UNIVERSITE DE PAU ET DES PAYS DE L'ADOUR

EDENE – **E**UROPEAN **D**OCTORAL PROGRAM IN **EN**ERGY AND **E**NVIRONMENT - MARIE SKŁODOWSKA CURIE ACTIONS – COFUND PhD

GUIDE FOR APPLICANTS

CALL#2
Promotion 2
2022-2025

Université de Pau et des Pays de l'Adour
www.univ-pau.fr/edene

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UNIVERSITÉ DE PAU ET DES PAYS DE L'ADOUR

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1 About EDENE

Energy and the environment are two subjects linked to the main societal challenges described in the strategic European research project Horizon H2020. In this context, the ***E**uropean **d**octoral program in **En**ergy and **E**nvironment,* **EDENE,** is an ambitious **multidisciplinary, intersectoral and international program** over a period of **5 years** offering quality training to **30 international and highly qualified doctoral students** in this field. The ambition of **EDENE** is to create a working dynamic around innovative subjects on these topics in all disciplines where the Université de Pau et des Pays de l' Adour (UPPA) enjoys proven scientific recognition. The UPPA has been recognized since 2017 with the Competitive Science / Innovation / Territories / Economy label of excellence by the French *Investissements d'Avenir* Program for its *Energy & Environment Solutions* (E2S UPPA) initiative. Within this framework, the UPPA's priority is to attract new talents, to develop international collaborations with targeted universities and to develop the international training offer, mainly in the fields of energy and the environment.

Through its Second Call for Projects, CALL#2, EDENE will allow **10 excellent young researchers** to develop their talent beyond the Master, via a project of their choice, while integrating the best teams of the UPPA and possible partners. Motivated candidates are asked to define their own research project in cooperation with their host unit at the UPPA, so they can develop a successful cooperation in terms of research, excellence and career development. All research areas are accepted as long as the project has a connection to energy and/or the environment in a broad definition of the terms.

The dedicated online portal, the **EDENE website (https://www.univ-pau.fr/edene),** contains all the details about the program and the necessary information and documents related to the application process.

EDENE's goals in brief

- *Train at the highest level **a total of 30 international and high potential researchers** in the domains of **Energy and the Environment** to generate **Innovation***
- *Give young scientists the opportunity to become part of a very **strong academic-industrial network** in order to consolidate **collaboration** between sectors*
- *Promote **high-quality training with a triple approach** (international, intersectoral and interdisciplinary)*

2 Timeline of the call, deadlines for submission, and results

In alignment with the *European Charter for Researchers* and the *Code of Conduct for the Recruitment of the Researchers* and the evaluation procedures set out by Marie Skłodowska-Curie Actions, EDENE will establish 3 successive calls – in January 2021, 2022 and 2023. The **schedule for CALL#2** is detailed in the table below (**Dates may however be subject to some variations**). Its structure is the same as for CALL#1.

Object	Timeline (DD/MM/YYYY)
Opening of CALL#2	**10/12/2021**
Ending of CALL#2 Deadline for submission of the research proposal and deposit on the E2S UPPA platform	**31/03/2022**
Start of the evaluation process by the different committees	**01/04/2022**
Expert evaluation	**15/05/2022**
Interviews	**30/05/2022**
Final Decision	**15/06/2022**
Publication of the results	**30/06/2022**

Schedule for EDENE CALL#2 for Projects 2022

At the end of **CALL#2**, **10 PhD candidates** will be recruited for a duration of 36 months. The best ranked proposals will be short-listed (up to 40) for interviews, and applicants will be informed of the output of this step via a dedicated online platform – See all details for applying in Section 3.

3 Application procedure

In order to apply to **CALL#2**, applicants must comply with the following requirements:

3.1 Registration on the EDENE application platform

First of all, the candidate must go to **https://aap-e2s.univ-pau.fr**, click on the appropriate call, **MSCA-Cofund EDENE PhD/2nd Call for applications for MSCA-Cofund EDENE PhD 2022**, and register his/her profile.
To go further in his/her application, he/she must check that his/her application meets the **Eligibility criteria** described in 4.3.1.
To use the platform properly, please follow the instructions described in 8. Annex II of this document.

3.2 Contact Research laboratories and the Researchers from the UPPA

In order to prepare their **Research Proposal,** applicants are invited to **contact a laboratory at the UPPA and researchers in their field of interest**.

The UPPA's research units or research laboratories are attached to two doctoral schools, one in Letters, Languages, Human and Social Sciences, the Doctoral School of Social Sciences and Humanities SSH (ED481) and the other, in Sciences and Techniques, the Doctoral School of Exact Sciences and their Applications SEA (ED211).

Link to the Doctoral School in Social and Humanities Sciences, SSH:
https://ed-ssh.univ-pau.fr/en/home.html

Link to the Doctoral School of Exact Sciences and their Applications, SEA:
https://ed-sea.univ-pau.fr/en/index.html

Link to the site of the host research units:
https://recherche.univ-pau.fr/en/labs-and-expertise/research-laboratories.html

The themes studied in the laboratories as well as the contact details of the researchers to contact according to the area of interest are available on these websites.

3.3 Submission of a complete Application Form on the dedicated platform

When the previous steps are completed, candidates must submit their Application Form and all required documents, on the following dedicated online **application and evaluation platform**: **https://aap-e2s.univ-pau.fr**. Each applicant will receive an automatically generated confirmation email when the complete application document is successfully received. A Helpdesk service (email, telephone) is available throughout the process. An **Instruction Guide for the E2S platform** is also available in 8. Annex II.

IMPORTANT: The application must be in English and uploaded in PDF format. Only complete applications will be taken

into consideration.

The **Application Form** should contain **all the following mandatory documents**:

1. **A full CV (Template provided – See 7. Annex I)** that includes all personal information, education background, research activities (if any) and information about two referees
2. **Two Reference letters** (in a single PDF file): each referee will submit a letter concerning the applicant's previous research activities and the applicant's research capacity and working experience
3. **The Research Project description** (max 4 pages – **Template provided - See 7. Annex I)**
4. **The Supervisors' commitment letter (Template provided - See 7. Annex I)**. As explained in 3.2: **it is the applicant's responsibility to contact the Supervisors where he/she wishes to carry out his/her research project, and a commitment letter of acceptance signed by the Supervisors is required**. This letter must include a brief description on the mutual benefit of the recruitment for both the candidate and the hosting institution. In this letter, the supervisor must agree to:
    - *present an estimated budget for the project;*
    - *find funding for research costs and eventually co-funding on salary;*
    - *provide a list of at least 5 experts agreeing to be contacted in order to assess the project and without conflict of interest;*
    - *set up collaborations, stays abroad and possibly co-supervision*
5. **A personal statement** (maximum of 3 pages – no template – free writing) that includes a Personal introduction, Qualifications and achievements, Career development objectives, Activities envisaged to enhance academic profile, Collaboration opportunities planned beyond the higher education sector, General motivation for participation in the program
6. **An ethical declaration** (**Template provided - See 7. Annex I**) to identify ethical matters relating to the research project
7. **A copy of the Master's degree *or equivalent (ex: Engineer degree)*** translated into English; **for candidates with a Master's degree in progress during the academic year of the call, marks and rankings corresponding to the first semester of the Master 2.**
8. **Copies of certificates of English language proficiency** (for non-English native speaking applicants)
9. **Copies of supporting documents for the date of entry into France (Visa, school certificate, certificate of residence, plane tickets, etc.) for Students already in France in 2021-2022 ONLY**
10. **A request for extension** (**Template provided - See 7. Annex I**), if applicable, with supporting documentation.

*NB: this **platform** will allow registered applicants to upload all application materials. Evaluators will be only able to access material through the online platform for the candidates they will have to evaluate. The platform will guarantee confidentiality of application material, which will only be accessible to the Steering Committee and evaluators involved in the selection process. From the call deadline to the appointment of the Fellows, the website will be updated continuously and candidates will be notified of their status in the selection process as soon as a new step has been reached.*

4 Evaluation and selection

4.1 Successive stages in the selection process

The Research projects and their associated candidates will be selected according to a very rigorous process, taking place in successive stages where different committees will be involved:

1. **An Eligibility committee,** composed by the Project Coordinator (PC) and the Project Manager (PM) from the UPPA, will first **check that all Eligibility criteria mentioned in 4.3.1. are met**.
2. **An Ethics Committee** will check that the applicant correctly assessed **the ethical issues relating to his/her research proposal in the ethical table**. This Committee is led by one person from the UPPA (the Referent for scientific ethics), and includes external experts.
3. **A Review panel with three external experts** will evaluate: CV, research proposal, personal statement, reference letter, degrees and marks, certificate of language proficiency, the supervisor's commitment letter (i.e. all documents except the ethical declaration). **The best-ranked proposals will be short-listed (up to 40) for interviews, and applicants will be informed of the output of this step by the PM, via the online platform.**
4. **Interview panel: three interviewers** from the previous panel of experts will perform remote evaluations, together with a **Human Resources (HR) representative.** The PC and PM will also attend interviews but will not participate in the evaluation.

After all interviews, a proposal of ranking list will be issued, including a principal and a reserve list. In case of similarly-ranked applications, the criteria listed for review ranking will be used. The best-ranked proposal will be short-listed and the lists will be sent to the Selection Committee with related applications and their marks.

5. **Applicant Selection Committee: the top scoring applications will be presented to the Steering Committee who will endorse the final funding decision.** Once the final short and reserve lists (respectively up to 10 and 10) will be issued, applicants will be informed of the output of this step by the PM or/and HR representative (for contract and other HR-related matters).

Summary of the successive stages of the EDENE selection process

4.2 EDENE management structure

The UPPA will manage the overall coordination and implementation of the program according to the synthetic scheme below. **Independent evaluators** (none of whom are affiliates of the UPPA or its partners; 2 from academia, 1 from a business organization) with no conflict of interest, will be involved at all stages of the selection procedure. At each of the selection stages, several evaluators will be involved, with a minimum of three persons for each decision-making step.

Synthetic scheme of the people involved in EDENE

4.2.1 The Management Team of EDENE

The role of EDENE's Management Team is to check the eligibility of applications, organise the different stages of the process and convey the final evaluation to the candidates.

It is composed of:

- The **Project Coordinator, PC,** *Gilles Carbou,* Professor of Mathematics at UPPA
- The **Project Manager, PM**, *Elisabeth Tinseau*, project manager at UPPA

4.2.2 The Supervisory Board (SB)

The role of the Supervisory Board is to monitor the progress of the Research program (including the implementation of the Personal Career Development Plan-PDCP and mobility), ensure gender equality, handle issues or disputes as appropriate, manage communication and dissemination of information regarding fellowships, and risk management.

It is composed of:

- **The Director of the Center for Doctoral Studies** and the **UPPA Vice-President of Research**, *Isabelle Baraille*
- **The 2 Doctoral School Directors**, *Sophie Mercier, Antoine Renucci and Carole Haritchabalet*

- **The UPPA's Delegate Vice President of Research Partnerships and Innovation**, *Christophe Derail*
- **Representatives of supervisors and scholarship holders** (respectively: 1 UPPA supervisor, 1 from the University of Zaragoza, 1 from a private partner and 2 scholarship holders, elected from among the scholarship holders).

4.2.3 The Steering Committee (SC)

This committee will be in charge of oversight and governance. It will make a significant contribution to the program. The SC will be directly involved in all phases of program implementation, including the selection process, and will carry out periodic evaluations. This will be the final decision board. In addition to leading the implementation of the program, SC members will also act as ambassadors of EDENE, both to the internal research community of each partner and to the external partners of each institution.

It is composed of:

- **The Project Coordinator (PC),** *Gilles Carbou*
- **The 2 Doctoral School Directors**, *Sophie Mercier, Antoine Renucci and Carole Haritchabalet*
- **The UPPA's Delegate Vice President of Research Partnerships and Innovation**, *Christophe Derail*
- **The Director of the Center for Doctoral Studies** and the **UPPA's Vice President of Research**, *Isabelle Baraille*
- **The Executive Director of the E2S UPPA project**, *Gilles Pijaudier-Cabot*
- **The Directors of the UPPA's STEE and SSH Colleges**,
- **2 representatives (Directors) of private partners**, *Frédéric Fevbre (TotalEnergies) and Marc Lodz (Enedis)*
- **1 representative (Director) of the University of Zaragoza** as well as **5 external representatives**

4.2.4 The Advisory Board

The role of the Advisory Board is to bring together external scientists from the academic and non-university sectors. It will meet each year to advise on the EDENE strategy with the SB and the SC.

A **Quality Committee** (*Anna Chrostowska, Claire Harai, Sylvie Arroyo)* will ensure that the process described above will be strictly followed and comply with the requirements of the ISO 9001 standard quality label and is in alignment with the Human Resources Excellence in Research Label and the UPPA's HRS4R (Human Resources Strategy for Researchers) policy.

4.3 Description of the evaluation and selection process

For the evaluation of the candidature, 3 steps can be distinguished:

4.3.1 STEP 1: Verification of the Eligibility criteria of the candidates

In order to participate in EDENE program, the **applicants** will have to demonstrate they satisfy **the following eligibility criteria:**

Criterion	Rule
Diploma	On the date of application, the candidate should be in possession or finalising **a Master degree (or equivalent degree) and have less than 4 years of research experience (full-time equivalent)**
Seniority	Candidates can apply **within 3 years of obtaining their Master degree,** calculated from the application deadline ***Extensions*** *will be granted for* ***maternity*** *leave (18 months for each child born before or after the Master's graduation, or if the applicant can document a longer maternity leave, the eligibility period will be extended by the documented amount of actual leave taken until the call deadline),* ***paternity*** *(extension by the documented time of paternity leave taken until the call deadline for each child born before or after the Master's graduation),* ***long-term illness or national service*** *(extension by the documented amount of leave taken until the call deadline for each incident which occurred after the Master's graduation date)*
Research topics	**Guaranteed freedom to design the tailor-made research project, to choose the host research laboratory at the UPPA and a partner for secondment. Preliminary contact with the potential Supervisors will enable the candidate to work on his/her scientific proposal**
Mobility rule	**Candidates must not have resided or carried out their main activity (work, studies, etc.) in France for more than 12 months in the 3 years immediately preceding the date of** recruitment (doctoral thesis starting date: September 1st, 2022) ➢ **WARNING: Copies of supporting documents for the date of entry into France are required** (Visa, school certificate, certificate of residence, plane tickets, etc.) for Students already in France in 2021-2022 ONLY *Compulsory national service, short stays such as holidays, and time spent as part of a procedure for obtaining refugee status under the Geneva Convention are not taken into account*
Nationality	The call is open to researchers of **any nationality**
Language	Applicants who are non-native speakers of **English** are required to provide proof of proficiency in the language, as EDENE's working language is English *A minimum B2 level in English is required. A variety of English Language tests may be provided, such as TOEIC, TOEFL, TOEFL Internet-based Test, IELTS, CPE, PTE (Pearson Test of English), CAE. Please check to be sure your test results are still valid (some tests are valid for 2 years, whereas CPE and CAE results are valid for life)*
Formal proposal criteria	Application submitted before the deadline (all required support documents must be submitted online via the call website) Completeness of the application (including potential Supervisor's letter of support) Application submitted in English Only one application per call and per Fellow

EDENE eligibility criteria

4.3.2 STEP 2: Evaluation of the Research Proposal and the Applicant's credential

Applications that meet the **Eligibility criteria** described in 4.3.1 will be sent to three external experts for review, based on the **Research proposal, the extended CV**, and the **personal statement** (See 3.3).

A score will be given according the Table below. Each criterion will be given scores between 0 (lowest) and the Max. Score (indicated below). The **total maximum score is 100**. **The threshold to reach the interview will be 70 out of 100.**

Evaluation of the proposal research: /40		
Evaluation	**Max. Score**	**Considerations**
Scientific and Technical Quality	**20**	●Scientific and technical merit ●Clarity of objectives ●Originality of proposed research and awareness of current debates and the current state of the arts
Feasibility	**10**	●Comprehensive and appropriate theoretical and methodological framework ● Feasibility within given time-frame ●Capacity to carry out the research project ●Budget evaluation
Impact	**10**	●Recognition of anticipated impact of work ●Evidence of long-term vision ●Publication, dissemination and exploitation plan
Evaluation of the applicant's credentials: /50		
Evaluation	**Max. Score**	**Considerations**
Experience	**30**	●Qualifications ●Academic marks and rankings at the Master's level of the academic cursus ●Research track record ●Training ● Statements of recommendation
Leadership potential	**20**	●Publications (if any) ● Ability to work independently and to take responsibility ● Diversity of dissemination activities including conference attendance, talks ● Previous/current partnerships and collaborations ●International experience ●Research profile ● Engagement with cross-sectoral organisations/ community groups ●Ability to forge beyond disciplinary specialisms
Career development: /10		
Evaluation	**Max. Score**	**Considerations**
Added-value	**10**	●Relevance of Fellowship at this career stage ●Contribution to EDENE priorities ●Commitment to interdisciplinary research ●Scope for new partnerships ●Diversity of research agenda ●Profile development activity ● Planned contribution to international research community ● Relevance of proposed cross-sectoral partner

Evaluation criteria for Application

*NB: Marks will be sent and then the **mean mark will be calculated** (by PC and PM). The **difference between the lowest and highest marks for an application will be less than 30 points** (out of a total of 100). If not, another external reviewer will be appointed to evaluate the proposal in addition, and her/his mark included in the evaluation. **A remote consensus meeting** for each application, chaired by the PC with the support of the PM, will take place via teleconference, in order for the experts to discuss marks and for the PC to establish a ranking of the applications. **In case of similarly-ranked applications,** the better ranking will be given to the proposal submitted by 1/ a researcher at risk, then 2/ a researcher with disabilities, then 3/ a female researcher, and finally 4/ the person coming from a country whose HDI (Human Development Index) is the lowest.*

For the evaluation at any of the following steps (eligibility check, application review, and interview), applicants can appeal against the decisions, based

on administrative or procedural arguments only. If the request is successful, the application will be re-evaluated, the candidate interviewed or re-interviewed or included (re-included) in a list for funding.

4.3.3 STEP 3: Criteria for interviews

The Management Team of EDENE (PC and PM) will combine the feedback from the 3 independent reviewers, and calculate the **average score** which will result in a **ranked list** of all proposals in descending order of scores. It will determine which applicants will be invited for interview based on the rank order. The maximum number of **applicants invited for interviews will be 4 times the number of positions** offered (i.e. 40 candidates maximum).

At the interview stage, short-listed candidates will be invited to present and discuss their applications during an **online interview** that will consist in a presentation of **their curriculum** and **the research proposal** followed by **questions and answers.**

Interviews will consist in a 10-minute presentation given by the candidate about his/her background, previous and recent research experience and his/her professional project and motivation for the thesis project of his/her choice. The presentation will include a PowerPoint-type support, which must be sent to the EDENE Project Manager up to 48 hours before the interview date. The presentation will be followed by 15 minutes of questions concerning the material presented by the candidate. During the interviews, the candidates will be evaluated on the following criteria: general presentation of the project, research capability and leadership potential.

The threshold to be considered for the final ranked list of 40 Laureates (including the Reserve of Candidates) is 70 out of 100.

Evaluation /100	Max. Score	Considerations
Presentation	**20**	●Scientific knowledge ●Research Vision ●Confident and clear communication
Research capability	**40**	●Experience ●Technical capability ● Previous level of responsibility ● Understanding of ethical implications
Leadership potential	**40**	●Evidence of proactivity – e.g. setting up networks, partnerships, seminar groups ●Recent outputs ●Motivation

Evaluation criteria for interviews

4.3.4 Ethical issues

The EDENE program will comply with the ethical principles of Horizon H2020. Within EDENE, all research areas are eligible, so ethical issues should be considered for all projects.

The **ethics issues check-list** (see 7. Annex I) is part of the application form. This list must be completed to identify ethical matters relating to their research proposal: *1. Human embryos and foetuses; 2. Human beings; 3. Human cells or tissues; 4. Personal data; 5. Animals; 6. Non-EU countries; 7. Environment, health & safety; 8. Dual use; 9. Exclusive focus on civil applications; 10. Potential misuse of research results; 11. Other ethics issues*

If applicable, applicants are asked to describe in their **Research proposal how the ethical requirements** are considered.

Moreover, the EDENE PhD Fellows will have access to multiple sources of information and guidance regarding ethics and research integrity and they will have the opportunity to develop this transferrable skill through courses such as the "Ethics and Integrity in scientific research" course, which will be mandatory. Moreover, partners of the project (participating in secondments or training) will have to commit themselves to follow H2020 ethical principles, rules and guidelines.

5 Beginning the PhD

5.1 Estimated time-to-contract

From the end of June, after the process of evaluation has been completed, the Candidate will be informed of his/her chances of joining EDENE. The Laureate will then be contacted by the UPPA Human Resources Department in July. The HR Department will set up **Hosting Agreements (*Conventions d'Accueil*)** for non-EU nationals requiring scientific / *Passeport Talent – Chercheur* visas or residency permits for France.

Laureates must first complete their administrative enrolment at the Doctoral Schools (by September at the latest), and then send copies of their university enrolment certificates to the HR Department in order for the work contracts to be drawn up and signed. No salary advances are possible until all documents have been provided to the HR Department the work contract has been signed by all parties.

N.B.: the EDENE doctoral fellowship does not exonerate PhD candidates from paying standard university tuition (around €380 per year), student body fees (around €95 per year), and third-party liability insurance / *assurance responsabilité civile*, a requirement for enrolling at the university.

5.2 Working conditions of the Fellowship

Recruited fellows will be hired for **a 36-month Research working contract** (Doctoral contract) by UPPA, in accordance with the **French regulations**. In all cases, the employment conditions for Fellows will be in line with the European Charter and Code. Fellows will be subject to similar employment conditions and entitlements as permanent researchers regarding working hours, paid annual leave, Health care coverage, maternity/paternity leave, pension and unemployment insurance. They will also be eligible for family allowance depending on their individual situation. Gender equality will be guaranteed throughout the recruitment process. Support will be also provided to researchers with disabilities and researchers holding refugee status. Applicants will be eligible after a career break, as they will be allowed to apply within three years from obtaining their Master degree.

EDENE Fellows will benefit from the following advantages:

1. **A monthly net entry salary (before income taxes) of approximately 1587 €** *(French income tax will be withheld at the source, at a rate determined by the tax authorities)*
2. **A dedicated relocation allowance** of 1 000 € to cover the expenses relating to the initial travel and installation
3. **Coverage of research costs** (including participation to scientific events, travel and accommodation for secondments…)
4. **Personalized training and individual support**: doctoral students will design a **Personal Career Development Plan PCDP** at the start of their thesis and have access to a wide variety of training and workshops.
5. **Secondment** of 3 to 6 months is possible with the project partners - See 5.3

5.3 Secondment opportunities

EDENE Fellows will be strongly encouraged (but not required) to interact with the non-academic sector and with international partners whenever possible during **a period of secondment of 3 to 6 months with a partner of UPPA** (non-academic partner or with an international academic partner). **International mobility** will be promoted. The programme will in particular benefit from the **close ties between the UPPA and the University of Zaragoza,** the **University of the Basque Country** (UPV) and **Campus Iberus**, and 5 Target Universities (Northwestern University-USA, Sichuan University-

China, Universidad de Sevilla-Spain, Universidade Federal do Rio de Janeiro-Brazil, University of California, Berkeley-USA).

Collaborations with Private research will be encouraged. The UPPA offers a research environment that benefits from successful relations with private and public sector organizations that have leading positions, more particularly in the Energy and Environment areas: TOTAL, ENEDIS, TEREGA, BERTIN, Pôle Avénia, SATT Aquitaine Sciences Transfert. Others partnerships are possible. Duration can also be extended.

5.4 Principal benefits of the position

In addition to the fact that EDENE Fellows will be assured of carrying out an independent research project of his/her choice, and benefiting from the working conditions described above, EDENE will also offer:

1. **Support services: Upon acceptance of the EDENE fellowship, laureates will be contacted by the International Welcome Desk**. Its staff members will assist the Fellows before and after their arrival with administrative matters like obtaining a visa or residency permit for France (if required), providing leads for housing as well as information about the university registration process, French health insurance, French income tax, etc. **Dedicated guides** are available ("Arriving in France", "Foreign students – a roadmap", "The PhD Student Guide"). Other support services are also available at the university, such as the Erasmus Student Network (ESN) student association which offers social activities, monthly polyglot nights, etc. A **buddy programme** is available to help with relocation, cultural aspects, and social life. The university also offers **language courses** in English, French and Spanish, and the Doctoral Schools can provide financial support to take official language certification exams.

2. **Personalised supervision** that will combine **counselling on career development, academic supervision, peer exchanges, interaction with external partners and training through:**

   - A **Personal Career Development Plan** (PCPD) set up in the first 3 months to address a **research plan, the publication strategy, and career development activities** both in regards to **scientific and non-scientific skills, and the training programme offered at UPPA and via partners**; Meetings, annual progress and evaluation reports will help to make recommendations and evaluations regarding the training and the progress of the project

   - A **primary academic Supervisor** and a **secondary Supervisor,** from the partner of her/his choice (if determined) will provide **guidance and facilitate the integration of the Fellow during his mobility**

   - **Exchange between peers and external networking via the participation in internal and external meetings and conferences**

   - **For Career Prospects:** the completion of a PhD in a top-level research University within the world-renowned MSCA programme, the PCDP, career mentoring and both academic and private supervision, the training offered in a range of complementary areas will all offer highly relevant scientific, industrial and transversal skills. Additionally, the ability to rely on international, multi-sectoral and interdisciplinary networks via the collaboration with partners, leaders in their domain, will bring future collaborations and opportunities.

6 Contact

For any question, please contact the Management Team of EDENE:

Name	Function	Details
Gilles CARBOU	Project Coordinator - PC	edene@univ-pau.fr
Elisabeth TINSEAU	Project Manager - PM	edene@univ-pau.fr

7 ANNEX I. Application form templates

To submit the Application, please use the following mandatory templates downloadable from the Website: https://recherche.univ-pau.fr/en/european-projects/the-edene-doctoral-program/apply.html

7.1 Candidate's Full CV

EDENE, EUROPEAN DOCTORAL PROGRAM IN ENERGY AND ENVIRONMENT

EDENE
EXTENDED CV

FULL NAME OF THE CANDIDATE

First name	LAST NAME

TITLE OF THE RESEARCH PROJECT

DETAILS

Phone number (including country code)**:**
Email (e-mail address that will be valid at least 2 years after fellowship (if accepted)):
Date of Birth/Location:
Citizenship:
Gender (M/F/other)**:**

Mailing Address

EDUCATION

Type of Degree	Department Thesis: "Title"	University/School's Name Location	Month/Year of graduation
Master 2 Degree			
Advisor Name (First name LAST NAME):			

EDENE, EUROPEAN DOCTORAL PROGRAM IN ENERGY AND ENVIRONMENT

Type of Degree	Department Thesis: "Title"	University/School's Name Location	Month/Year of graduation
Engineer Degree			
Advisor Name (First name LAST NAME):			

Type of Degree	Department Thesis: "Title"	University/School's Name Location	Month/Year of graduation
Bachelor Degree			
Advisor Name (First name LAST NAME):			

RESEARCH EXPERIENCE AND PUBLICATIONS (if any)

Highlight important accomplishments, skills and projects. List your publications in reverse chronological order. Use an acceptable reference format commonly used in your field. Group your publications into different categories if you have a sufficient number to do so.

PROFESSIONAL EXPERIENCE AND TEACHING EXPERIENCE (if any)

Highlight important projects, duties, skills, and responsibilities.

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LANGUAGES

*List all the languages that you know with your level of proficiency. Use an appropriate proficiency scale (Novice, Intermediate, Advanced, Superior, or Native Speaker levels in Listening, Speaking, Reading, and Writing). For **English**, if you are not a native speaker, provide your scores from a recognized test or exam such as the TOEFL, IELTS, TOEIC, Cambridge English etc...and remember to submit proof of your results. A minimum **B2 level** in English is required.*

COMPUTER SKILLS

If you have relevant computer skills, please list them using a consistent format.

OTHER

List your interests/Hobbies...

REFERENCES

REFEREES	First name	LAST NAME	University/ Company	Department	Phone/ email
1st Referee					
2nd Referee					

7.2 Research project

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EDENE
RESEARCH PROJECT

FULL NAME OF THE CANDIDATE

First name	LAST NAME

TITLE OF THE RESEARCH PROJECT

Field of Study *tick the appropriate boxes*

- ☐ Anthropology
- ☐ Architecture
- ☐ Arts and Culture
- ☐ Economics
- ☐ Education
- ☐ Geography
- ☐ History
- ☐ Law
- ☐ Linguistics
- ☐ Literature
- ☐ Management
- ☐ Political Science
- ☐ Sociology
- ☐ Sport Science
- ☐ Other: *specify*

- ☐ Chemistry
- ☐ Computer Sciences
- ☐ Environment and Geosciences
- ☐ Information Science and Engineering
- ☐ Life Sciences/Biology
- ☐ Mathematics
- ☐ Physics
- ☐ Other: *specify*

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SUPERVISORS

1st Supervisor	First name	LAST NAME	University/ Company	Department	Mailing Address	Phone/ email
2nd Supervisor (if any)	First name	LAST NAME	University/ Company	Department	Mailing Address	Phone/ email

PARTNERSHIP *(if determined)* *set up collaborations, stays abroad and possibly co-supervision*

Name of the Partner	Location	Period of secondment in months

5 main KEYWORDS

ABSTRACT *(250 words max.)*

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Research aims and methodology

Relevance and added-value of the proposed research in relation to the current state of knowledge

Interdisciplinary nature and merit of research together with alignment with one or more priority areas of EDENE topics and suggestion for a relevant interdisciplinary/intersectoral/international secondment

Output plan including publication and dissemination activities

Estimated schedule

7.3 Supervisor's commitment letter

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EDENE
SUPERVISORS'S COMMITMENT LETTER

FULL NAME OF THE CANDIDATE

First name	LAST NAME

TITLE OF THE RESEARCH PROJECT

SUPERVISORS

1st Supervisor	First name	LAST NAME	University/ Company	Department	Mailing Address	Phone/ email
2nd Supervisor (if any)	First name	LAST NAME	University/ Company	Department	Mailing Address	Phone/ email

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SUPERVISOR'S COMMITMENT LETTER

Please include a brief description of the mutual benefit of the recruitment for both the candidate and the hosting institution

As a supervisor, I agree to:

- *present an estimated budget for the project;*
- *find funding for research costs and eventually co-funding on salary (Table to be filled below in 1. FUNDING OF THE RESEARCH PROJECT);*
- *provide a list of at least 5 experts agreeing to be contacted in order to assess the project and without conflict of interest (Table to be filled in 2. LIST OF AT LEAST 5 EXPERTS…)*
- *set up collaborations, stays abroad and possibly co-supervision*

SIGNATURE OF THE SUPERVISOR (MANDATORY):

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1. FUNDING OF THE RESEARCH PROJECT

EDENE PhD STUDENT SALARY:

TOTAL EMPLOYER COST (36 months) = **103 917 euros**
Total Europe = 69 660 €
Remaining costs (Cofunding) = 34 257 €

☐ I do not have a solution to finance the remaining costs on the salary of the EDENE PhD Student

☐ I have acquired financing: *specify*

☐ I have made one or more requests for additional funding: *specify*

PREVISIONNAL RESEARCH COSTS :

TYPES OF EXPENSES	COST (EUROS)
Computer equipment	
Travel expenses (congress…)	
Other costs *(to be detailed)* ▪ ▪ ▪ ▪	
TOTAL (euros)	

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FINANCING OF COSTS

Origine of the financing	Amount (Euros)
Provided by the director	
Provided by the laboratory *	
Other source (*specify*)	

*If part of the funding is provided by the laboratory, please have the Director of the Laboratory sign:

Signature of the Director of the Laboratory:

2. LIST OF at least 5 external EXPERTS able to evaluate the project, without conflict of interest neither with the candidate, nor with the supervisors and accepting to be contacted

EXPERTS	First name	LAST NAME	University/ Company	Department	Mailing Address/ COUNTRY	Phone/ email
1						
2						
3						
4						
5						

7.4 Ethical declaration

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EDENE
ETHICAL DECLARATION

FULL NAME OF THE CANDIDATE

First name	LAST NAME

TITLE OF THE RESEARCH PROJECT

Field of Study *tick the appropriate boxes*

- ☐ Anthropology
- ☐ Architecture
- ☐ Arts and Culture
- ☐ Economics
- ☐ Education
- ☐ Geography
- ☐ History
- ☐ Law
- ☐ Linguistics
- ☐ Literature
- ☐ Management
- ☐ Political Science
- ☐ Sociology
- ☐ Sport Science
- ☐ Other: *specify*

- ☐ Chemistry
- ☐ Computer Sciences
- ☐ Environment and Geosciences
- ☐ Information Science and Engineering
- ☐ Life Sciences/Biology
- ☐ Mathematics
- ☐ Physics
- ☐ Other: *specify*

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The applicable legislation of this Ethical Declaration is the Horizon2020 legislative acts (i) (see legal references at the end of this document p.8). Answer "Yes" or "No" to all of the questions below. If an answer is "Yes", then indicate in the adjacent box at which page in your **Research proposal** further information relating to that issue can be found.

TO THE ETHICAL EXPERTS ONLY:

SCORING GRID: mark 2 if it's Compliant; 1 if it's Compliant but; 0 if it's Not compliant

1. HUMAN EMBRYOS/FOETUSES	YES	NO	Page	**EXPERT EVALUATION** *(Not to be completed by the candidate)*		
				2=Compliant can proceed to the next step	1=Compliant but the same issues are not found, but the proposal does not raise critical issues Can proceed to the next step	0=Not compliant/ Rejected
Does your research involve Human Embryonic Stem Cells (hESCs)?						
Will they be directly derived from embryos within this project?						
Are they previously established cells lines?						
Does your research involve the use of human embryos?						
Does your research involve the use of human foetal tissues / cells?						

2. HUMANS	YES	NO	Page	**EXPERT EVALUATION** *(Not to be completed by the candidate*		
				2=Compliant can proceed to the next step	1=Compliant but the same issues are not found, but the proposal does not raise critical issues Can proceed to the next step	0=Not compliant/ Rejected
Does your research involve human participants?						
Are they volunteers for social or human sciences research?						

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Are they persons unable to give informed consent?						
Are they vulnerable individuals or groups?						
Are they children/minors?						
Are they patients?						
Are they healthy volunteers for medical studies?						
Does your research involve physical interventions on the study participants?						
Does it involve invasive techniques?						
Does it involve collection of biological samples?						
If your research involves processing of genetic information, see also section 4						

3. HUMAN CELLS/TISSUES	YES	NO	Page	**EXPERT EVALUATION** *(Not to be completed by the candidate*		
				2=Compliant can proceed to the next step	1=Compliant but the same issues are not found, but the proposal does not raise critical issues Can proceed to the next step	0=Not compliant/ Rejected
Does your research involve human cells or tissues (other than from Human Embryos/ Foetuses, i.e. section 1)?						
Are they available commercially?						
Are they obtained within this project?						
Are they obtained within another project?						
Are they deposited in a biobank?						

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4. PERSONAL DATA (ii)	YES	NO	Page	EXPERT EVALUATION *(Not to be completed by the candidate*		
				2=Compliant can proceed to the next step	1=Compliant but the same issues are not found, but the proposal does not raise critical issues Can proceed to the next step	0=Not compliant/ Rejected
Does your research involve personal data collection and/or processing?						
Does it involve the collection and/or processing of sensitive personal data (e.g.: health, sexual lifestyle, ethnicity, political opinion, religious or philosophical conviction)?						
Does it involve processing of genetic information?						
Does it involve tracking or observation of participants?						
Does your research involve further processing of previously collected personal data (secondary use)?						

5. ANIMALS (iii)	YES	NO	Page	EXPERT EVALUATION *(Not to be completed by the candidate*		
				2=Compliant can proceed to the next step	1=Compliant but the same issues are not found, but the proposal does not raise critical issues Can proceed to the next step	0=Not compliant/ Rejected
Does your research involve animals?						
Are they vertebrates?						
Are they non-human primates?						
Are they genetically modified? (iv) (regulation)						
Are they cloned farm animals?						
Are they endangered species?						

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6. THIRD COUNTRIES	YES	NO	Page	EXPERT EVALUATION *(Not to be completed by the candidate*		
				2=Compliant can proceed to the next step	1=Compliant but the same issues are not found, but the proposal does not raise critical issues Can proceed to the next step	0=Not compliant/ Rejected
Does your research involve non-EU countries?						
Specify the countries involved: (Maximum number of characters allowed: 1000)						
Do you plan to use local resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, endangered fauna or flora samples, etc.)? (v)						
Do you plan to import any material from non-EU countries into the EU? *For data imports, please fill in also section 4. For imports concerning human cells or tissues, fill in also section 3.*						
Specify material and countries involved: (Maximum number of characters allowed: 1000)						
Do you plan to export any material from the EU to non-EU countries? *For data exports, please fill in also section 4. For exports concerning human cells or tissues, fill in also section 3.*						
Specify material and countries involved: (Maximum number of characters allowed: 1000)						
If your research involves low and/or lower middle income countries, are benefits-sharing measures foreseen? (vii)						
Could the situation in the country put the individuals taking part in the research at risk?						

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7. ENVIRONMENT & HEALTH and SAFETY See legal references at the end of the section. (vi)	YES	NO	Page	**EXPERT EVALUATION** *(Not to be completed by the candidate*		
				2=Compliant can proceed to the next step	1=Compliant but the same issues are not found, but the proposal does not raise critical issues Can proceed to the next step	0=Not compliant/ Rejected
Does your research involve the use of elements that may cause harm to the environment, to animals or plants? *For research involving animal experiments, please fill in also section 5.*						
Does your research deal with endangered fauna and/or flora and/or protected areas?						
Does your research involve the use of elements that may cause harm to humans, including research staff? *For research involving human participants, please fill in also section 2.*						

8. DUAL USE (vii)	YES	NO	Page	**EXPERT EVALUATION** *(Not to be completed by the candidate*		
				2=Compliant can proceed to the next step	1=Compliant but the same issues are not found, but the proposal does not raise critical issues Can proceed to the next step	0=Not compliant/ Rejected
Does your research have the potential for military applications?						
9. MISUSE						
Does your research have the potential for malevolent/criminal/terrorist abuse?						
10. OTHER ETHICS ISSUES						
Are there any other ethics issues that should be taken into consideration? Please specify						
Please specify: (Maximum number of characters allowed: 1000)						

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☑ I confirm that I have taken into account all ethics issues described above and that, if any ethics issues apply, I will give more information in my research proposal and attach the required documents.

Signature
(Please sign this document)

The applicable legislation is the Horizon2020 legislative acts.

The list of references is non-exhaustive. More general information and an e-Library containing the most important pieces of legislation relevant to research activities can be found on the Europa website.

(i) REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL laying down the rules for the participation and dissemination in Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020)

REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL establishing Horizon 2020 - The Framework Programme for Research and Innovation (2014-2020)

(ii) Directive 95/46/EC of the European Parliament and of the Council of 24 October 1995 on the protection of individuals with regard to the processing of personal data and on the free movement of such data

(iii) DIRECTIVE 2010/63/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 September 2010 on the protection of animals used for scientific purposes

(iv) Regulation (EC) No 1946/2003 of the European Parliament and of the Council of 15 July 2003 on transboundary movements of genetically modified organisms

(v) Nagoya protocol (vi) Environmental protection

Directive 2001/18/EC of the European Parliament and of the Council of 12 March 2001 on the deliberate release into the environment of genetically modified organisms and repealing Council Directive 90/220/EEC - Commission Declaration

Directive 2009/41/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 6 May 2009 on the contained use of genetically modified micro-organisms

Regulation EC No 1946/2003 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 15 July 2003 on transboundary movements of genetically modified organisms

Directive 2008/56/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 17 June 2008 establishing a framework for community action in the field of marine environmental policy (Marine Strategy Framework Directive

Council Directive 92/43/EEC of 21 May 1992 on the conservation of natural habitats and of wild fauna and flora Council Directive 79/409/EEC of 2 April 1979 on the conservation of wild birds Council Regulation EC No 338/97 of 9 December 1996 on the protection of species of wild fauna and flora by regulating trade therein

(vii) COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use item

7.5 Extension request form, if needed

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EDENE
EXTENSION REQUEST FORM

FULL NAME OF THE CANDIDATE

First name	LAST NAME

CONDITIONS

Candidates can apply within 3 years from obtaining their Master Degree. In case the time between obtaining the Master's degree and the date of Application exceeds 3 years, extensions of this period will be granted for **maternity** leave (18 months for each child born before or after the Master's graduation, or if the applicant can document a longer maternity leave, the eligibility period will be extended by the documented amount of actual leave taken until the call deadline), **paternity** (extension by the documented time of paternity leave taken until the call deadline for each child born before or after the Master's graduation), **long-term illness or national service** (extension by the documented amount of leave taken until the call deadline for each incident which occurred after the Master's graduation date). **Please join a valid proof for any reason described above**.

The extension is requested for the following reason:

REASON	*Tick the appropriate case*	**DATE**
Maternity		
Paternity		
Long-term illness		
National service		

8 ANNEX II. Instruction Guide for the E2S platform

To apply to EDENE on the E2S Platform **https://aap-e2s.univ-pau.fr**, please follow the 5 steps. **AT ANYTIME, YOU CAN SWITCH THE WEBSITE INTO THE ENGLISH VERSION**

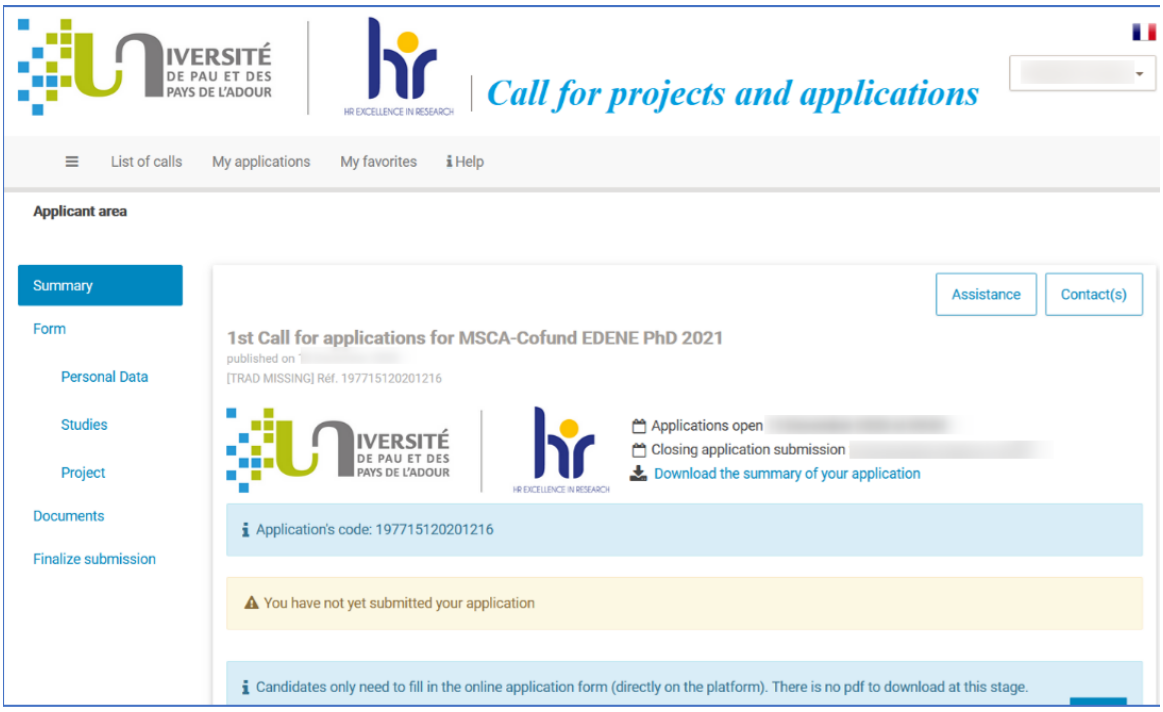
1. CLICK ON APPLY

2. IDENTIFY YOURSELF: CHOOSE YOUR CONNECTION MODE

I already have an account **INSTITUTIONAL ACCOUNT**	**I dont' have an account** **ACCOUNT OF THE APPLICATION**
LOG IN	2.1 Click on REGISTER
	2.2. Create **an account by creating an account in the application** and fill the form and validate. You then have the message above the page: *Your request to register has been taken into account. You will receive an e-mail with a link to finalize your registration.*
	2.3 Look at your mailbox - confirmation received-, click on the link
	2.4 Go back to EDENE offer and click on Apply
	LOG IN

3. SUBMIT YOUR APPLICATION FORM GLOBAL DOCUMENT

The first page summerizes all the steps you need to complete: 3.1.FORM (Personal Data, Studies, Project), 3.2. DOCUMENTS, 4. FINALIZE SUBMISSION



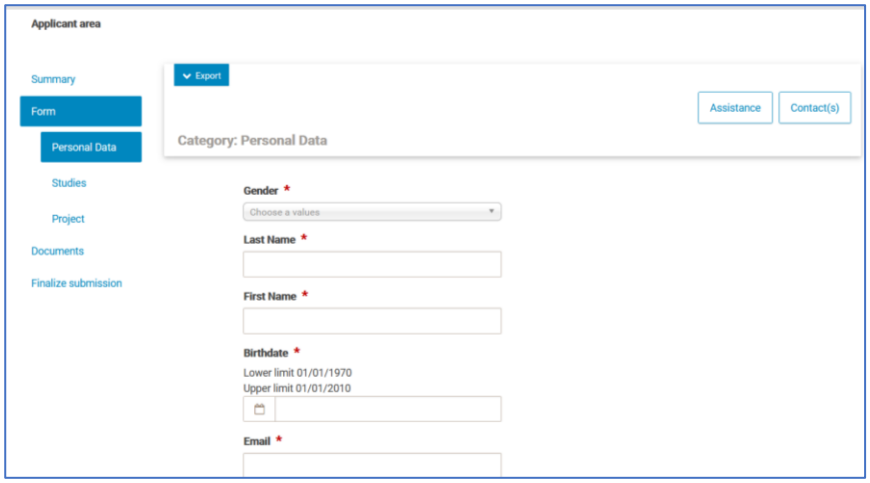
3.1. Fill the successive stages of the FORM

Personal Data

Studies

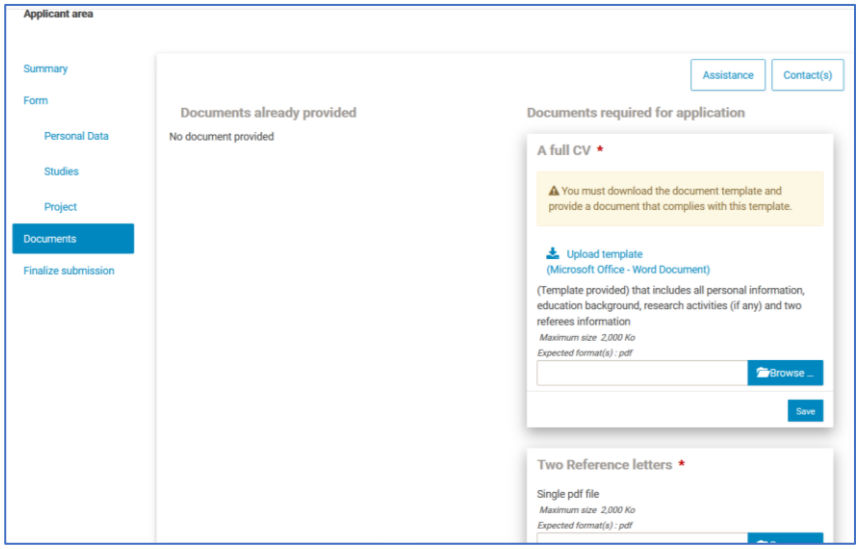
Project

Fields marked with an asterisk * are required



3.2. Attach all the DOCUMENTS REQUIRED FOR APPLICATION

Fields marked with an asterisk * are required



DOCUMENTS REQUIRED FOR APPLICATION

CLICK ON “Upload template” if a template is required.

If the size of the Application Form Global Documents PDF file is too big, please reduce the size of your documents (in Ko).

In case of difficulties, please click on **Assistance** on the platform and/or send an email alert to **Contact(s)**: **edene@univ-pau.fr**

4. FINALIZE SUBMISSION

CLICK ON "SUBMIT YOUR APPLICATION"

CLICK ON "SEND"

5. APPLICATION CONFIRMATION ON EDENE WEBSITE + MAILBOX

You will receive an email confirming that your application has been successfully submitted.

IN THE RECRUITMENT PROCESS OF EDENE YOU WILL BE INFORMED IN APRIL-MAY 2022 IF YOU ARE SELECTED FOR AN ORAL INTERVIEW

CONTACT

Université de Pau et des Pays de l'Adour
Avenue de l'Université
BP 576
64012 Pau Cedex

edene@univ-pau.fr
www.univ-pau.fr/edene