



**Università
degli Studi
di Palermo**

AREA RICERCA E INNOVAZIONE
SETTORE DOTTORATI E CONTRATTI PER LA RICERCA
U.O. ASSEGGNI DI RICERCA



**PUBLIC SELECTIVE PROCEDURE FOR THE CONFERMENT OF N. 1 RESEARCH CONTRACT
PURSUANT TO ARTICLE 22 OF LAW 30 DECEMBER 2010, No. 240.**

THE RECTOR

HAVING REGARD to Law 09/05/1989, n. 168 "Establishment of the Ministry of Universities and Scientific and Technological Research";

HAVING REGARD to Law 07/08/1990, n. 241 "New rules on administrative procedure and the right of access to administrative documents and subsequent amendments and additions";

HAVING REGARD to the D.P.R. of 9 May 1994 n. 487 and subsequent amendments and additions concerning rules for access to public employment in the public administration and the procedures for holding competitions;

HAVING REGARD to D. 81 of 9 April 2008 on health and safety at the workplace;

HAVING REGARD to Law 05/02/1992, n. 104 "Framework Law for the assistance, social integration and rights of disabled persons";

HAVING REGARD to D. Lgs. 06.03.2001, n. 151 on the protection and support of maternity and paternity;

HAVING REGARD to the D.P.R. 28 December 2000 n. 445 Consolidated text of the laws and regulations on administrative documentation and subsequent amendments and
In the field of research;

HAVING REGARD to D. Lgs. 30 March 2001 n. 165 and subsequent amendments and additions concerning general rules on the organization of work in public administrations;

HAVING REGARD to D. Lgs. 30 June 2003 n. 196 on data protection rules personal and subsequent amendments and additions, pursuant to the U.E. Regulation n. 679 of 2016;

HAVING REGARD to Law 30/12/2010, n. 240 on "Rules concerning the organization of universities, academic staff and recruitment, as well as delegation to the Government to promote the quality and efficiency of the university system" and in particular art.22;

HAVING REGARD to the Law of 29 June 2022, n. 79 "Conversion into law, with amendments, of the decree-law of 30 April 2022, n. 36, on further urgent measures for the implementation of the National Recovery and Resilience Plan (PNRR)" and, in particular, paragraph 6-septies that has completely rewritten Article 22 of the Law n. 240 of 2010 introducing the new figure of research contracts in place of grants for research activities;

HAVING REGARD to the Ethical Code of the University issued with D.R. n. 4115 of 22/09/2022;

HAVING REGARD to the University Regulations for the award of research contracts pursuant to Article 22 of Law 30 December 2010, n. 240 issued with D.R. n. 3639 of 31/03/2025;



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HAVING REGARD to the request of the Director of the Engineering Department, received on 05/08/2025 with prot. no. 130530, regarding the activation of no. 1 research contract pursuant to article 22 of Law n. 240 of 30 December 2010, lasting 24 months, for which the Research Manager is Prof. Francesco Guarino, to be charged to the funds of the research Project UPCHANGE “Urban Positive Clean neighborhood energy transition: driving the change with renewable energy”, admitted to funding by the MUR as part of the international call “CETPartnership Joint Call 2023” – Code U-GOV: PRJ-1585 – WP: “Ricerca Fondamentale” - CUP: B73C24002670001;

HAVING REGARD to resolution no. 385/2025 of 23/07/2025 of the Council of the Engineering Department, regarding the request for activation of n. 1 research contract in relation to the research program entitled: *Urban Positive Clean neighborhood energy transition: driving the change with renewable energy*, to be carried out at the Engineering Department;

CONSIDERING that the funding allocated for the project Code U-GOV: PRJ-1585 has been regularly entered in the Department's 2025 EC budget;

TAKING INTO ACCOUNT the certification of allocation of the overall budget to cover the cost of the contract described above, transmitted by the Administrative Manager of the aforementioned Department;

DECREES

Art. 1 – Duration and amount of the research contract

A public selection procedure is called, by title and interview, for the award of **n. 1 research contract**, as specified below:

-GSD: 09/IIND-07

-SSD: IIND-07/B

- Head of Research: Prof. Francesco Guarino

- Engineering Department

-Title of the research program: *Urban Positive Clean neighborhood energy transition: driving the change with renewable energy*

- Description of the research program on which the post-doc researcher will be engaged:

The UPCHANGE project aims to develop innovative solutions for sustainable and energy-positive urban districts, integrating circularity and eco-design principles from the early design stages. The researcher will contribute to Life Cycle Assessment (LCA) activities to evaluate the environmental sustainability of proposed solutions — including active façades, energy flexibility tools, demand-side management systems, interoperable data collection, and AI pipelines. The analysis will cover all life cycle stages (material sourcing, production, use, end-of-life) to minimize environmental impacts and avoid burden shifting. The ideal candidate holds a PhD, has a strong scientific background in sustainability, autonomy,



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and the ability to work in multidisciplinary teams are also required. The research supports the project's sustainability goals and the development of low-impact Positive Energy Districts.

-Duration: 24 months

-Funds: Research Project UPCHANGE “Urban Positive Clean neigHborhood energy transition: driving the chANGE with renewable energy” – U-GOV Code: PRJ-1585 – WP: “Ricerca Fondamentale”;

-CUP: B73C24002670001

The total gross amount for 24 months is determined as € 56.912,96 including the costs to be borne by the recipient.

Art. 2 – Admission requirements

1. Only those who are in possession, on the expiry of the final date for submission of applications for admission may be selected to award research contracts of the Doctor of Research or of a diploma obtained abroad and recognised as equivalent for the sole purpose of participation in the selection procedure by the Selection Board, or, for the fields concerned, of the degree of specialization in the medical area.

2. Candidates who are enrolled in the third year of the PhD course or who are enrolled in the last year of the medical specialization course may also apply to the selection, provided that the award of the licence is to be made within six months of the date of publication of the selection notice.

3. May not participate in the selection:

a) permanent staff employed by universities, public research establishments and institutions whose diploma in scientific further training has been recognised as equivalent to the title of Doctor of Science within the meaning of Article 74, fourth paragraph, of the Decree of the President of the Republic of 11 July 1980, n. 382;

b) those who have benefited from fixed-term research contracts pursuant to Article 24 of Law 240 of 2010;

c) those who have a relationship of kinship or affinity up to and including the 4th degree with a professor/researcher belonging to the structure (Department, Autonomous Expenditure Centre) that has proposed the activation of the contract, or with the Rector, the Director-General or a member of the Board.

For admission to the public selection referred to in art. 1, it is also required to meet the following general requirements:

a) Italian nationality or the nationality of another Member State of the European Union, or a declaration that you are family members of persons who do not have the nationality of a Member State, provided they have the right of residence or the right of permanent residence, as well as third-country nationals who are holders of the EC residence permit for long-term residents or who have refugee status or subsidiary protection status;

b) fitness for service. It is without prejudice to the option for the Administration to submit to a medical check-up the/the contest winner/winner according to the current regulations;

c) be in compliance with the rules concerning the leverage obligations for new entrants until 1985;

d) the enjoyment of civil and political rights;

e) not have been convicted of criminal offences, even if they have not been found guilty, which prevent the establishment or continuation of the employment relationship with the public administration.

Applicants who have received criminal convictions must indicate the date of the sentence, the authority that issued it, the nature of the offence, even if a pardon, amnesty, etc., has been granted and even if



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nothing appears from the criminal record. Current criminal proceedings must also be indicated, whatever their nature.

Persons who have been excluded from the active political electorate, as well as those who have been dismissed or exempted from employment in a public administration for persistent underperformance shall not be eligible for employment, or have been declared as having lapsed from state employment, pursuant to art. 127, first paragraph, point d) of the single text of the provisions concerning the status of civil servants, approved by decree of the President of the Republic of 10 January 1957 n. 3 and those who have been dismissed for having obtained employment through the production of false documents and in any case with fraudulent means.

Citizens from the EU and non-EU member states must also meet the following requirements:

- enjoy civil and political rights in the States of their origin or nationality;
- possess, with the exception of the possession of Italian citizenship, all other requirements for citizens of the Republic;
- have adequate knowledge of the Italian language.

The prescribed requirements must be fulfilled on the expiry of the deadline for submission of an application.

The Administration may, at any time, by reasoned measure, exclude from the selection procedure for default of the prescribed requirements.

Art. 3 – Application and deadline for submission

Applicants submit their application for participation, together with a project proposal referring to the research programme selected.

The application for admission to the selective procedure, drawn up in free paper according to the scheme attached to the call (Annex 1, downloadable at the following link: <https://www.unipa.it/servizi/assegnidiricerca/contratti-di-ricerca/modulistica/>), digitally signed by the candidate (with digital signature in PAdES or CAdES format) and accompanied by the project proposal in reference to the research programme selected, the attachments that can be downloaded from the above link as well as the documentation deemed useful for the evaluation (in PDF format), must be addressed to the Research and Innovation Area – Doctoral Studies and Research Contracts Sector – U.O. Assegni di ricerca dell'Università degli Studi di Palermo, Piazza Marina n. 61 - 90133 Palermo and forwarded, **no later than thirty days** from the date of posting of this call to the register of the same University, by telematic means (within 24 hours on the thirtieth day), through personal PEC at: pec@cert.unipa.it.

The application for participation and the accompanying documents must be contained in a single JEP. For reasons related to the management of the certified e-mail box, the files to be sent as an attachment to the PEC must have a maximum total size of 30 MB. For the scientific work for which evaluation is requested, the candidate must submit a replacement declaration of certification in which he shall list them by number and subdivision by type. For each scientific work listed above, a link must be provided through which the Commission can access it.

The Administration is exempt from any liability for non-receipt of the PEC sent by the candidates due to technical problems and/or causes not attributable to it.

For individuals from EU member states and non-EU countries, the application for admission to the selective procedure, duly signed and scanned, accompanied by a valid identity document, as well as the relevant documentation required (in PDF format) can be sent by electronic mail from an ordinary e-mail address to the following address: mail-protocollo@unipa.it.

In both cases described above, it is necessary to specify the following in the subject of the e-mail: "Public selection procedure for the award of n. 1 research contract – Project UPCHANGE MUR – Head of Research Prof. Francesco Guarino".



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To participate in the competition, candidates are required, under penalty of exclusion from the procedure, to pay by the deadline for submission of applications, a contribution towards contest expenses up to Euro 50.00. This contribution must be paid by bank transfer to the c/c n. 000015632748 registered at the University of Palermo - Agenzia Via Libertà, 32 - 90141 Palermo - Banca Crédit Agricole - IBAN code: IT50R0623004609000015632748 -- SWIFT code: CRPPIT2PXXX indicating in the payment reason: "Selective public procedure for the award of n. 1 research contract – Project UPCHANGE MUR – Head of Research Prof. Francesco Guarino".

A copy of the transfer must be attached to the application.

In the application, applicants must indicate the call for which they intend to apply, the scientific discipline of reference of the research, the department, the title of the research and the Head of Research; they must also: Declare on their own responsibility:

- surname and first name;
- place and date of birth;
- Domicile chosen for selection;
- residence;
- telephone number, e-mail address, tax code;
- citizenship;
- the municipality in whose electoral roll they are entered, or the reasons for not being entered or for being deleted from the lists;
- have no criminal convictions or ongoing criminal proceedings. If not, indicate the criminal convictions reported or ongoing criminal proceedings and whether amnesty, pardons, etc.;
- Doctor of Research degree held, or medical area specialization for the fields concerned, with indication of the date of graduation and the University administrative seat of the course;
- Previous research activities and any work experience related to the contents of the research programme selected;
- E-mail address, to which communications relating to this selective procedure should be addressed;
- enjoyment of civil and political rights in the State of origin or provenance, or grounds for non-enjoyment (for EU and non-EU citizens);
- knowledge of English language (certified by a B1 level certificate or verified at an interview);
- inexistence of incompatibilities within the meaning of Art. 2 of this call (otherwise, the type of incompatibility must be indicated).

The certificates submitted for evaluation must be submitted in a copy declared as conforming to the original by means of a declaration replacing the act of notoriety, pursuant to art. 47 of the D.P.R. n. 445/2000, or, in the cases provided, be certified with a replacement declaration of certification pursuant to Article 46 of the aforementioned decree.

The data and documents held by the Università degli Studi di Palermo may be acquired automatically if the candidate indicates the elements essential for obtaining the information or data required.

Candidates with disabilities, pursuant to the law of 5 February 1992, n. 104, must make an explicit request, in relation to their disability, regarding the aid necessary to be able to attend the interview.

The Administration does not assume any responsibility for the dispersion of communications due to incorrect indication of the PEC by the applicant or failure to provide or late notification of a change in the contact details indicated in the application, or for any inconvenience not attributable to the Administration itself.

Applications which are missing, either the signed and drawn up application for participation on the basis of the above mentioned Annex 1 or any other documents required by the call will be declared ineligible under penalty of exclusion as well as those sent after the deadline.



Art. 4 – Selection Commission

The Council of the Department where the research activity will take place, after the expiry of the call, decides on the appointment of the members of the Selection Committee. The selection board is composed of three members and an alternate chosen from among professors and researchers with research experience in the subjects covered by the call for proposals, at least one of whom is a member of the scientific-disciplinary group covered by the call, also external to the University and ensuring adequate gender representation.

Cannot be a member of the Commission if:

- a) they have been convicted, even by a non-binding sentence, of the offences referred to in Chapter I of Title II of Book II of the Criminal Code;
- b) have, with the candidate or with the other members of the Commission, situations of incompatibility as provided for by artt. 51 and 52 c.p.c. and Article 7, paragraphs 1 and 2, of the Code of Ethics of the University;
- c) they are in a situation of conflict of interest, including potential conflict of interest, with the candidate or other members of the commission, pursuant to art. 7 of DPR 62/2013 and art. 6, paragraphs 1, 2 and 5, of the Code of Ethics of the University.

The selection committee is appointed by decree of the Rector published in the official register of universities.

From the date of publication of the Decree appointing the Commission, 30 days shall elapse for the submission by candidates to the Rector of any request for objection by the Commissioners. If the cause of objection has arisen, provided that it is prior to the establishment of the Commission, the time limit shall run from its beginning. The candidate's right to waive the objection remains unaffected.

No compensation for the selection board.

The Commission's assessment is final.

Art.5 – Procedure for selection

The selection is based on a comparative evaluation of the candidates and aims to assess the suitability of the project proposals for the research programme selected, as well as the possession by the candidates of a scientific-a professional suitable for the research activity covered by the contract.

Candidates are evaluated comparatively on the basis of the following criteria:

- a) quality, originality and innovation of the project proposal, with reference to the research programme selected;
- b) relevance and relevance of previous research activities as well as any work experience in relation to the contents of the selected research programme;
- c) Relevance of the attached publications to the selected research programme;
- d) an oral test to establish the candidates' aptitude for research in order to ascertain their suitability for carrying out the research activity covered by the contract and to assess their knowledge of the English language.

The Selection Board will pre-determine, in the first report, the criteria for the comparative evaluation of candidates. These criteria shall be communicated to the person responsible for the procedure, who shall ensure that they are made public at least seven days before work is continued. The following scores are available to the Selection Board:

- up to 70 for the evaluation criteria referred to in a), b) and c);
- Up to 30 points for the interview.

The Commission shall, after appropriate assessment and on the basis of the criteria set out in the first report, award the relevant score.

The scores relating to the evaluation of criteria referred to in letters a), b) and c) shall be made known to applicants before the interview.



The date, time and place of the interview shall be notified to applicants no less than 15 days before the interview takes place. The timetable for the colloquium test can also be defined in the call, which is considered to be a notification. After notification of the results of the assessment referred to in paragraph 7, candidates may waive the notice period upon written request sent to the person responsible for the procedure.

The interview must be held in a room open to the public, of suitable capacity to ensure maximum participation and, in case of impossibility to proceed in this sense, the development of the test can take place telematically, provided that technical solutions are nevertheless adopted to ensure the identification of participants, the regularity and integrity of the test, the security of communications and their traceability, in compliance with the legislation on the processing of personal data and, in any case, advertising the proof through digital methods.

The Commission shall draw up a ranking of merit taking into account the scores obtained by the applicants. The selection is considered to have been passed with a minimum score of 40 points for the evaluation criteria referred to in letters a), b) and c) and with a minimum score of 20 points for the interview; in case of parity, preference is given to the candidate of less than age.

The Commission may, for reasons set out in the minutes, use telematic tools for collegial work and may hold its meetings remotely.

Art.6 – End of the procedure

The selection board must conclude its work within a maximum of 60 days after receipt of applications from candidates. Upon reasoned request of the President, an extension of two months may be granted by the Rector.

If the work is not completed within this time limit, the Rector shall, by means of a reasoned measure, initiate procedures for the replacement of the Commission and at the same time fix a new deadline for the completion of the work.

The competition acts and the relative ranking of merit, together with the appointment of the winner will be approved by decree of the Rector.

The documents are published on the website of the University, in accordance with the terms and conditions laid down in the call for proposals and in compliance with the legislation on transparency and protection of personal data.

Within a maximum period of 24 months from the date of publication of the Decree of approval of the acts, if there are justified needs to carry out the same research project, the Departmental Council may, by means of a special resolution, propose that further research contracts be awarded to candidates who are well placed in the ranking, provided that the availability of financial support is ascertained.

Art. 7 – Stipulation of the contract

The employment relationship is established following the conclusion of a specific written contract between the University and the winner.

The contract of employment is signed by the research contractor and the Rector.

The contract should preferably be signed within 30 days of receipt of the call, subject to any more restrictive time constraints specified in the selection notice.

Failure to comply with this deadline shall result in the loss of the right to contract.

In the case of special, justified and documented needs, the conclusion of the contract may be postponed beyond thirty days and, in any case, for a period not exceeding sixty days from the date of the call; The exception is any request for extension due to pregnancy and puerperium, severe and documented infirmity or the achievement of the title of research doctor within a maximum of six months.

In the event of failure to conclude the contract by the winner of the selection procedure, a ranking will be made.

The Director of Department will sign and send to the competent Administration Office the letter concerning the hiring of the contractor.



Research contracts do not give rise to a right of access to the role of university subjects, of public research establishments and institutions whose diploma in scientific further training has been recognised as equivalent to the title of Doctor of Science pursuant to the fourth paragraph of Article 74 of the Decree of the President of the Republic of 11 July 1980, n. 382, nor can be counted for the purposes of article 20 of Legislative Decree 25 May 2017, n. 75.

Art. 8 – Prohibition of cumulation and incompatibility

The research contract cannot be combined with any study or research grants of any kind awarded by national or foreign institutions, except for those aimed exclusively at international mobility for research purposes.

The research contract is not compatible with the attendance of undergraduate courses, master's degree, doctorate or medical specialization, in Italy or abroad, and involves the placement in leave without pay for the employee in service with the Public Administrations.

Research contracts are incompatible with:

- any other employment relationship, including part-time or fixed-term employment, with public and private entities;
- Also hold research grants at other universities or public research institutions.

The contractor may carry out activities to support teaching or be holder of teaching contracts at the University of Palermo provided that the performance of this activity does not interfere with the profitable development of the research activity subject to the contract, Subject to the favourable opinion of the Head of Research and the approval of the Board of Directors. These activities are not compatible with the contract if no such authorization is given.

The holder of the research contract may not, in any case, carry out activities that could lead to a conflict of interest with the activities of the University of Palermo.

Art. 9 – Income, tax, social security and insurance treatment

The contractor is entitled to a gross salary of € 56.912,96 for the duration of the contract, including the costs borne by the recipient.

The employment relationship established between the University of Palermo and the research contractor is governed by the provisions in force on the subject, including as regards the tax treatment, welfare and social security and insurance provided for the compensation of employees.

The University also provides insurance coverage against accidents at work and occupational diseases and civil liability.

Art.10 – How the employment relationship is conducted

The contractors work in agreement with the Research Manager.

The contractor is subject to the health controls provided for by D.Lgs. n. 81/2008 at the expense of the University.

Disciplinary jurisdiction is regulated by art. 10 of the Law 30.12.2010, n. 240.

Contractors are recognized as the provisions of D.Lgs. 06.03.2001, n. 151 on the protection and support of maternity and paternity, by Law 05.02.1992, n. 104 for assistance, social integration and rights of disabled persons, by artt. 37, 40 and 68 of the D.P.R. 10.01.1957, n. 3, and subsequent modifications, in matter of extraordinary leave and sick leave. Sick leave may not exceed 9 months in the case of a two-year contract. In the case of an extension, the period of sick leave shall be proportionate to the period.

Contractors are entitled to the provisions of the articles. 69 and 70 of the D.P.R. 10.01.1957, n. 3, and subsequent amendments, on leave for family reasons. Leave for family reasons may not last more than



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12 months, during which the applicant does not receive any allowance or social security contributions. Leave for family reasons is authorized by resolution of the Department Council of Reference.

Art. 11 – Termination of employment

The termination of the employment relationship is determined by the expiry of the term or by the withdrawal of one of the parties and by any other cause of termination provided for by the legislation in force.

The contract may be terminated, for both parties, if there is a cause that, according to art. 2119 of the C.C., does not allow the continuation, even provisional, of the report.

The contractor may withdraw in writing with 30 days' notice. In the event of failure to give notice, the Administration will deduct from the contractor an amount corresponding to the remuneration for the period of notice not given. Funds not used for the contract shall be refunded to the Facilities concerned. The contract is terminated, also, in the case of failure to obtain the title within six months following the date of publication of this Selection Notice for winners who were enrolled in the third year of their PhD course at the date of submission of the application or who were students in the last year of the medical specialization course.

Art. 12 – Publication of the selective procedure

This call will be posted on the official register of the University of Palermo (<http://www.unipa.it/albo.html>), on the inPA portal ([Portale del reclutamento](#)) and on the MUR website (<https://bandi.mur.gov.it/>). The call will also be available on the WEB site of the University of Palermo at: <https://www.unipa.it/servizi/assegnidiricerca/contratti-di-ricerca/>.

Art.13 – Processing of personal data

In accordance with EU Regulation 2016/679, the University undertakes to respect the confidential nature of the information provided by the candidate. All the data provided will be processed only for the purposes related and instrumental to the contest, in compliance with the provisions in force.

Interested parties can consult the information on data processing available at:

<https://www.unipa.it/privacy/informativa/informazioni-sul-trattamento-di-dati-personali---procedure-concorsuali-e-selettive-bandite-dallateneo/>.

Art. 14 – Official in charge for the administrative procedure

Pursuant to the provisions of art. 5 of the law of 7 August 1990 n. 241 the Head of the competition procedure referred to in this call is appointed in the person of Dr. Stefania Crifasi, Head of U.O. Research Grants, e-mail: stefania.crifasi@unipa.it.

Art. 15 – Final provisions

The contractor is obliged to comply with the provisions of law and regulations of the University of Palermo.

All technical data and information, administrative, scientific and didactic that the contractor comes into possession during the course of the research activity must be considered confidential and therefore is not allowed to use for purposes other than those for which the contract is awarded. The industrial and intellectual property rights arising from the activities in which the contractor may participate in various ways will be regulated according to the provisions of law and regulations of the University of Palermo on industrial property and intellectual.



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For all that is not expressly regulated by this Regulation, please refer to Law n. 240/2010 and the applicable laws and regulations.

Palermo,

THE RECTOR
Prof. Massimo Midiri

The original text is the Italian version. Any discrepancies or differences created in the translation are not binding and have no legal effect for compliance or enforcement purposes. If any questions arise related to the accuracy of the information contained in the translated text, refer to the Italian version of the call for applications which is the official version.