

BANDO N.12/2022/TI/TECNOLOGO - Concorso pubblico, per titoli ed esami, per l'assunzione con contratto di lavoro a tempo indeterminato di n. 1 (una) unità di personale di III livello professionale — Profilo professionale Tecnologo.

TRACCIA 1 - Estratta

Si espongano le principali caratteristiche del programma di finanziamento europeo Horizon 2020; si illustri il ruolo del project manager attraverso un caso concreto riguardante un progetto finanziato.

TRACCIA 2 – Non estratta

Si espongano le principali caratteristiche del programma di finanziamento europeo Horizon Europe; si illustri il ruolo del project manager attraverso un caso concreto riguardante un progetto finanziato, anche relativo alla precedente programmazione.

TRACCIA 3 - Estratta

Si confrontino i programmi di finanziamento europei Horizon Europe e Horizon 2020, identificandone le principali differenze; si illustri il ruolo del project manager attraverso un caso concreto riguardante un progetto finanziato, anche relativo alla precedente programmazione.

TRACCIA 4 – Non estratta

Si espongano le principali caratteristiche di un programma di finanziamento nazionale; si illustri il ruolo del project manager attraverso un caso concreto riguardante un progetto finanziato.

TRACCIA 5 - Estratta

Si confrontino il programma di finanziamento europeo Horizon 2020 con un programma di finanziamento nazionale, identificandone le principali differenze; si illustri il ruolo del project manager attraverso un caso concreto riguardante un progetto finanziato.

INRIM – Prova Inglese

Read and explain the following text, which is an excerpt from the **Call for Proposals for ERC Consolidator Grant (ERC-2023-COG)**.

Link: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/erc-2023-cog;callCode=ERC-2023-COG;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,2,8;statusCodes=31094501,31094502,31094503;programmePeriod=null;pro>

*Read and explain the following text, which is an excerpt from the **Call for Proposals for ERC Consolidator Grant (ERC-2023-COG)**.*

Objectives

The ERC Consolidator Grants are designed to support excellent Principal Investigators at the career stage at which they may still be consolidating their own independent research team or programme. Principal Investigators must demonstrate the ground-breaking nature, ambition and feasibility of their scientific proposal.

Size of ERC Consolidator Grants

Consolidator Grants may be awarded up to a maximum of **EUR 2 000 000** for a period of **5 years**. The maximum size of the grants is reduced *pro rata temporis* for projects of a shorter duration. (This does not apply to ongoing projects).

Additional funding up to **EUR 1 000 000** can be requested in the proposal to cover the following eligible costs when these are necessary to carry out the proposed work: (a) "start-up" costs for Principal Investigators moving to the EU or an Associated Country from elsewhere as a consequence of receiving the ERC grant and/or (b) the purchase of major equipment and/or (c) access to large facilities and/or (d) other major experimental and field work costs, excluding personnel costs.

(...)

Profile of the ERC Consolidator Grant Principal Investigator

The Principal Investigators shall have successfully defended their first PhD **at least 7 and up to 12 years prior to 1 January 2023**. Cut-off dates: PhD awarded from 1 January 2011 to 31 December 2015 (inclusive).

The eligibility period can be extended beyond 12 years in certain properly documented circumstances.

A competitive Consolidator Grant Principal Investigator must have already shown research independence and evidence of maturity, for example by having produced **several important publications as main author or without the participation of their PhD supervisor**. Applicant Principal Investigators should also be able to demonstrate a promising track record of early achievements appropriate to their research field and career stage, including significant publications (as main author) in major international peer-reviewed multidisciplinary scientific journals, or in the leading international peer-reviewed journals of their respective field. They may also demonstrate a record of invited presentations in well-established international conferences, granted patents, awards, prizes, etc.

*Read and explain the following text, which is an excerpt from the **Call for Proposals for ERC Consolidator Grant (ERC-2023-COG)**.*

Objectives

The ERC Consolidator Grants are designed to support excellent Principal Investigators at the career stage at which they may still be consolidating their own independent research team or programme. Principal Investigators must demonstrate the ground-breaking nature, ambition and feasibility of their scientific proposal.

Size of ERC Consolidator Grants

Consolidator Grants may be awarded up to a maximum of **EUR 2 000 000** for a period of **5 years**. The maximum size of the grants is reduced *pro rata temporis* for projects of a shorter duration. (This does not apply to ongoing projects).

Additional funding up to **EUR 1 000 000** can be requested in the proposal to cover the following eligible costs when these are necessary to carry out the proposed work: (a) "start-up" costs for Principal Investigators moving to the EU or an Associated Country from elsewhere as a consequence of receiving the ERC grant and/or (b) the purchase of major equipment and/or (c) access to large facilities and/or (d) other major experimental and field work costs, excluding personnel costs.

(...)

1. Admissibility and Eligibility Conditions:

The conditions specific to ERC grants are described in the [ERC Work Programme 2023](#) under the heading 'Admissibility and eligibility criteria' and in the [ERC Rules of Submission](#). An overview is provided below:

(...)

Eligible Principal Investigators: The ERC actions are open to researchers of any nationality who intend to conduct their research activity in any EU Member State or Associated Country (see Annex 3 of the [ERC Work Programme 2023](#)). Principal Investigators may be of any age and nationality and may reside in any country in the world at the time of the application.

There are specific eligibility criteria for a Principal Investigator applying to the Consolidator Grants based on the date of the successful defence of their first PhD (or equivalent doctoral degree) as described in the [ERC Work Programme 2023](#) (see also Annex 2 'ERC policy on PhD and equivalent doctoral degrees' and specific provisions for applicants holding a degree in medicine).

*Read and explain the following text, which is an excerpt from the **Call for Proposals for ERC Consolidator Grant (ERC-2023-COG)**.*

Objectives

The ERC Consolidator Grants are designed to support excellent Principal Investigators at the career stage at which they may still be consolidating their own independent research team or programme. Principal Investigators must demonstrate the ground-breaking nature, ambition and feasibility of their scientific proposal.

Size of ERC Consolidator Grants

Consolidator Grants may be awarded up to a maximum of **EUR 2 000 000** for a period of **5 years**. The maximum size of the grants is reduced *pro rata temporis* for projects of a shorter duration. (This does not apply to ongoing projects).

Additional funding up to **EUR 1 000 000** can be requested in the proposal to cover the following eligible costs when these are necessary to carry out the proposed work: (a) "start-up" costs for Principal Investigators moving to the EU or an Associated Country from elsewhere as a consequence of receiving the ERC grant and/or (b) the purchase of major equipment and/or (c) access to large facilities and/or (d) other major experimental and field work costs, excluding personnel costs.

(...)

1. Admissibility and Eligibility Conditions:

The conditions specific to ERC grants are described in the [ERC Work Programme 2023](#) under the heading 'Admissibility and eligibility criteria' and in the [ERC Rules of Submission](#). An overview is provided below:

(...)

Eligible Host Institution: The Host Institution (Applicant Legal Entity) must engage and host the Principal Investigator for at least the duration of the project, as defined in the grant agreement. It must either be established in an EU Member State or Associated Country (see Annex 3 of the [ERC Work Programme 2023](#)) as a legal entity created under national law, or it may be an international European research organisation (such as CERN, EMBL, etc.), the European Commission's Joint Research Centre (JRC) or any other entity created under EU law. International organisations with headquarters in a Member State or Associated Country will be deemed to be established in that Member State or Associated Country. Any type of legal entity, public or private, including universities, research organisations and undertakings can host Principal Investigators and their teams.

*Read and explain the following text, which is an excerpt from the **Call for Proposals for ERC Consolidator Grant (ERC-2023-COG)**.*

Objectives

The ERC Consolidator Grants are designed to support excellent Principal Investigators at the career stage at which they may still be consolidating their own independent research team or programme. Principal Investigators must demonstrate the ground-breaking nature, ambition and feasibility of their scientific proposal.

Size of ERC Consolidator Grants

Consolidator Grants may be awarded up to a maximum of **EUR 2 000 000** for a period of **5 years**. The maximum size of the grants is reduced *pro rata temporis* for projects of a shorter duration. (This does not apply to ongoing projects).

Additional funding up to **EUR 1 000 000** can be requested in the proposal to cover the following eligible costs when these are necessary to carry out the proposed work: (a) "start-up" costs for Principal Investigators moving to the EU or an Associated Country from elsewhere as a consequence of receiving the ERC grant and/or (b) the purchase of major equipment and/or (c) access to large facilities and/or (d) other major experimental and field work costs, excluding personnel costs.

(...)

1. Admissibility and Eligibility Conditions:

The conditions specific to ERC grants are described in the [ERC Work Programme 2023](#) under the heading 'Admissibility and eligibility criteria' and in the [ERC Rules of Submission](#). An overview is provided below:

(...)

Proposal submission and description:

§ **The Administrative form Part A** (including the Ethics Issues Table and the Budget Section) is available in the submission tool below. The budget table and the justification of the Resources are part of this online form Part A (Section 3 - Budget). For more details, please refer to section 2.3 of the [ERC Information for Applicants](#).

§ **Part B1, Part B2 and the Host Institution Binding Statement of Support** templates are provided in the submission system as word-templates (they should be completed, uploaded and submitted via the submission tool as PDF files).

A **complete proposal** consists of the following elements (with the following page limits):

Extended Synopsis: 5 pages; Curriculum Vitae: 2 pages; Track Record: 2 pages; Scientific Proposal: 14 pages; Resources and Time Commitment: 2 pages; Host Institution Binding Statement of Support; Ethics Review Table; PhD record and supporting documentation for eligibility checking.

*Read and explain the following text, which is an excerpt from the **Call for Proposals for ERC Consolidator Grant (ERC-2023-COG)**.*

Objectives

The ERC Consolidator Grants are designed to support excellent Principal Investigators at the career stage at which they may still be consolidating their own independent research team or programme. Principal Investigators must demonstrate the ground-breaking nature, ambition and feasibility of their scientific proposal.

Size of ERC Consolidator Grants

Consolidator Grants may be awarded up to a maximum of **EUR 2 000 000** for a period of **5 years**. The maximum size of the grants is reduced *pro rata temporis* for projects of a shorter duration. (This does not apply to ongoing projects).

Additional funding up to **EUR 1 000 000** can be requested in the proposal to cover the following eligible costs when these are necessary to carry out the proposed work: (a) "start-up" costs for Principal Investigators moving to the EU or an Associated Country from elsewhere as a consequence of receiving the ERC grant and/or (b) the purchase of major equipment and/or (c) access to large facilities and/or (d) other major experimental and field work costs, excluding personnel costs.

(...)

4. Evaluation:

The conditions specific to ERC are described in the [ERC Work Programme 2023](#) under the heading 'Evaluation procedure and criteria' and in the [ERC Rules of Submission](#). An overview is provided below:

Evaluation procedure

For the Consolidator grant call a **single submission of the proposal** will be followed by a **two-step evaluation**. The evaluation will be conducted by means of a structure of high-level peer review panels as listed in Annex 1 of the [ERC Work Programme 2023](#). The panels may be assisted by independent external experts working remotely.

Evaluation criteria

For all of the main grants, **scientific excellence is the sole criterion of evaluation**. It will be applied in conjunction to the evaluation of both: the ground-breaking nature, ambition and feasibility of the research project and the intellectual capacity, creativity and commitment of the Principal Investigator. The detailed evaluation elements applying to the excellence of the research project and the Principal Investigator are set out in the [ERC Work Programme 2023](#).