



**Politecnico  
di Torino**



**Finanziato  
dall'Unione europea  
NextGenerationEU**

**CALL FOR APPLICATIONS FOR ADMISSIONS TO NATIONAL PhD  
PROGRAMME IN MATERIALS, SUSTAINABLE PROCESSES AND  
SYSTEMS FOR ENERGY TRANSITION WITH ADMINISTRATIVE SEAT  
AT POLITECNICO DI TORINO  
(XXXVIII CYCLE) – 01.11.2022 / 31.10.2025**

**EXECUTIVE SUMMARY**  
(not legally binding)

**Article 1**

**PhD programme in Materials, sustainable processes and systems for energy transition**

1. For the 38th cycle, a public competition for the admission to the national PhD programme in Materials, sustainable processes and systems for energy transition with administrative seat in Politecnico di Torino is announced.
2. The following bodies / universities participate in the doctorate:
  - Politecnico di Torino (administrative office)
  - Università di Roma La Sapienza
  - Università degli studi di Bologna
  - Università degli Studi di Torino
  - Università degli Studi di Napoli Federico II
  - Università del Salento
  - Università degli studi del Piemonte Orientale “Amedeo Avogadro” Vercelli
  - Istituto Nazionale di Ricerca Metrologica (INRIM)
  - Consiglio Nazionale delle Ricerche (CNR)
  - Istituto Italiano di Tecnologia (IIT).

**Article 2**

**Organization of the Activities of PhD Candidates Enrolled in the Programme**

1. The PhD candidates, as involved in a single, joined and shared didactic-scientific project, may conduct their researches and training activities in the various seats of the universities/institutions involved in the national PhD programme. A real sharing of the structures necessary for the development of the teaching and research activities is granted to these candidates, aimed at the realization of the doctoral project.
2. At the end of the programme, after passing the final exam, each of the administrative seat universities releases the diploma of “National PhD programme in materials, sustainable processes and systems for energy transition” jointly with the other four administrative seat universities, with their respective logotypes.
3. The PhD candidate's activity starts on 1<sup>st</sup> November of the first year of the programme and ends on the 31<sup>st</sup> October of the third year.



Politecnico  
di Torino



Finanziato  
dall'Unione europea  
NextGenerationEU

### Article 3 Scholarships

1. The gross annual amount of a PhD scholarship for the academic year 2022/2023 is € 16.243,00. The awarding of the scholarship is restricted to the lack of incompatibilities laid down in the current regulations. The scholarship will be awarded from 1<sup>st</sup> November 2022, therefore the absence of incompatibilities must remain from this date (1<sup>st</sup> November 2022). Each University, within the scope of its own financial autonomy, may eventually contribute to the integration of the financed ministerial scholarship.
2. Each scholarship is theme-bound, that is, there is a requirement for the recipients to focus their doctoral research on a specific topic and conduct their research activity at the host university offering the scholarship, as stated in the table published at <http://dottorato.polito.it/en/scholarships> et The scholarships will be assigned only to applicants evaluated by the board as eligible to be awarded a scholarship for that specific topic.
3. Applicants admitted to the oral examination must **express their choice for at least 3 up to a maximum of 5 scholarships starting from 5 days before the beginning of the interviews of the relevant PhD programme and up to 12.00 pm (noon, CET) of the day before that the interviews begin through the on-line procedure available on the Apply@polito.it platform**, (see article 4).
4. With regards to scholarships financed by an external institution, the enrolment is subject to the subscription of the related convention between Politecnico di Torino and the financing institution.



**Politecnico  
di Torino**



**Finanziato  
dall'Unione europea  
NextGenerationEU**

5. The Italian Recovery and Resilience Plan (RRP), in the frame of Mission 4 Component 1 and 2, has allocated resources for doctoral scholarships for researches dedicated to:
  - digital and environmental transition;
  - topics connected to the RRP;
  - public administration;
  - cultural heritage;
  - innovative doctorates with the contribution and involvement of enterprises.The Italian Ministry for University and Research (MUR) has implemented these measures in support of the PhD programmes under Ministerial Decrees No. 351 and NO. 352 of 9 April 2022 and assigned the resources of the RRP to Universities for the XXXVIII cycle.
6. Scholarships financed under the Ministerial Decrees 351 and 352 of 9 April 2022 referred to in paragraph 5 above, please read carefully the conditions and obligations set forth as detailed in Annexes no 1 and 2.
7. The following categories of applicants cannot receive any PhD scholarship:
  - a) individuals who have already received a scholarship for a PhD programme in Italy;
  - b) civil servants who are on special leave but still receive their salary and social security contributions.
  - c) research fellows /assegnisti di ricerca (see art.10, paragraph 6).
  - d) individuals who have a contract of "Alta Formazione e Ricerca" (art. 45 of Legislative Decree no. 81/2015).

#### **Article 4 Admission procedure**

1. In order to participate in the competition, **the applicants must:**
  - a) **Submit their application form by 12:00 p.m. (noon - CET – Italian time) of 31<sup>st</sup> August 2022, only from the Apply@polito platform** which is accessible from the homepage of Politecnico di Torino website <https://apply.polito.it/en/>  
Applicants who log into the Apply@polito.it platform <https://apply.polito.it/en/> for the first time and those students who do not own a student matriculation in Politecnico di Torino are required to register first. Graduates and graduands from Politecnico di Torino must log into the Apply@polito platform using their credentials (user: S+number – password: date of birth, in the format "ddmmyyy" or changed password).
  - b) **attach the following documents** to their application:



**Politecnico  
di Torino**



**Finanziato  
dall'Unione europea  
NextGenerationEU**

a)	A copy of a <b>valid identification document</b>	Both front and back side with picture and signature.
b)	<p>Certificate or self-declaration (see Annex 3) with the information on their academic background:</p> <ul style="list-style-type: none"> <li>- <b>Bachelor's degree</b> (1st level degree), with final grade, date and place of conferral;</li> <li>- <b>Master's degree</b> (Laurea Magistrale – 2nd level degree) or equivalent qualification, as specified in art. 5, paragraph 1), with final grade, date and place of conferral, if already awarded;</li> <li>- <b>List of the exams taken</b> during the whole academic path, with grades, dates and places of the exams.</li> </ul>	<p>These documents must be produced in a language of the candidate's choice among Italian, English, French, Portuguese or Spanish.</p> <p><u>Graduates and graduands from Politecnico di Torino do not need to attach the above-mentioned certificates/self-declarations.</u></p>
c)	<b>Letter of recommendation</b> from a teacher of the reference scientific community in support of the application	In Italian or English
d)	<b>English language certificate</b> or self-declaration to prove their knowledge of the English language (if any)	With score, date and place of examination, if already obtained.
e)	<b>Abstract of Master's thesis</b>	<p>In Italian or English.</p> <p>Max length: 4.000 characters (spaces included).</p>
f)	<b>Short statement of purpose (SOP)</b> on the applicant's research interests and motivations for undertaking the PhD programme, meant to underline their scientific preparation on the research topics carried out by the doctoral programme they are applying at in order to emphasize their ability to engage with one or more topics of research.	<p>In Italian or English.</p> <p>Max length: 4.000 characters (spaces included).</p>
g)	<b>Name and e-mail address of the two referees</b> which can be contacted by the Admissions Committee to get useful information for the evaluation of the application.	
h)	<b>Publications</b>	Fill in the appropriate section with title, place and year of publication
i)	<b>Any other document</b> which applicants deem useful for the purpose of evaluating their application	For instance: other Bachelor's or Master's degrees, Diploma Supplement, prizes and awards, professional experience, any other document useful for the purpose of declaring applicants suitable for admission to a PhD programme, etc.

In their application form, applicants must declare under their own responsibility that they are aware that the originality of their publications and papers presented for admission to the programme or produced during the PhD programme at Politecnico di Torino may be checked with an anti-plagiarism software.

In accordance with current legislation you are not allowed to be simultaneously enrolled in in any other university programme. If you are enrolled in another programme, you must ensure to finish your studies



**Politecnico  
di Torino**



**Finanziato  
dall'Unione europea  
NextGenerationEU**

or suspend them before enrolling in the PhD except for any subsequent amendments and regulatory additions to the regulations in force.

All the above-mentioned attachments are integral part of the applications for the selection process, which must be written in the form of a lawful self-declaration, in accordance with art. 46 and 46 of DPR no. 445/2000 and subsequent amendments. The documents attached to the application for its evaluation must be written in the form of self-certificates or *dichiarazioni sostitutive di atto di notorietà* as provided for by the law. The application made by the candidate must include all the necessary information for the evaluation of the academic qualification and the verification of its truthfulness. Failure to include even a single element entails that the qualification will not be evaluated.

- c) Applicants are required to **pay a non-refundable € 30.00 fee** by the mandatory date of **31<sup>st</sup> August 2022 at 12:00 p.m. (noon - CET - Italian time)**. This amount must be paid on-line by credit card (VISA, MasterCard) at the end of the on-line application process. Payment can be made in the following ways:
- credit cards (or other forms of payment provided by the PagoPA platform), which give rise to immediate payment;
  - pre-printed payment notices (MAV on the PagoPA platform), which give rise to a deferred payment

The payment made according to the method referred to in number 2) is valid only on condition that, after making the payment, you re-enter the Apply @ polito portal, self-certifying pursuant to art. 46 and 47 of the Presidential Decree n. 445/2000 the date on which the payment was made, by entering the date itself in the appropriate space provided by the portal Apply@polito. Both the payment and the self-certification must be made within the terms set out in the previous art. 4.

**The application process is finalized and valid only after the payment of the above-mentioned fee;** afterwards, applicants will no longer be able to modify their application. Applicants who do not pay the fee, or whose payment does not result performed by the planned mandatory date, will be excluded from the selection process.

2. Politecnico di Torino will not take into consideration any declaration, qualification, publication or request to modify submitted documents after the closing date of this Call. Politecnico di Torino will evaluate exclusively the qualifications already obtained by the applicants by the closing date of the Call and submitted in accordance with the instructions provided in this article. Applications received after the closing date of the Call, or with different modalities from those above-mentioned, will not be valid.
3. Applicants with disabling conditions or with SLD certificate will have to submit an appropriate request within the 31st August 2022, in order to make use of assistance or additional time during the admission test.



**Politecnico  
di Torino**



**Finanziato  
dall'Unione europea  
NextGenerationEU**

## **Article 5 Admission Requirements**

1. Only applicants who **earned their Master's degree**, or old system or a foreign equivalent qualification, **no later than 31<sup>st</sup> October 2022** will be admitted to the selection process.
2. The application from applicants with a foreign qualification will be subject to evaluation of its suitability by the Admissions Committee, for the sole purpose of the admission to the competition. The evaluation will be conducted in accordance with the current legislation applicable in Italy and in the country where the qualification was released, as well as with the international agreements concerning the recognition of qualifications for the pursuit of the studies. The Committee will have to evaluate its comparability to the Italian qualification required to access the PhD programme in terms of level, nature, content and academic rights (access to further courses). Applicants with foreign qualifications are required to submit the documents useful for the purpose to verify their degree (e.g. translation, legislations, declaration of value, Diploma Supplement, certificate of the exams, certificates such as ERIC-NARIC, etc.). The lack of these documents may affect the evaluation of the foreign degree as admission requirement in the event the Committee will not be able to deliberate the above-mentioned necessary comparability
3. **The foreign degree and eventual supporting documentation will have to be submitted during the online application (through upload procedure exclusively), by the mandatory deadline of the call.**
4. Anytime, the university may exclude applicants without the necessary requirements.

## **Article 6 Assessment Criteria**

1. The competition consist of the evaluation of the documents attached to the application form and an interview. The eligibility assessment is carried out by a Committee appointed by Rector's Decree.
2. Applicants will be assessed by a specific Admissions Committee appointed by the Rector and staffed by minimum 3 members chosen from among tenured faculty members and permanent researchers or other professionals with competencies in the specific research field for PhD programmes organized in cooperation with other institutions (see list in art. 1). The Admissions Committee can also be composed of international and/or Italian research experts, chosen among members of public or private academic or research institutions and centres with specific expertise in the field. The composition of the Admissions Committees is published on the Doctoral School webpage at: [http://dottorato.polito.it/en/energy\\_transition](http://dottorato.polito.it/en/energy_transition)
3. Admissions Committee can assign a maximum of 100 points to each applicant, divided as follows:
  - attached documents: maximum 60 points
  - interview: maximum 40 points.
4. **Applicants must score at least 40 points** summing the scores obtained for their qualifications and statement of purpose/recommendation letters **in order to be admitted to the interview**. The list of admitted applicants will be published on [http://dottorato.polito.it/en/energy\\_transition](http://dottorato.polito.it/en/energy_transition)
5. The interview aims to assess the applicant's professional and academic background, scientific and cultural interests, basic academic competencies required to undertake the PhD programme and carry out the research project related to a PhD scholarship with predefined research topic chosen by the applicant on the Apply@polito.it platform or also not selected but verified by the Commission during the interview. **The interview is to be considered passed with a minimum score of 28 points.**
6. The date, time and interview modalities for each applicant will be published on the webpage [http://dottorato.polito.it/en/energy\\_transition](http://dottorato.polito.it/en/energy_transition) at least 5 days before. Applicants are required to check the



**Politecnico  
di Torino**



**Finanziato  
dall'Unione europea  
NextGenerationEU**

above-mentioned website without receiving any further personal invitation to the interview. Failure to attend the interview entails the exclusion of the applicant from the selection process.

7. The interviews will take place exclusively in videoconference. Applicants must specify their contact details which are going to be used by the Committee for the video call and they must also ensure that they will make use of a webcam to be identified. Applicants must be available on the day of the interview in accordance with the timetable; the Committee and the applicant may arrange a time for the beginning of the interview. Applicants are required to prove their identity before the interview starts by showing the same identification document they attached to their application form. Applicants will be excluded from the selection process if they do not provide their contact details, do not connect to the video call, are unavailable on the date/time of the interview or do not show their identification document. The Athenaeum is not liable for any technical problems which may hinder the remote interview. Oral interviews, including remote interviews, are public.
8. The dates of the selection process and the results will be published on the website at [http://dottorato.polito.it/en/energy\\_transition](http://dottorato.polito.it/en/energy_transition). This publication is considered valid for all legal purposes as an official notification, without receiving any further personal notification. Possible further updates





regarding the selection process will be sent to the applicants exclusively to the e-mail address provided in the application form.

## **Article 7 Ranking Lists**

1. At the end of the selection process, the Admissions Committee will draft the final merit ranking list of the applicants based on their individual scores. Only the applicants who score a minimum of 28/40 points will be considered eligible for admission to a PhD programme. On an equal footing, the younger candidate will prevail.
2. A conditional offer of admission will be made to eligible applicants who have not earned their Master's degree yet (and/or are currently enrolled in an academic programme at another Italian/international university or research center).
3. The Admissions Committee gives the offered PhD scholarships taking into consideration the ranking list, the number of scholarships available, the applicants' cultural-scientific interests and their eligibility to receive a scholarship with predefined research topic. In order to do so, the Committee follows the order in the ranking list and the availability of scholarships, with the exception of the evaluation of eligibility expressed by the Admissions Committee concerning the adequacy of the applicant's educational profile.
4. If the Admissions Committee does not offer any PhD scholarship with predefined research topic to any applicant, the number of PhD positions provided for in this Call will be reduced. The documents of the selection process and the final merit ranking lists for admissions to each PhD programme (which include the final scores, positions on the ranking list, possible scholarship allocation to eligible applicants) must be approved by the Rector.
5. The final merit ranking lists with the names of the applicants who have been admitted to the PhD programme will be published at the webpage [http://dottorato.polito.it/en/energy\\_transition](http://dottorato.polito.it/en/energy_transition). No personal messages will be sent to successful applicants. The publication of the ranking lists and their subsequent updates must be considered as the official notification of the results.
6. Applicants who have been admitted to the PhD programme must enrol within the deadlines referred to in Article 8, except for the recipients of a PhD scholarship funded under Ministerial Decrees no. 351 and no. 352 for which specific deadlines will be informed about the specific deadline for enrolling. In order to comply with the time constraints imposed by MUR for the eligibility checks, the enrolment of these candidates must be concluded in September.  
The modalities and the list of applicants who are eligible to replace possible applicants who declined their offer of admission or lost their right to enrol will be published at the webpage [http://dottorato.polito.it/en/energy\\_transition](http://dottorato.polito.it/en/energy_transition), following the order in the ranking list. Ranking lists will scroll only in case of available positions resulting from lack of enrolment or waiver. Eligible applicants who are offered a PhD position (replacement) but do not accept the PhD offer within the deadlines will be considered to have implicitly renounced their offer of admission. In case of waiver of the scholarship or lack of enrolment, the scholarship will be assigned following the scrolling of the ranking list and the modalities referred above..

## **Article 8 Enrolment**

1. Applicants who have been admitted to a PhD programme **must enroll by 15th November 2022, under penalty of exclusion from the programme.** For the recipients of PhD scholarships funded under the Ministerial Decrees 351 and 352 (see Annexes 1 and 2), the deadline for the second phase of enrolment must take place in September 2022 and will be indicated directly on the page [http://dottorato.polito.it/en/enrolling\\_with\\_scholarship](http://dottorato.polito.it/en/enrolling_with_scholarship). Failure to enrol within the times communicated will result in the automatic loss of the benefit. The renunciation, even tacit, entails exclusion from the admission procedure to the doctorate





**Politecnico  
di Torino**



**Finanziato  
dall'Unione europea  
NextGenerationEU**

2. The enrolment to the PhD is only allowed with a scholarship.
3. The enrolment procedure is divided into two phases and is to be considered completed following the completion of both phases.

**First phase: online enrolment to be completed strictly by 31st October 2022:**

Applicants enrol online through the **Apply@polito** procedure, simultaneously paying the contributions referred to in comma 9.

Applicants admitted "**with condition**" can proceed with their online enrolment within the deadlines set out only after verifying the condition, in particular:

- Applicants who have achieved the II level qualification after the deadlines for submitting the application must enter the data related to this title, clearly indicating the grade, date and place of obtaining.
- Applicants who were enrolled in another PhD course, first or second level degree course, first or second level university masters, specialization school at Italian universities and/or foreign research institutes must declare the termination or suspension of this career.

**Second phase: enrollment at the Doctoral School of Politecnico di Torino by 8<sup>th</sup> November 2022:**

At the end of the online enrollment procedure, the date and time at which the applicants must present themselves at the offices of the Doctoral School for the second phase of enrollment, including identification, is indicated by presenting a photocopy of the identity card or passport.

Applicants who have obtained the II level qualification abroad must also submit Master Degree certificate and certificate of related exams in original, written in one of the languages indicated in art. 4.

The enrollment procedure ends with the delivery to the PhD student of the Politecnico di Torino Smart Card.

In the event that, for proven reasons, the PhD student cannot be in Turin by 8<sup>th</sup> November to complete the second phase of enrollment in attendance by the deadline indicated above, **the completion of the second phase of enrollment is exceptionally allowed remotely, from 10<sup>th</sup> to 15<sup>th</sup> November 2022**, by appointment at the **Virtual Desk** of the offices of the Doctoral School. This procedure does not allow the Smart Card to be released.

4. **Enrolment must be completed no later than 15th November 2022, under penalty of exclusion from the admission procedure to the doctorate.** For the recipients of PhD scholarships funded under the Ministerial Decrees 351 and 352, the deadline for the second phase of enrolment must take place in September 2022 to comply with the Ministry requirements and timing
5. PhD students who have completed the second phase of enrolment through the Virtual Desk, are enrolled **with reserve and must present themselves for the delivery of documents to the Doctoral School by 31st January 2023. Failure of the student to arrive in Turin and failure to deliver the documentation by the deadline will be considered as renunciation of the doctorate.**
6. The start of the scholarship is subject to the full completion of the enrolment procedure and, as a rule, to the actual presence at the Politecnico di Torino. In any case, payment can only take place after the student has communicated a personal current account or one of which he is a joint holder through the Teaching Portal.
7. Candidates who are currently working must submit to the Doctoral School, by **15th November 2022, the declaration on the work activity** using the form available at the addresses <http://dottorato.polito.it/it/home> These candidates are enrolled with reserve.
8. The Administration reserves the right to verify at any time the veracity of the documents and self-certifications submitted and to proceed to take the consequent measures if they are found to be untrue, without prejudice to the resulting criminal liability.



**Politecnico  
di Torino**



**Finanziato  
dall'Unione europea  
NextGenerationEU**

9. The PhD candidates are not required to pay the university fee but must pay a fee, which includes the premium for accident insurance, revenue stamp and Regional tax for the Right to University Education – EDISU fee. This fee will not be refunded under any circumstances.

10. As a general rule, the scholarship is paid to the PhD candidate upon full completion of the enrolment process and after arrival at Politecnico di Torino. In consideration of the current health crisis and related travel restrictions, Politecnico can pay the scholarship also to the PhD candidates who attend the programme remotely, provided that they have a written authorization signed by the PhD Supervisor and by the Programme Coordinator. In any case, payment can only take place after the PhD candidate has entered his/her bank details on the Teaching Portal (a personal bank account or an account of which he/she is a joint holder).

### **Article 9 Rights and Responsibilities of PhD candidates**

1. Admission to the PhD programme requires exclusive and full-time commitment. PhD candidates are required to attend classes full-time and conduct their study and research activities in the place of research and in compliance with the Call for application, the Regulations for PhD Programme and the terms established by the Academic Board of the programme.
2. Non-EU citizens are required to comply with the norms on entry visa and residence permit.
3. For the recipients of PhD scholarships funded under the Ministerial Decrees 351 and 352 I should also comply with the provisions set in Annexes 1 and 2.

### **Article 10 RESPONSIBLE FOR PROCEDURE AND THE PROCESSING OF PERSONAL DATA**

1. The responsible for the administrative procedure is the Responsible of the higher Education Service of Politecnico di Torino.
2. In accordance with the General Data Protection Regulation (GDPR) n.2016 n.679 and the "Code regarding the protection of personal data" (Legislative Decree No. 196 of 30th June 2003 and further amendments), personal data will be processed by Politecnico di Torino in pursuit of its institutional aims and in accordance with the transparency purposes imposed by the law. The processing of personal data is based on the principles of correctness, lawfulness and relevance of purposes. More information on the processing of personal data is available at: [https://didattica.polito.it/privacy/index\\_en.html](https://didattica.polito.it/privacy/index_en.html)
3. Access to all documents is allowed in the forms provided for by current legislation.
4. Any requests for information may be sent using the Ticketing Support System that is accessible following the procedure illustrated at [https://didattica.polito.it/segreteria/contatta/en/phd\\_scuolespecializzazione.html](https://didattica.polito.it/segreteria/contatta/en/phd_scuolespecializzazione.html)

### **Article 11 CALL ADVERTISEMENT**

1. The present call will be advertised on the European website Euraxess, on the MIUR and on the Doctoral School website [http://dottorato.polito.it/en/energy\\_transition](http://dottorato.polito.it/en/energy_transition) . Any variation will be disclosed on this website.
2. The present call and the ranking lists will be published on the official list of Politecnico di Torino.

THE CHANCELLOR  
Prof. Guido Saracco

CL/cg



## **ANNEX 1**

### **PhD SCHOLARSHIPS FOR PROGRAMMES DEDICATED TO THE INCREASE OF HUMAN RESOURCES INVOLVED IN RESEARCH-ORIENTED ACTIVITIES, IN PUBLIC ADMINISTRATION AND IN CULTURAL HERITAGE- M. D. no. 351/2022**

The Italian Recovery and Resilience Plan (RRP), in the frame of Mission 4 Component 1 Investment 3.4 and Mission 4 Component 1 Investment 4.1 allocates resources for dedicated doctoral programmes focused on increasing human resources involved in research-oriented activities, in Public Administration and in cultural heritage.

These projects, pursuant to the aforementioned Ministerial Decree 351/2022, are:

- a. consistent with the goals of Regulation (EU) 2021/241, with the overall strategy and the Detail Sheet of the RRP Component;
- b. oriented to achieve the results measured through milestones and targets that may be assigned to the investment within the terms set in the Plan;
- c. in accordance with the principle “do no significant harm” (DNSH) pursuant to art. 17 of Regulation (EU) 2020/852 consistent with the technical guidelines provided by the European Commission (Communication of the European Commission 2021/C58/01);
- d. suitable for addressing and overcoming gender inequalities;
- e. in support of the participation of women and young people, also in accordance with the provisions of Decree Law No. 77 of 31 May 2021 (also known as Simplification Decree), as amended by the Conversion Law No. 108 of 29 July 2021, concerning the management of the National Recovery and Resilience Plan.

The selected projects should also aim at:

- a. focusing on disciplinary and thematic fields consistent with the needs of the country, as well as of the regional territories interested by the programme, in terms of highly qualified human resources oriented to the innovation needs of the companies;
- b. providing for the implementation of the entire PhD Programme, education, research and evaluation, at the administrative and operating headquarters of the university, with the exception of the planned periods of study and research at the company and abroad;
- c. ensuring that the PhD candidate benefits from qualified and specific operational and scientific facilities to perform study and research activities, scientific laboratories, libraries, database, etc.;
- d. providing for the implementation of educational activities for linguistic and IT improvement, for research management and knowledge of the European and international research systems, for the enhancement of research results and intellectual property rights;
- e. promoting the enhancement of research results and the protection of intellectual property rights, ensuring open access to research results and related data to the public within the shortest time and with the least number of possible limitations, in accordance with the “Open Science” and “FAIR Data” principles;
- f. ensuring the respect of the horizontal principles of the RRP (environmental sustainability; sustainable development; equal opportunities and non-discrimination; accessibility for people with disabilities).

**The PhD projects include mandatory periods of study and research at the company from a minimum of six (6) months to a maximum of twelve (12) months, and mandatory periods of study and research abroad from a minimum of six (6) months to a maximum of twelve (12) months as follows:**

	<b>Periods abroad</b>	<b>Periods at the Company</b>
<b>Research on RRP topics</b>	mandatory	elective
<b>Research in the frame of Public Administration</b>	mandatory	mandatory in companies, research centres or Public Administration
<b>Research on digital and environmental transitions</b>	mandatory	mandatory in companies or research centres
<b>Research in the frame</b>	mandatory	mandatory



**Politecnico  
di Torino**



**Finanziato  
dall'Unione europea  
NextGenerationEU**

**of the cultural heritage**

in companies, research centres or Public Administration including museums, institutes of the Ministry of Culture, archives and libraries

### **PhD Scholarships**

Scholarships under this initiative are listed in the table published at [http://dottorato.polito.it/en/scholarships\\_et](http://dottorato.polito.it/en/scholarships_et) and are identified with the code DM 351 in the scholarship title. The table is integral part of this Call.

The table is an integral part of this Call.

The table may be updated after the publication of this Call in order to increase the number of scholarships.

Variations will be made public exclusively at the aforementioned website [http://dottorato.polito.it/en/scholarships\\_et](http://dottorato.polito.it/en/scholarships_et). Scholarships require to conduct the implementation of a predefined research topic detailed at. Applicants interested to compete for these scholarships must comply with the deadlines and procedures indicated in the present Call.

### **Assignment of scholarships**

The admission and application requirements, the selection criteria and procedures are detailed in the present call.

At the end of the selection process, applicants who have been offered a scholarship under the present project will be required to enrol in the PhD programme according to the deadlines mentioned in the Call.

Subsequently, the Italian Ministry for University and Research (MUR) will verify the eligibility of the projects. Whether these checks are positively completed, MUR allocates the funding to the University.

The assignment of scholarships referred to in this project is therefore to be considered “with condition” of the positive evaluation of both consistency and eligibility and the allocation of ministerial funds.

PhD activities funded under Ministerial Decree no. 351/22 must start by 31 December 2022

The **revocation** of the scholarship applies in the following cases:

- a) the PhD programme is realised in a different way from the project admitted to funding, if the necessary authorisation from the MUR has not been requested beforehand and subsequently granted;
- b) failure to complete the PhD course (three-year duration) with reference to the minimum period of study and research at the company or abroad.

### **Specific obligations of PhD candidates**

In addition to the requirements established in the Regulations of the Doctoral School of Politecnico di Torino applicable to all PhD candidates, and in compliance with the rules of Ministerial Decree no.

351/2022, PhD candidates who receive a scholarship in the framework of the present Call must also undertake to:

- submit a report on a six-month basis with the timesheet of their activities (organized by month spent at the university, abroad or at a private company) and a summary of the most important tasks. The reporting will be performed through an online platform using the template provided by MUR;
- complete the required mandatory periods of study and research at the company (minimum 6 months and maximum 12 months) and abroad (minimum 6 and maximum 12 months). Failure to comply with the required period at the company entails the revocation of the scholarship.
- guarantee the respect of the obligations in terms of communication and information as provided by the art. 34 of Regulation (EU) 2021/241, indicating in all the documents that the Programme is funded in the frame of the RRP, with explicit reference to the funding by the European Union and the NextGenerationEU initiative, including in the papers the EU logo, and also suitably share and promote the Programme – online and on social media – in line with what provided by the Communication Strategy of the RRP.
- respect the principle of not doing significant harm (DNSH) to environment, in accordance with Article 17 of Regulation (EU) 2020/852.



**Politecnico  
di Torino**



**Finanziato  
dall'Unione europea  
NextGenerationEU**

## **Annex 2**

### **PhD SCHOLARSHIPS FOR PROGRAMMES DEDICATED TO INNOVATIVE DOCTORATES RESPONDING TO THE INNOVATION NEEDS OF COMPANIES - M.D. no. 352/2022 -**

The Italian Recovery and Resilience Plan (RRP), in the frame of Mission 4 Component 2 Investment 3.3, allocates resources to activate dedicated doctoral programmes with the contribution and involvement of companies under the Ministerial Decree No. 352 of 9 April 2022.

The scholarships listed with the code DM 352 are co-funded by companies with selected research projects to be activated within the PhD courses accredited for the XXXVIII cycle. These projects, pursuant to the aforementioned Ministerial Decree 352/2022, are:

- a. consistent with the goals of Regulation (EU) 2021/241, with the overall strategy and the Detail Sheet of the RRP Component;
- b. oriented to achieve the results measured through milestones and targets that may be assigned to the investment within the terms set in the Plan;
- c. in accordance with the principle “do no significant harm” (DNSH) pursuant to art. 17 of Regulation (EU) 2020/852 consistent with the technical guidelines provided by the European Commission (Communication of the European Commission 2021/C58/01);
- d. suitable for addressing and overcoming gender inequalities;
- e. in support of the participation of women and young people, also in accordance with the pro-visions of Decree Law No. 77 of 31 May 2021 (also known as Simplification Decree), as amended by the Conversion Law No. 108 of 29 July 2021, concerning the management of the National Recovery and Resilience Plan.

The selected projects should also aim at:

- a. focusing on disciplinary and thematic fields consistent with the needs of the country, as well as of the regional territories interested by the programme, in terms of highly qualified human resources oriented to the innovation needs of the companies;
- b. providing for the implementation of the entire PhD Programme, education, research and evaluation, at the administrative and operating headquarters of the university, with the exception of the planned periods of study and research at the company and abroad;
- c. ensuring that the PhD candidate benefits from qualified and specific operational and scientific facilities to perform study and research activities, scientific laboratories, libraries, database, etc.;
- d. providing for the implementation of educational activities for linguistic and IT improvement, for research management and knowledge of the European and international research systems, for the enhancement of research results and intellectual property rights;
- e. promoting the enhancement of research results and the protection of intellectual property rights, ensuring open access to research results and related data to the public within the shortest time and with the least number of possible limitations, in accordance with the “Open Science” and “FAIR Data” principles;
- f. ensuring the respect of the horizontal principles of the RRP (environmental sustainability; sustainable development; equal opportunities and non-discrimination; accessibility for people with disabilities).

**All PhD projects include mandatory periods of study and research at the company from a minimum of six (6) months to a maximum of twelve (12) months, and mandatory periods of study and research abroad from a minimum of six (6) months to a maximum of twelve (12) months.**

#### **PhD Scholarships**

Scholarships under this initiative are listed in the table published at [http://dottorato.polito.it/en/scholarships\\_et](http://dottorato.polito.it/en/scholarships_et). The table is an integral part of this Call.

The table may be updated after the publication of this Call in order to increase the number of scholarships. Variations will be made public exclusively at the aforementioned website.

Scholarships require to conduct the implementation of a predefined research topic detailed at [http://dottorato.polito.it/en/scholarships\\_et](http://dottorato.polito.it/en/scholarships_et). **Applicants interested to compete for these scholarships must comply with the deadlines and procedures indicated.**

The amount and characteristics of the scholarships are detailed in art. 3 of the present call for application.

#### **Assignment of scholarships**

The admission and application requirements, the evaluation and selection are detailed in the present call.

At the end of the selection process, applicants who have been offered a scholarship under the present project will be required to enrol in the PhD programme according to the deadlines indicated.





**Politecnico  
di Torino**



**Finanziato  
dall'Unione europea  
NextGenerationEU**

Further to the enrolment, the Italian Ministry for University and Research (MUR) will verify the eligibility of the projects and the Italian National Agency for the Evaluation of Universities and Research Institutes (ANVUR) will verify the compliance with the requirements of Ministerial Decree no. 352/22. Whether these checks are positively completed, MUR allocates the funding to the University.

The assignment of scholarships referred to in this project is therefore to be considered “with condition” of the positive evaluation of both consistency and eligibility and the allocation of ministerial funds.

PhD activities funded under Ministerial Decree no. 352/22 must start by 31 December 2022.

The **revocation** of the scholarship applies in the following cases:

- a) the PhD programme is realised in a different way from the project admitted to funding, if the necessary authorisation from the MUR has not been requested beforehand and subsequently granted;
- b) failure to complete the PhD course (three-year duration) with reference to the minimum period of study and research at the company or abroad.

### **Specific obligations of PhD candidates**

In addition to the requirements established in the Regulations of the Doctoral School of Politecnico di Torino applicable to all PhD candidates, and in compliance with the rules of Ministerial Decree no. 352/2022, PhD candidates who receive a scholarship in the framework of the present Call must also undertake to:

- submit a report on a six-month basis with the timesheet of their activities (organized by month spent at the university, abroad or at a private company) and a summary of the most important tasks. The reporting will be performed through an online platform using the template provided by MUR;
- **complete the required mandatory periods of study and research at the company (mini-mum 6 months and maximum 12 months) and abroad (minimum 6 and maximum 12 months).** Failure to comply with the required period at the company entails the revocation of the scholarship.
- guarantee the respect of the obligations in terms of communication and information as provided by the art. 34 of Regulation (EU) 2021/241, indicating in all the documents that the Programme is funded in the frame of the RRP, with explicit reference to the funding by the European Union and the NextGenerationEU initiative, including in the papers the EU logo, and also suitably share and promote the Programme – online and on social media – in line with what provided by the Communication Strategy of the RRP.
- respect the principle of not doing significant harm (DNSH) to environment, in accordance with Article 17 of Regulation (EU) 2020/852.