



N° 891/DCOS/EAP/2024

Alger, le 23 octobre 2024

Attn. : Madame la Rectrice/ Monsieur le Recteur de l'Université M'Hamed Bougara Boumerdès

Objet : **Concours de recherche « Eni Award 2025 »**

Madame la Rectrice/ Monsieur le Recteur,

Nous avons le plaisir de vous annoncer que votre université a été de nouveau sélectionnée pour participer au « **Eni Award 2025 - Young Talents from Africa Prize** ». Ce prix, organisé par Eni, souligne l'engagement de l'entreprise envers l'innovation scientifique et technologique dans les domaines de l'énergie. En 2024, ce prix a été remporté par un chercheur de l'École nationale polytechnique de Constantine.

Fondée en 1953, Eni est une entreprise technologique mondiale opérant dans plus de 60 pays, dont l'Algérie, où elle est présente depuis 1981. En tant qu'acteur clé du secteur énergétique, Eni contribue au développement économique et à l'innovation, tout en s'efforçant de promouvoir une transition énergétique responsable.

Dans cette optique, Eni investit dans des projets de recherche portant sur les énergies renouvelables, l'hydrogène, la capture et le stockage du carbone (CCUS), ainsi que l'économie circulaire. L'objectif est de garantir un accès efficace et durable à l'énergie, tout en contribuant à la préservation de notre planète pour les générations futures.

Pour participer, les candidats doivent être inscrits dans un programme de doctorat dans une université ou un institut de recherche algérien, et avoir au moins un an restant dans ce programme avant la soutenance de leur thèse, à la date de proclamation des lauréats par le Comité d'Organisation, prévue pour juillet 2025.

Les projets de recherche doivent s'inscrire dans les thématiques de l'Eni Award, qui couvrent un large éventail de domaines, notamment les énergies renouvelables, le stockage d'énergie, les matériaux innovants, la production d'hydrogène durable, la décarbonisation, et les solutions pour réduire les gaz à effet de serre. Les recherches doivent également être menées dans des domaines scientifiques tels que les sciences naturelles, l'ingénierie et les sciences agricoles.



eni algeria production b.v.

Les candidatures doivent être soumises d'ici le **20 décembre 2024**, accompagnées d'une lettre de soutien d'un **superviseur de doctorat** à travers le site <https://www.eni.com/en-IT/innovation-technologies/eni-award.html> ou en adressant un e-mail à l'adresse suivante : eniaward@feem.it (voir les détails du concours et les formalités de participation en pièce jointe). Chaque lauréat recevra un prix de **25 000 €** et sera invité à une cérémonie de remise des prix en Italie, incluant des opportunités de mentorat au sein du réseau scientifique d'Eni.

Nous vous prions Madame la Rectrice/ Monsieur le Recteur, de bien vouloir diffuser le lancement du concours auprès des lauréats/ chercheurs de votre université et d'agréer l'expression de nos salutations distinguées.

Christophe Seguin

Directeur Corporate Services

Eni Algeria Production b.v.
Christophe Seguin
Directeur Corporate Services

Eni Award 2025



Young Talents from Africa

Eni, in the framework of the 2025 Edition of the Eni Award Prizes, announces

TWO PRIZES

addressed to **PhD students of African citizenship**
and
enrolled in a PhD in a university or research institute **in an African country**

performing their PhD thesis research on topics related to **energy** and **environment** (including agriculture, green chemistry, computer science and advanced materials) in **natural sciences, engineering, technology** and **agriculture** scientific areas.

Each Prize will consist in

€25.000 (twenty-five thousand Euros)

Registration deadline
December 20th, 2024

For more information regarding the requirements, the registration procedure and deadlines, please consult the Official Announcement and Regulations of the Prize:

<https://www.eni.com/en-IT/innovation-technologies/eni-award.html>



THE ENI AWARD SCIENTIFIC SECRETARIAT
Fondazione Eni Enrico Mattei
C.so Magenta, 63, 20123 Milano - Italia
e-mail: eniaward@feem.it

ENI AWARD 2025

Young Talents from Africa Prize *Energy and Environment*

OFFICIAL ANNOUNCEMENT

Eni is a global energy tech company operating in a responsible way towards its stakeholders in more than sixty countries along the entire value chain. Eni concretely supports a just energy transition for a net-zero carbon future, with the objective of preserving our planet and promoting an efficient and sustainable access to energy for all, respecting society and world's ecosystems. To this end, the 17 Sustainable Development Goals (SDGs) determined by the UN represent a target and a guiding reference for managing its business and its activities in all those Countries in which Eni operates. Along this path, Eni has committed to becoming a leading company in the production and sale of decarbonised energy products and fosters several scientific research projects on renewable energy, hydrogen, CCUS, energy efficiency, energy storage and circular economy.

Eni invests in people and their empowerment, recognizing diversity as a key value for human development. Since 2008 Eni has been granting the Eni Award, aimed to promote and reward scientific research and technological innovation in the fields of energy and the environment. Special care will be devoted to applications promoting the use of breakthrough, experimental and innovative technologies, processes and tools, enabling a holistic perspective in research and contributing to the sustainable development goals.

1) Aims

The **Young Talents from Africa** Prize constitutes one of the six sections of the Eni Award, composed by the *Advanced Environmental Solutions*, *Energy Transition*, *Energy Frontiers*, the *Young Researcher of the Year* Prizes and the *"Eni for Innovation" Recognition*.

The purpose of the *Young Talents from Africa* Prize is to promote and encourage new generations of African researchers to emerge and participate in the scientific and technological development of their countries, by supporting their research and innovation ideas on the various scientific topics promoted by Eni Award, related to **energy and environment**. Mentorship by the Eni Award scientific network is encouraged as well.

2) Eligibility criteria and object of the prize

Candidates shall meet the following criteria:

- being of African citizenship, i.e. coming from one of the African countries listed in the *World Population Prospects: The 2022 Revision*, compiled by the United Nations¹;
- having obtained a Bachelor's (B.Sc.) and a Master's (M.Sc.) degree or any equivalent;

¹ 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, Eswatini, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Morocco, Mozambique, Namibia, Niger, Nigeria, Réunion, Rwanda, São Tomé and Príncipe, Saint Helena, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Togo, Tunisia, Uganda, United Republic of Tanzania, Western Sahara, Zambia, Zimbabwe.

- being a PhD student, enrolled in a PhD program and carrying out their doctorate (PhD) in a university or research institute in one of the African countries listed in the *World Population Prospects: The 2022 Revision*, compiled by the United Nations²;
- having at least one year remaining in the abovementioned PhD program before the thesis defense at the date of proclamation of the winners by the Organizing Committee (within July 2025).

The topic of the PhD research project shall be in connection with the Eni Award focus, i.e. energy and environment, and have potential benefits either in an African country or region, or in the whole African continent, accordingly with the “One Planet – One Health” perspective and the SDG’s targets.

The research of the *Young Talents from Africa* Prize shall be related to the following topics:

- Renewable energies (solar, wind, geothermal, blue energy, fusion, etc.)
- Energy grid
- Energy storage
- Innovative materials for energy or environmental applications
- Non-fossil fuels and energy vectors
- Sustainable hydrogen production and use
- Fuel cells
- ~~Decarbonization~~
- CCUS (carbon capture, utilization and storage)
- Greenhouse gases reduction
- Solutions to reduce the carbon footprint and improve energy efficiency of processes
- Building energy efficiency
- Circular economy
- Bio-economy and green chemistry
- Preservation, remediation and restoration of natural capital (water, soil, air)
- Desalination and water treatment
- Bio-diversity and natural habitat protection
- Nature-based solutions
- Sustainable agriculture

The PhD research shall be conducted in one of the following scientific areas³:

- Natural sciences (mathematics, computer and information sciences, physical sciences, chemical sciences, material sciences, earth and environmental sciences, biological sciences, other natural sciences);
- Engineering and technology (civil engineering, electrical engineering, electronic engineering, information engineering, mechanical engineering, chemical engineering, materials engineering, environmental engineering, marine engineering, mining engineering, environmental biotechnology, industrial biotechnology, nano-technology, other engineering and technologies);
- Agricultural sciences (agriculture, forestry and fisheries, animal and dairy science, veterinary science, agricultural biotechnology, hydrology, other agricultural sciences).

3) The Prizes

Each of the two winners will be awarded with a prize consisting in: i) a customized plaque, ii) the sum of €25.000 (twenty-five thousand euros) which will be paid in two installments (once the required

² As note 1.

³ defined after Revised field of Science and Technology Classification in OECD Frascati Manual (last modified nov. 05 2021) and adapted to Eni Award Prize.

documentation has been submitted) and i iii) direct provision by Eni of a) travel tickets roundtrip, b) transfers and c) board and lodging expenses for up to 2 overnight stays, for the winners and maximum one accompanying person in order to participate to the Prize-Giving Ceremony.

The Prizes will be assigned to the winning Candidates, proclaimed by the Organizing Committee within July 2025.

An Official Prize-Giving Ceremony⁴ to award the winning Candidate will be held in Italy tentatively during the second semester of the year following the publication of the Official Announcement.

4) Application procedures and deadlines

Applications for the *Young Talents from Africa* must be submitted in coordination with doctoral supervisor (and/or PhD program director), who shall declare not to have any objection by providing a presentation letter.

Applications without PhD supervisor or PhD program director (Guarantor) presentation letter will not be accepted.

The Candidates who have participated to previous editions of *Young Talents from Africa* Prize may participate to the current edition if eligible according to the requirements provided by art.2.

The deadline for the presentation of the Candidatures to the *Young Talents from Africa* falls on **December 20th, 2024**.

In order to submit the application, the Candidate shall declare that she/he has read and is aware of the “Eni Code of Ethics” and of the “Anti-Corruption Management System Guideline” adopted by Eni, available on the www.eni.com website, and that she/he undertakes to comply with the principles contained therein.

Please note that, after the first upload of the application material on the Candidates private area of the Eni Award platform, any new version of the Candidature documents shall be sent by e-mail to the Eni Award Scientific Secretariat, which will update the application material onto the platform.

The formal confirmation of the acceptance of the Candidature will be sent by email by the Secretariat after the receipt of the properly signed **Summary of the Candidature Proposal**, as provided by art. 4.9. The Candidature application forms are available on the website: <https://www.eni.com/en-IT/innovation-technologies/eni-award.html> and shall either be uploaded on the Eni Award Candidates private area or be sent to the Eni Award Scientific Secretariat by e-mail to the following address: eniaward@feem.it. The access to the private area must be requested to the Secretariat that will provide an account for the procedure and the editable forms as well. Hereby the list of documents requested for the application:

1. The **Application Form** reporting a short summary of the PhD research work (intended for a panel of scientific experts) and an explanation of how the prize will be used to improve the research work (“**Proposal**”).
2. The **CV Form** including a list of the Candidate's publications (or in the process of being published) and/or patents, if any, and the Master’s degree thesis. Publications listed in the CV shall also be provided in .pdf format. Fluency in English is desirable; therefore, English language proficiency certifications (except for native speakers) shall be reported in the CV.

⁴ The participation in the Official Prize-Giving Ceremony is independent from the payment of the grant.

3. A **motivation letter** written by the Candidate, including background and reason for this application.
4. A detailed description of the **PhD research project work (“PhD Thesis”)** and its methodology (about 2 pages in word format, written by the Candidate).
5. A **presentation letter** written by the abovementioned Guarantor, containing a description of the scientific quality of the PhD research work of the Candidate, the improvement that can arise by the prize grant and an appreciation of the human qualities of the Candidate.
6. An estimated **budget** expenditure proposal prepared by the Candidate, in coherence with her/his PhD research work (a detail of the allowed uses is reported in the Annex 2). Should the Candidate be nominated as winner, she/he is allowed to integrate the estimated budget proposal, if the one presented for submitting the application is less than the prize amount. This integration is allowed after the first installment and in any case the integration must be within the prize amount and in coherence with her/his PhD research work.
7. Copy of the Candidate’s **M.Sc. degree (or equivalent) certificate** and **letter of university or research institute** certifying the **enrollment** in a PhD program and attesting which year she/he is **attending and the duration of the PhD program**.
8. Furthermore, the Candidate can also provide a **self-made video** of no more than 3 minutes to better describe her/his PhD research work in the following formats: .MOV, .MPEG4, .AVI, .FLV. The submission of the afore-mentioned video is strongly recommended, even if it is not mandatory.
9. Following the safe receipt of all the application’s documents, a file named **Summary of the Candidature Proposal**, containing the main data of the Candidature, will be provided to each Candidate. The aforesaid file shall be duly checked and signed by the Candidate and sent by email (eniaward@feem.it) to the Eni Award Scientific Secretariat before and no later than the deadline defined by this Official Announcement.

An application is considered complete only if it includes all the above-mentioned documents. The official application language is English and therefore all application content generated shall be in English. If supporting documents are in a different language, at least an informal translation into English shall be provided for. Documents without any English translation will not be considered.

Please finally note that Eni Award Scientific Secretariat and the Eni Award Scientific Commission are subject to a duty of Confidentiality with regards to any documents and data submitted by the Candidate.

5. Selection criteria

Candidatures will be evaluated and selected by the Scientific Commission as per the following criteria:

- Scientific value of the PhD research work;
- Quality of the Proposal;
- Coherency of the estimated budget expenditure proposal;
- Motivation and communication skills;
- Curriculum Vitae.

A detailed description of the selection criteria scores is reported in Annex 3.

6. Selection of the Candidatures

The Eni Award Scientific Commission shall examine the work of the Candidates who have been accepted and shall present the names of the selected winners of the *Young Talents from Africa* Prize to the Eni Award Organizing Committee by May 2025.

7. Winner Commitments

1. The Prizes are paid directly to the two winners after the receipt of the documents required for the bank transfer. Each beneficiary shall inquire about the taxation linked to the awarded sum.

The award grants are non-renewable and may be combined with other allowances or research grants, including other donations, awards, salaries, etc.

The winner shall formally accept the Prize no later than 30 days after the communication of the award.

2. The winner shall continue the research work for which the *Young Talents from Africa* Prize was obtained. Failing that, the total amount of the awarded sum shall be refunded to Eni.

3. The **first installment** (half of the sum, 12.500€) will be paid after the official disclosure of the name of the winners, proclaimed by the Organizing Committee. The **second installment** (remaining half of the sum, 12.500€) will be paid after the complete expenditure of the first one, after the receipt of a research progress report and of a detailed report of all the incurred expenses. Winners will be also asked to provide a webinar to present the progress of their research.

At the end of the PhD, winners are asked to provide a final financial expenditure statement, a copy of their PhD thesis to the Eni Award Scientific Secretariat (if restricted, at least the abstract) and of their publications; moreover, a webinar to present the final results of their research is requested.

4. The winner shall carry out their expenses, as described in Annex 2, coherently with the research proposal and with the estimated budget submitted in the application file, until the date of PhD thesis defense.

5. The Young Talents from Africa agree to participate in any communication activities related to the Eni Award Prize. They will be photographed, filmed, and interviewed for non-commercial purposes related to the dissemination of Eni Award, both for written and audiovisual publications. A separate written image right authorization shall be signed by each of the winners.

6. The Young Talents from Africa shall mention “Eni Award – Young Talents from Africa” in the acknowledgements of all publications and media communications, including conferences, which result from or are connected to the PhD research work supported by the awarded Prize. Moreover, the winners shall inform the Eni Award Scientific Secretariat of such publications/media communications by direct email and/or by including them in the progress and final report.

8. Regulations

The Eni Award and this Official Announcement are submitted to the Eni Award Regulations, approved by the Organizing Committee. The text is available on the website: <https://www.eni.com/en-IT/innovation-technologies/eni-award.html>.

9. Contact details

The Eni Award Scientific Secretariat is located at:
FONDAZIONE ENI ENRICO MATTEI
Corso Magenta, 63
I 20123 Milano
e-mail: eniaward@feem.it

Rome, 30 July 2024

ANNEX 1
PRIVACY NOTICE IN ACCORDANCE WITH EU REGULATION 2016/679

Pursuant to Regulation (EU) 2016/679 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data ("**GDPR**"), Eni S.p.A. provides you ("**Candidate**") with the following information about the processing of your personal data carried out in relation to (i) the participation in the initiative called "**Premio Eni Award**" ("**Initiative**"), organized and financed by Eni S.p.A.; (ii) the procedure carried out after the potential winning of the awards provided by the Initiative.

[This privacy notice also concerns the processing of personal data of the "Guarantors" (as defined in the Eni Award notice of competition), which will be communicated to Eni S.p.A. by the Candidates during the application procedure to the Initiative, limited in relation to the awards "Young Researcher of the Year" and "Young Talents from Africa".]

1. Data controller

The data controller is Eni S.p.A. with registered office in Rome, Piazzale Enrico Mattei, 1, 00144 ("**Controller**" or "**Company**").

2. Data protection officer

The Company has appointed a data protection officer ("**DPO**") which can be contacted at the following e-mail address: dpo@eni.com.

3. Categories of personal data

The Controller will process the following Data Subject's personal data ("**Personal Data**"):

- name (data processed also with reference to the Guarantors);
- surname (data processed also with reference to the Guarantors);
- curriculum vitae;
- e-mail address (data processed also with reference to the Guarantors);
- identification documents (data processed only if the Candidate is selected as winner);
- video presentation of the candidate (data processed only with reference to the "Young Researcher of the Year" and "Young Talents from Africa" awards);
- phone number (data processed only if the Candidate is selected as winner);
- biography (data processed only if the Candidate is selected as winner);
- photographs (data processed only if the Candidate is selected as winner);
- payment data (data processed only if the Candidate is selected as winner);
- tax certificates (data processed only if the Candidate is selected as winner);
- master's degree certificate; English language certificate; PhD enrollment certificate (data processed only with reference to the "Young Talents from Africa" award).

4. Purposes of personal data processing

a. Processing based on legal obligations which the Controller is subject to

Personal Data will be processed:

- for the compliance with legal obligations related to the Candidates' participation in the Initiative and in the procedure following the potential winning of the awards provided by the Initiative;
- for accomplishing a request addressed by the competent administrative or judicial authority;

The processing of Personal Data for the aforementioned purposes is based on (i) the laws applicable to the Initiative and any situations related to it; (ii) requests addressed by public authorities (article 6, paragraph 1, letter c) GDPR).

This processing is necessary in relation to the participation in the Initiative as well as to the procedure carried out after the potential winning of the awards provided by the Initiative.

b. Processing based on the execution of the Initiative's competition notice

Personal Data will be processed for:

- the economic and administrative management of the Candidates' participation in the Initiative as well as in the procedure following the potential winning of the awards provided by the Initiative.
- sending communications regarding the Candidates' participation in the Initiative and in the procedure following the potential winning of the awards provided by the Initiative (processing limited to Candidates' personal data).

The processing of Personal Data for the aforementioned purposes is based on the execution of the Initiative's competition notice (article 6, paragraph 1, letter b) GDPR).

This processing is necessary in relation to the participation in the Initiative as well as to the procedure carried out after the potential winning of the awards provided by the Initiative.

c. Processing based on the Controller's legitimate interest

Personal Data will be processed:

- for carrying out internal audits;
- in case of non-recurring mergers, sales or transfers of business units, in order to allow the necessary due diligence activities; Personal Data will be processed in aggregate/anonymous form as much as possible;
- in order to ascertain, exercise or defend Controller's (or Eni Group companies') rights in court.

The processing of Personal Data for the aforementioned purposes is based on the Controller's legitimate interest (art. 6, par. 1, lett. f) GDPR) to (i) verify and ensure the compliance of the Company's actions with applicable regulations and policies; (ii) perform business activities; (iii) defend its rights.

d. Processing based on Data Subject's consent

With reference to the "video presentation of the candidate" and the "photographs" listed at paragraph 3, the processing will be performed for the administrative management of the Candidates' participation in the Initiative and in the procedure following the potential winning of the awards provided by the Initiative, prior Candidate's consent (article 6, paragraph 1, letter a), GDPR – processing limited to Candidates' personal data).

5. Processing methods

Personal Data will be processed with automated and/or manual means by the Controller's personnel, who has been specifically instructed on the methods and purposes of processing.

6. Recipients of personal data

Personal Data may be communicated to third parties listed below:

- public authorities;
- Fondazione Eni Enrico Mattei;
- Eni Group's companies;
- third-party service providers;
- press.

With reference to the communication of Personal Data, such recipients may operate, as appropriate, as data processors (and in this case they will receive appropriate instructions from the Controller) or as independent data controllers. The communication of Personal Data will include only such data which is necessary for the pursuit of data processing purposes described at paragraph 4.

7. Personal data transfer outside the European Economic Area (EEA)

Should it is necessary for the pursuit of the purposes described at article 4, Personal Data may be transferred outside the EEA. Whenever Personal Data is transferred outside the EEA and, in particular, to States that are not issued by an adequacy decision of the European Commission, the transfer will take place exclusively (i) by signing of the standard contractual clauses adopted by the European Commission and the adoption of any further technical and organizational

measures to ensure a protection level of personal data equal to the one guaranteed within the EEA or (ii) in the presence of one of the conditions referred to in art. 49 GDPR.

8. Data Retention

Personal Data will be stored into the Controller's paper and/or digital archives and protected by appropriate security measures for a period of time not exceeding what is necessary for the pursuit of the purposes for which Personal Data were collected and then they will be deleted. In any case, Personal Data may be stored for a later period in the event of any litigation, requests from the competent authorities or where this is provided for in accordance with applicable law.

9. Data Subject's rights

Candidates and Guarantors, as data subjects, are granted the following rights as set out by article 15 and following of GDPR:

- a) right to access,
- b) right to rectification;
- c) right to erasure;
- d) right to restriction of processing;
- e) right to data portability;
- f) right to object;
- g) right to withdraw the consent.

Data Subject may exercise those rights by sending an e-mail to the DPO (dpo@eni.com). Without prejudice to any other administrative or judicial recourse, data subjects may also lodge a complaint with the competent supervisory authority in case of a violation of GDPR by the Controller.

ANNEX 2

ALLOWED USES OF AWARDED GRANT

The awarded sum is intended for PhD students themselves and must be exclusively devoted to the promotion of their research.

Eni Award particularly encourage candidates to use the endowment to undertake a research visit period at a host institute in another country.

List of allowed uses:

- Visiting period at a host institute (abroad or at home country):
 - Visa expenses
 - Medical insurance
 - Return ticket
 - Study fees (including tuition and registration fees, if required)
 - Board and lodging
 - Transportation fees
 - telephone and internet charges
- Attending conferences and congresses (travel, registration fee etc.)
- Attending English courses or specific technical training or certifications
- Expenses for data or sample collection campaigns
- Purchase of computer or digital equipment (for example hardware, specific software, datasets, computer services etc.)
- Purchase of advanced equipment for winner specific research or highly advanced sample analyses (in order to prove research results). It is understood that the prize must in no case replace the responsibilities of the laboratory towards its PhD students. As a result, endowments cannot be used to purchase basic laboratory equipment
- Purchase of scientific publications or books (max 1000€ overall).

The list is not exhaustive.

ANNEX 3

SELECTION CRITERIA GRID

- Scientific value of the research (30%)
 - Methodology and experimental design
 - Innovation and originality
 - Technical feasibility
 - Expected outcomes
 - Eventual publications
- Quality of the Proposal (30%)
 - Clarity
 - Impact on the Country and/or all Africa
 - Impact on SDG's
- Coherency of the estimated budget (20%)
- Motivation and communication skills (10%)
 - Communication skills (video)
 - Motivation letter
 - Presentation letter
- Curriculum vitae (10%)
 - English level (certifications)