnic universities, or by researchers of research institutes operating in the specific - or similar - fields for which the Prize is awarded.

Self-candidatures will not be considered.

[1] According to the list of 58 African countries contained in the *World Population Prospects: The 2019 Revision*, compiled by the United Nations: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cabo Verde, Cameroon, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire , Democratic Republic of the Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Morocco, Mozambique, Namibia, Niger, Nigeria, Réunion, Rwanda, Saint Helena, São Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Swaziland, Togo, Tunisia, Uganda, United Republic of Tanzania, Western Sahara, Zambia, Zimbabwe.

Annex 6

Recognition at Innovation Eni

Three engraved silver plaques will be awarded to Eni employees:

• for the best patent proposals in terms of potential impact of the deriving innovation - certified by experimental proofs - and protected by patent rights, submitted within the three years prior to the publication of such Official Announcement;

• for the best innovative technological solutions, provided by Eni's research, whose application in the field or in a model scale occurred in the twelve months prior to the time limit of the presentation of the Candidatures provided in the annual Official Announcement.

Application procedure

Applications for the Eni Innovation Award have to be submitted by the Candidate's supervisor who is in charge of the related technological area, within the deadline indicated in the above-mentioned Official Announcement.

It shall be published by June of every year, with all the requirements concerning the participation.