



GOVERNMENT OF MALTA
MINISTRY FOR EQUALITY,
RESEARCH AND INNOVATION



The Malta Council for
Science & Technology

FUSION Research and Innovation: Research Excellence Programme

Rules for Participation 2021 - 2023
Rules for Non-State Aid (*Option B*)





Contents

1	Introduction.....	4
2	The Research Excellence Programme.....	4
2.1	Programme Scope and Focus.....	4
2.2	Contacts.....	5
3	Definitions.....	5
4	Eligibility Criteria and Applications.....	7
4.1	Eligibility for Participation	8
5	Eligibility Under this Option (Non-State Aid).....	9
6	The Application Process	10
6.1	Application Submission	11
6.2	Considerations at Application Stage	13
6.2.1	Respecting Lead Times	13
6.2.2	Assistance with Applications	13
6.3	Deviations	14
7	Confidentiality of Submissions	14
8	Programme Parameters	15
8.1	Project Start Date and Duration	15
8.2	Project Grant	15
8.3	Deliverables	15
8.3.1	Mandatory Deliverables	15
8.3.2	Recommended Deliverables	16
9	Eligible Costs	17
9.1	Subcontracted Activities	20
9.2	Audits.....	20
9.3	Eligible Indirect Costs.....	21
9.4	Ineligible Costs	21
9.5	Collaborators.....	21
9.6	Co-Financing.....	21
10	Evaluation.....	22
11	Post Selection Process	24



11.1 The Grant Agreement24

11.2 Start Date and End Date.....24

12 Double Funding.....24

13 Funding, Management and Progress Monitoring.....25

13.1 Allocation and Disbursement of Funding25

13.2 Final Financial Audit26

13.3 The Technical and Financial Reports26

13.4 Accountability.....27

14 Dissemination and Externalisation.....27

14.1 Referencing27

15 Supervening Circumstances.....28

15.1 Time Extensions.....28

15.2 Default.....28

16 Interpretation of Rules29

Appendix 1: Technology Readiness Levels (TRLs)30

1 Introduction

FUSION is a national funding programme that drives and supports local Research and Innovation (R&I), as well as providing the necessary support for researchers and technologists to turn their innovative ideas into a market-ready reality. FUSION is supported through Malta Government funds and is managed by the Malta Council for Science and Technology (MCST) as the Managing Authority.

The main objectives of FUSION are:

- To raise the level and profile of locally funded research
- To ingrain R&I at the heart of the Maltese economy
- To spur knowledge-driven and value-added growth
- To sustain improvements in the quality of life

These can be achieved since research results and innovation have the potential of translating themselves into commercial activities which generate a multiplier effect on the economy, by increasing Malta's competitiveness through the creation of additional high-value and knowledge intensive employment opportunities in Malta's priority industries.

FUSION is a portfolio of various programmes. These programmes have been designed with the aim of offering the necessary mentoring and financial support for researchers and technologists to develop their ideas to the betterment of society.

2 The Research Excellence Programme

2.1 Programme Scope and Focus

The Research Excellence Programme is a national funding programme which supports the early-stage development of innovative projects proposed by public entities, higher education institutes and industry players.

In line with the "National Research and Innovation Strategy 2020", the primary aim of the programme is to spur the growth of new knowledge through experimental evidence following scientific hypotheses. This programme was designed in response to the need and desire for public and private entities in Malta to focus on early conceptual research endeavours. The programme is intended to fund projects which are still in the early stages of research, but which nonetheless boast a high degree of **scientific excellence** as well as national and international relevance. For projects which may be commercially applicable, this programme targets research at the initial



Technology Readiness Levels (TRL) between TRL 1 and TRL 4 (Refer to Appendix 1 of the Rules of Participation for the definitions of the Technology Readiness Levels).

The programme also aims to:

- Form a more comprehensive Maltese R&I system.
- Build capacity in new, multidisciplinary areas in the Maltese R&I sector.
- Fund the initial research in products or services that could have a significant impact on industry, and which could ultimately lead to new avenues for economic growth.
- Generate knowledge and build capacity for future areas and contribute to smart specialisation strategies and policy development.
- Strengthen and contribute to existing collaborations.

The scope of the programme is to provide financial support for research, development and innovation through a bottom-up approach, across a broad range of scientific areas.

2.2 Contacts

For general enquires kindly contact:

Ms. Abigail Aquilina
R&I Programmes Executive
Email: abigail.aquilina@gov.mt
Tel: +356 2360 2241

For escalated enquiries kindly contact:

Mr. Stephen Borg
R&I Programmes Executive
The Malta Council for Science & Technology
Villa Bighi, Bighi,
Kalkara, KKR 1320
Email: stephen.i.borg@gov.mt
Tel: +356 2360 2208

3 Definitions

Applicant means anyone eligible for participation in a Project in terms of these Rules for Participation and who consequently applies for funding under this Programme.



Council refers to the Malta Council for Science and Technology.

Due Diligence is an investigation of a business or person prior to signing the Grant Agreement.

Eligible direct costs are those costs incurred directly by the national beneficiaries during the duration of the project and used primarily for the purpose of achieving the objectives of the project. All eligible expenses must be incurred between the Start Date and the End Date of the Project and must be limited to the budgeted value.

End Date means the date when the Project Period, having commenced on the Start Date, expires. The Project Period is the time required to execute the Project as indicated in the grant agreement.

Evaluators are the consultants who responded to MCST's Call for Applications to provide evaluation services for submissions made through this Programme.

Innovation is defined as the internationally novel scientific/technological development of a technological process, product or service. Also, the definition of innovation within the same context can also be applied to non-novel, yet step-change/ground-breaking enhancement of existing technological processes, products or services, or even the application of existing knowledge to new novel applications of these solutions to deliver step-change competitiveness through such an application.

Intellectual Property (IP) means statutory and other proprietary rights and includes patents, trademarks, designs, and confidential information/trade secrets, copyright.

Legal Entity means any entity created within the European Union, having an operating base in Malta and which has legal personality, which may, acting under its own name, exercise rights and be subject to obligations.

Personnel costs means the costs of researchers, technicians and other supporting staff to the extent employed on the relevant project or activity.

Project Coordinator is the individual with experience in research project management who will assume the responsibilities defined within this document and who is appointed as the single point of contact from proposal submission to project end. He/she will have the responsibility of ensuring that all the partners involved are eligible and of supervising the project workflow with the help of WP leaders. Additionally, he/she will be required to submit the project application and must also compile and submit reports / deliverables to the funding bodies. The Project Coordinator shall be an employee of the Lead Partner carrying out the R&I project.

Project Grant means the granted funding provided.

Project Value means the entire project budget including any co-financing.

Public Entity is any Ministry, Department, Entity, Authority, Public Commission, Public Sector Foundation or similar organisation that does not carry out an economic activity within the meaning of Article 107 TFEU and that exercises public power, or else acts in its own capacity as public



authority, where the activity in question forms part of the essential function of the State or is connected with those functions by its nature, its aim and the rules to which it is subject. However, the classification of a particular entity as an undertaking depends entirely on the nature of its activities, and the overriding criterion of consideration is whether it carries out an economic activity or not, e.g., an entity that is formally part of the public administration may nevertheless have to be regarded as an undertaking within the meaning of Article 107(1) of the Treaty. Thus, an entity that carries out both economic and non-economic activities is to be regarded as an undertaking only with regards to the former. In this case, if the economic activity can be separated from the exercise of public powers, then that entity acts as an undertaking in relation to that activity and the financing, the costs and the revenues of that economic activity shall be accounted for separately from the other non-commercial activities.

If an economic activity cannot be separated from the exercise of public power, the activities exercised by that entity as a whole, remain connected with the exercise of those public powers and therefore fall outside the notion of an undertaking.

Research and knowledge-dissemination organisation means an entity (such as university or research institute, technology transfer agency, innovation intermediary, research-oriented physical or virtual collaborative entity), irrespective of its legal status (organised under public or private law) or way of financing, whose primary goal is to independently conduct fundamental research, industrial research or experimental development or to widely disseminate the results of such activities by way of teaching, publication or knowledge transfer. Where such entity also pursues economic activities, the financing, the costs and the revenues of those economic activities must be accounted for separately. Undertakings that can exert a decisive influence upon such an entity, in the quality of, for example, shareholders or members, may not enjoy preferential access to the results generated by it.

Start Date means the date which is stated in the Grant Agreement for the official start of the project.

Subcontracted Activity means any activity related to the project, (including but not limited to consultancy), and which is not carried out directly by a Partner or its employees, but is carried out by any third party (local or foreign) individual, company, partnership or entity, under whatsoever terms and conditions.

4 Eligibility Criteria and Applications

These Rules for Participation are applicable to **public entities** and **public research and knowledge dissemination organisations**, registered in Malta, **that do not carry out an economic activity within the meaning of Article 107 TFEU.**

This section provides details as to the criteria which must be checked in order to assess the Beneficiary's eligibility to apply and the application's fit within this Programme.

4.1 Eligibility for Participation

Any applicants that at the time of proposal submission are considered by MCST to be non-compliant with respect to Grant Agreement obligations on other active projects funded by MCST, may be immediately deemed ineligible at application stage or will not be awarded funding under this programme. This also applies to situations whereby the applicant is outside approved project timelines on other projects funded by MCST, and where the applicant is in recognised default.

Any application submitted by or including the participation of any legal person or legal entity having, in totality or in majority ownership, the same shareholders, partners or persons holding and/ or exercising a controlling power in any other legal entity which will have been at any time prior to such application declared as non-compliant or defaulting on any other contract or agreement entered into with MCST, shall be automatically declared as inadmissible.

Funding under this scheme is made available on the basis that the Applicant has not benefited and will not benefit from any other grant or financial incentive of whatever nature, applied for and/ or utilised for the same costs and scope as that subject of the funding requested under this scheme.

Applicants under the Non-State Aid (*Option B*) regime must understand that, should they be found to be in breach of the conditions for being exempt from State Aid regulations, the Managing Authority will enforce the retrieval of disbursed funds with interest, in part or in full, as the case may necessitate.

The Applicant also undertakes to comply faithfully and immediately with any decision of the European Commission or a Maltese Judicial Authority declaring Article 107(1) TFEU to be applicable to this Agreement.

MCST also reserves the right to terminate any applications that have followed in part or in full the Non-State Aid (*Option B*) regime, should MCST not be satisfied with the segregation of work packages, activities, tasks and deliverables, as well as budgets.

All applications should be accompanied by the relevant declarations duly completed within the Appendices of the Application Form with particular attention also being given to potential indirect state aid, to undertakings within the same eventual project, should it be selected for funding.

Given the aims of the Research Excellence Programme, it is integral that any proposal that will be considered for funding implements a scientific basis and highlights the research methodology to be conducted.



Hence, in order to be eligible:

The entity must be a Maltese Legal Entity. Any Maltese Public Entity and Maltese Public Research and knowledge-dissemination organisation as defined in Section 3 may apply and will be eligible for funding subject to the terms and conditions laid out in this document.

Kindly note that in the case of public foundations, applicants will be required to provide a Statute/ Deed (Authenticated), which will be considered during the national eligibility check stage (to be included as an annex to the application form)

Kindly note that only sole applicants are eligible and thus there should only be one beneficiary as an Applicant. Furthermore, the applicant entity needs to be established/ incorporated by the date of application submission.

5 Eligibility Under this Option (Non-State Aid)

These Rules for Participation allow eligibility under a non-state aid route. Those entities that may be eligible for participation under this route shall be required to declare themselves as:

A public “research and knowledge dissemination organisation” as defined in the Commission Framework for State aid for research and development and innovation (2014/C 198/01) paragraph 15(ee), which carries out a non-economic activity in line with the following:

(a) primary activities of research organisations and research infrastructures, in particular:

- education for more and better skilled human resources.
- independent R&D for more knowledge and better understanding, including collaborative R&D where the research organisation or research infrastructure
- engages in effective collaboration;
- wide dissemination of research results on a non-exclusive and non-discriminatory basis, for example through teaching, open-access databases, open publications or open software;

(b) knowledge transfer activities, where they are conducted either by the research organisation or research infrastructure (including their departments or subsidiaries) or jointly with, or on behalf of other such entities, and where all profits from those activities are reinvested in the primary activities of the research organisation or research infrastructure. The non-economic nature of those activities is not prejudiced by contracting the provision of corresponding services to third parties

by way of open tenders.

or,

A public entity whose activity does not constitute an economic activity in the meaning of Article 107 of the Treaty on the Functioning of the European Union¹. Where applicable, applicants need to ensure adherence to Section 2.2 “Indirect State aid to undertakings through public funded research and knowledge dissemination organisations and research infrastructures” of the Framework for State aid for research and development and innovation (2014/C 198/01).

Applicants under the non-state aid Option B route must understand that, should they be found to be in breach of the conditions for being exempt from State Aid regulations, the Managing Authority will enforce the retrieval of disbursed funds with interest, in part or in full, as the case may necessitate.

The Applicant also undertakes to comply faithfully and immediately with any decision of the European Commission or a Maltese judicial authority declaring Article 107(1) TFEU to be applicable to this Agreement.

MCST also reserves the right to terminate any applications that have followed in part or in full the non-state aid Option B route, should MCST not be satisfied with the segregation of work packages, activities, tasks and deliverables, as well as budgets.

All applications should be accompanied by the relevant Declarations duly completed within the Appendices of the Application Form with particular attention also being given to potential indirect state aid to undertakings within the same eventual project, should it be selected for funding.

6 The Application Process

The Call for Project Proposals will be open between the **17th of January 2022 to 23:59PM on the 28th of February 2022**. The selection and funding of proposals under this Programme shall be on a competitive basis.

Applicants should refer to the eligibility criteria in Sections 3 and 4.

¹ Refer to chapter 2 of the commission notice on “the notion of State aid referred to in an article 107(1) of the Functioning of the European Union” (2016/C 262/01) for further guidance



6.1 Application Submission

The Research Excellence project application must present a coherent, comprehensive and credible plan based on:

- ✓ Reasonable estimates of human resources, finance, deliverables and timeframes; and
- ✓ Templates provided by MCST.

Submission, evaluation and selection of project applications will be in the form of a one-stage process. The applicant must ensure complete compliance with the ‘Rules for Participation 2021 - 2023’ prior to submission as no amendment or negotiation thereto will be allowed after submission. Any unapproved deviations will result in the failure of the application during the administrative check.

The legal representative of the participating organisation of the applicant must sign off on the application and enter the date of signature in blue ink (not electronically). The legal representative of the applying organisation must also sign off all relevant declarations found within the Appendices of the Application Form.

All applications shall be evaluated according to the procedure outlined under Section 9 of these Rules for Participation. The application process is a **single stage** process. This means that once an application has been submitted, modifications thereto will not be allowed. Moreover, requests made by the applicant to allow negotiations on the content of the proposals, after submission will be rejected. In instances where errors in the budget are noted during the evaluation process, these will be categorised by the Council into major deviations (**affecting 10% or over of the grant value**) or minor deviations (**affecting less than 10% of the grant value**) e.g., if the grant value requested is €50,000, any errors in the budget exceeding €5,000, would be considered as a major deviation. Minor deviations will be amended by the Council and evaluated on that basis. The beneficiary will be given the opportunity to accept or decline proceeding with the project if awarded. On the other hand, major deviations will be considered as administratively non-compliant.

In cases, where deviations from the mandatory deliverables or budgets detailed herein are required, applicants should be guided by section 5.3 below. **The content of the Application Form will be directly appended to the Grant Agreements for successful applicants and will constitute the Grant Agreement technical obligations.**

Any text within the submitted application, which are more than the prescribed maximum word count and/or page limits, shall be **disregarded in the scientific evaluation process.**



Application Forms can either be sent electronically to rep.mcst@gov.mt keeping Mr. Stephen Borg (stephen.i.borg@gov.mt) and Ms. Abigail Aquilina (abigail.aquilina@gov.mt) in copy, with “Research Excellence Programme Application Submission” as a subject.

Contact Information:

Ms. Abigail Aquilina
R&I Programmes Executive
Email: abigail.aquilina@gov.mt
Tel: +356 2360 2241

For escalated enquiries kindly contact:

Mr. Stephen Borg
R&I Programmes Executive
The Malta Council for Science & Technology
Villa Bighi, Bighi,
Kalkara, KKR 1320
Email: stephen.i.borg@gov.mt
Tel: +356 2360 2208

In both cases, it is the responsibility of the applicant to ensure that a confirmation of receipt is provided.

All Submissions must include:

- ✓ The application form in MS Word (.docx) format and a signed scanned copy (to be sent by email)
- ✓ A precise plan of project activities, timeframes, and deliverables, including a visual representation through a Gantt Chart
- ✓ A precise indication of project costs signed and as a spreadsheet
- ✓ Curricula Vitae of key researchers including relevant track records. These should clearly establish that there is the potential in carrying out the project.
- ✓ A detailed plan of how Beneficiary’s knowledge and, where applicable subcontractors or co-collaborators, will be used to perform the project tasks and to achieve the project objectives (At this stage, if subcontractors have not been identified, one should mention the tasks that will be passed on and the expertise required.)



- ✓ The signed declarations where State Aid is not applicable (Kindly note that the mentioned Declaration form is to be submitted again upon the signing of the Grant Agreement should the project be selected for funding)
- ✓ Management Accounts, including detailed profit and loss, as well as balance sheet, for the current year, where an audited account may not be available
- ✓ In the event that the applicant is a start-up, and the above documents are not available, the applicant shall provide the financial projections for three (3) years signed by an independent certified public accountant, including:
 - An income statement,
 - A cash flow statement, and
 - A statement of financial position

It should be noted that emails larger than 6MB shall be automatically rejected by the system. The applicant may make use of cloud storage.

All received applications shall be acknowledged in by email. **Incomplete applications as at the deadline of this call will not be considered.**

6.2 Considerations at Application Stage

6.2.1 Respecting Lead Times

All organisations, including MCST, have their internal procedures for processing, approving and signing off on legally binding documents. Beneficiaries are to ensure that they are aware of these lead times in their organisation as well as in the other organisations which may be involved. It is the applicant's responsibility to ask for information on lead times pertaining to MCST.

Applicants should also consider personal commitments, vacation leave etc, when planning to apply. **All project application submissions must reach the MCST by not later than 23:59pm (CET) on the day of the deadline. All pages of the application must be dated, signed and initialised (stamped or signed) by the applicant's legal representative.**

6.2.2 Assistance with Applications

Prospective Project Applicants are encouraged to seek the advice of MCST in the preparation of the project application. This should help identify any areas of concern prior to the submission of the application and lead to a better quality of submission. Advice shall only be given in respect to these Rules for Participation and not on technical grounds. **Applicants are particularly encouraged to seek the MCST's guidance through proposal-specific one-to-one sessions to**

ensure that the single-stage application documentation is complete and effective, as once submitted, it cannot be edited.

6.3 Deviations

Applicants should note that:

- Transfer of project funds between line items that are **less than 15% of the project value will be considered by MCST** provided that the project coordinator makes the request to MCST via email. An updated budget should be submitted together with the email.
- Transfer of project funds between line items that are **greater than 15% of the stage value or project value respectively, will be considered by MCST upon an official, signed request** by the project coordinator to MCST. The change will then be implemented in an addendum signed by MCST and counter-signed by the applicant. An updated budget should be submitted together with the justification letter.

Kindly note that with respect to transfer of project funds, this should still be in line with the limits mentioned in the Rules of Participation in Section 8 and following approval, these should be reflected in the Project Audited Financial Report, mentioned in Section 7.3.1.

7 Confidentiality of Submissions

Unless otherwise indicated, all project application submissions except for the project names and abstracts, shall be treated with strict confidence. However, all project applications will be passed on in their entirety to the external evaluators and due diligence experts, who are bound by confidentiality and who shall also be required to declare that they do not have any conflict of interest in reviewing the individual proposals. Stage reports compiled throughout the Research Excellence Programme or similar reports submitted by applicants on their own accord, may, at the discretion of the MCST, be submitted in part or in their entirety to external evaluators. Stage reports submitted under this programme may also, at the discretion of the MCST, be forwarded in part or in their entirety to external evaluators appointed by MCST. All evaluators are bound by confidentiality.

Kindly note that the Council may undertake a due diligence exercise through its contractors for the purpose of administrative compliance. Further assurances, such as bank guarantees, may be required at the discretion of the Council.

The data collected by the Council via the application for the aid and its subsequent processing by the Council to evaluate data subject's request for aid under the scheme is in line with:



- a. The Rules for Participation
- b. Data Protection Act, Chapter 586 of the Laws of Malta and Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation)
- c. The legitimate basis to process personal data submitted by the data subject by virtue of his/her written application for aid is Regulation 6 (1)(b) of the General Data Protection Regulation (“GDPR”), as ‘processing is necessary in order to take steps at the request of the data subject prior to entering into a contract’.

Further information may be found within the application form.

8 Programme Parameters

MCST reserves the right to carry out financial and/or technical audits at its discretion, at any time during the duration of the project to ensure that Programme Parameters, as per contractual obligations are being observed.

8.1 Project Start Date and Duration

The project must start by at least **1st of July 2022** or as otherwise stated by the MCST. **The project should have a duration of one year.**

8.2 Project Grant

The maximum possible funding for a project is €50,000.

8.3 Deliverables

Deliverables are tangible outcomes of the project and must be submissible. They must be proposed between the start date and end date of the project. Deliverables not within the project timelines will not be considered.

8.3.1 Mandatory Deliverables

The Beneficiary is under an obligation to:

- ✓ Report on project progress as per the list hereunder and in line with the templates provided:
 - Hold a one midway project meeting to verbally update the MCST on the progress. This includes delivering a presentation. (Kindly note, that the contracting authority may, at its own discretion, request additional meetings if required).
 - Submit an end of Project Technical Report.
 - Submit an end of Project Audited Financial Report
 - At least one article in public media (e.g., local newspapers or magazines) to raise public awareness, including an acknowledgement to the Council. A copy should be presented to MCST within two weeks of publication.

The Reports must include sufficient evidence on the achievement of the project objectives, as well as the parameters indicated in the application, and they must be provided in accordance with the templates presented to the Project Coordinator by the MCST. The Project Technical Report must be submitted prior to the termination of the project within which it is due. The Project Audited Financial Report must be submitted within two months from the completion of the project to account for lead time and payroll in the lifetime of the project.

Any changes to the project objectives, work-packages or any other parameter committed to in the application, are to be communicated in writing with clear justification to the MCST prior to the deadline. The written request will be referred to the Unit Director for approval. The MCST will acknowledge receipt and endeavour to reply in a timely manner so that the momentum of the project remains unaffected.

Acceptance or otherwise of any changes shall be at the sole discretion of the MCST and its decision shall be binding, final and irrevocable. Any other communication shall not be considered valid or binding.

8.3.2 Recommended Deliverables

Further to the mandatory deliverables, the MCST recommends the deliverables below. Although the deliverables cited below are not mandatory, if the applicant includes such recommended deliverables at the proposal stage, this enhances the strength of the application form. The recommended deliverables may include:

- ✓ A plan to assess the research after its conclusion and further research
- ✓ The attainment of any certification or degrees
- ✓ A strategic plan to exploit or further develop the results of the research
- ✓ Generation of new knowledge (Reports after the conclusion of testing)
- ✓ Collaborations between the Beneficiary and centres of high repute



- ✓ Industrial and Intellectual Property generation
- ✓ Dissemination activities, including but not limited to, local newspapers, conferences, publications, project exhibitions etc. (preferably open access)

Kindly note that the list of examples given above is not exhaustive.

In the case of publications, these should take place during the duration of the project, and where available and possible, deposited in the entity's repository, including an acknowledgement to the Council. In cases where open access-fees were budgeted for, it is the responsibility of the beneficiary to account for the time it would take for the invoicing and payment of that fee.

Provided further that if the Beneficiary claims that such an attempt to publish this research paper will have been unsuccessful, the Beneficiary must prove to the satisfaction of the Managing Authority and through the submission of sufficient and adequate documentary evidence that such an attempt to publish a research paper in terms of the requirements of this Clause was in fact made. Sufficient and adequate documentary evidence includes evidence that the paper was actually submitted for publication and documentary evidence that the paper was rejected for publication. If the Managing Authority is satisfied with the evidence provided, then the Beneficiary will not be held in breach of this particular obligation.

A copy of all publications must be presented to MCST before any retention is disbursed.

The MCST appreciates that the fulfilment of the recommended deliverables may be dependent on external factors. The Beneficiary is expected to take these deliverables into consideration when submitting their application form. **Although these deliverables are non-compulsory, if listed as committed deliverables in the application stage, they must be adhered to.**

9 Eligible Costs

Eligible direct costs are those costs incurred directly by the applicant during the lifetime of the project, and which are primarily used for the purpose of achieving the objectives of the project. All eligible expenses must be incurred between the Start Date and the End Date of the Project and must be limited to the budgeted value.

Start Date means the date which is stated in the grant agreement.

End Date means the date when the Project period, having commenced on the Start Date, expires.

Project period is the period allocated for the execution of the Project, and as indicated by the applicant. For the purposes of the Research Excellence Programme, this period is of **twelve** months.



Project Value is the project grant in its entirety.

Project Grant or **Project Budget** is the granted funding provided.

The **Eligible Direct Costs** are:

- Personnel Costs

There are no limitations posed with regards to the number of employees involved in a single project. Furthermore, both new and existing personnel shall be eligible for funding. Management costs are limited to 15% of the project value. Any project management which is not carried out by the applicant shall be deemed as subcontracting.

The hourly rate (z) is calculated using the following formula:

$$€ z = (\text{gross basic salary} + \text{allowances}) / \text{yearly weekday hours.}$$

Kindly note that total hours per annum cannot exceed 1,760 hours.

Eligible salaries are pinned to the hourly rates in the Table below (including Employer National Insurance and other contributions) and personnel limits per project:

Role in Project	Maximum Hourly rates 2022	Maximum Hourly rates 2023	Maximum Hourly rates 2024	Limits per project
Management	up to €50.00/hour	up to €52.50/hour	up to €55.13/hour	Max 2 per project
Senior Researcher ² or equivalent	up to €35.25/hour	up to €37.01/hour	up to €38.86/hour	No Limits
Researcher ³ or equivalent	up to €25.25/hour	up to €26.51/hour	up to €27.84/hour	No Limits

² The term ‘senior researcher’ is to be used for a postdoctoral researcher with a specialist and high level of local and international experience in the field. Individuals possessing a high level of experience in industry can still be considered. The applicant is to confirm this judgement with MCST well in advance of submitting the application form.

³ The term ‘researcher’ is to be used for a Bachelor’s, Master’s or a Ph.D. degree holder and hence the hourly rate should be equivalent to the degree held by the relevant individual.



Operational, technician, research support assistant or equivalent	up to €13.85/hour	up to €14.54/hour	up to €15.27/hour	No Limits
---	-------------------	-------------------	-------------------	-----------

The rates stated in the table above are for the **years 2022-2024**. For subsequent years a 5% increase per year is allowed. Kindly ensure that only hourly rates are provided in the application form.

Personnel in salary brackets that are higher than those noted above will still only be reimbursed at the rates of the eligible brackets above, depending on their role in the project. The hourly rates will have to be noted in the application, along with the number of hours on the project per individual. In the case of existing personnel, the names of the individuals will have to be noted in the application and their respective CVs need to be submitted.

Students can be engaged on the project and be paid an annual stipend of € 6,000 when reading for a full-time Master’s degree or an annual stipend of € 8,000 when reading for a full-time Doctoral degree. In the case of a part-time Post-graduate degree, the respective stipend will be calculated pro-rata and at the discretion of the MCST.

Completed time sheets are to be retained for all personnel (including students), as proof of the number of hours spent on the project. Documentation of the utilisation of the employees’ internally funded, research quota for other research activities is to be retained since this evidence may be required by the auditors.

With respect to the following eligible direct costs, kindly make sure that detailed information and specifications are provided for individual line items.

- **Specialised equipment:** Purchasing and leasing of specialised equipment including software. For an individual item of equipment over 20% of the project value, it is recommended that specifications and justification are provided in the application form. If a specialised laptop or PC is going to be purchased, kindly specify its usage and specifications. The overall value of specialised equipment cannot exceed 30% of the project value.
- **Consumables:** The overall value of consumables cannot exceed 30% of the project value.

Kindly note that specialised equipment and consumables collectively, cannot exceed 50% of the project value.



- **Travel:** Travel is permitted for attending of a conference or coordinating with foreign collaborators or stakeholders with a maximum of € 2000 (**including indirect costs**).
- **Scientific information:** Access to sources of scientific information sources include databases, publications, and conferences.
- **Other relevant costs:** Other operational expenses which are directly related to the project, e.g., costs incurred for dissemination activities.

9.1 Subcontracted Activities

Subcontracted Activities must not exceed 25% of the project value. Subcontracted Activity is any activity related to the project, (including but not limited to consultancy), which is not carried out directly by the Beneficiary or its employees but is conducted by any third party (local or foreign) individual, company, partnership, or entity, under whatsoever terms and conditions.

Subcontracting to foreign companies should only be resorted to if suitable expertise is not available locally at a competitive price. This course of action must be duly justified. The Beneficiary may consider joint bids from subcontractors (local or foreign) if these are presented in the form of a supplier consortium. Preference will be given to partners who have previous experience working together on similar projects. Beneficiaries have to ensure that there is no discrimination between bidders, and that all bidders are to be treated equally and transparently in all calls for quotations.

9.2 Audits

Eligible Costs are to conform with the following, and are subject to the final audit scrutiny:

- Any expenses incurred during the project's lifetime must be consistent with the principles of economy, efficiency, and effectiveness.
- In the event of purchases of any value, private entity beneficiaries are required to demonstrate adequate market testing, by obtaining three quotations from three different, independent, and relevant sources.
- Public entity beneficiaries are to follow Public Procurement Regulations in their entirety.
- Any calls for the recruitment of staff on a project must be well advertised and conducted in a strictly transparent manner including an interview process.



9.3 Eligible Indirect Costs

Overheads will be covered at 10% of direct eligible costs for all line items being requested.

9.4 Ineligible Costs

The non-exhaustive list below demonstrates examples of ineligible costs:

- ✓ Expenses related to loans, interest, etc
- ✓ Recoverable value added tax
- ✓ Expenses which are recoverable through other funding mechanisms
- ✓ Re-purchase of equipment originally procured through other funding mechanisms
- ✓ Opportunity costs related to foregone production and production downtime arising from the allocation of resources to the Project
- ✓ Any activity related to the reproduction of a commercial product or process by a physical examination of an existing system or from plans, blueprints, detailed specifications, or publicly available information.
- ✓ Standard office equipment/ stationery
- ✓ Organising conferences or businesses lunches
- ✓ Personnel hours for travelling

Kindly note that this is a non-exhaustive list, and any line items not seen to be compliant with the nature of the research excellence programme will be subtracted from the grant.

9.5 Collaborators

Should the applicant have any collaborators, these must be included in the application form. The expected contribution/s by the said collaborators should be stated and supported by a **letter of intent**. These collaborators may be foreign or local. They are not eligible to receive funding through this proposal.

Should a letter of intent be absent for a specific collaborator, that collaborator will not be considered at evaluation stage. Moreover, the respective letter of intents should be composed within the last three months before the deadline of the application.

9.6 Co-Financing

The following rates of co-financing shall be applicable:

Applicants under this option (option B) will be eligible for 100% of the eligible costs.

10 Evaluation

Project applications will be evaluated through a three-step process. Primarily, projects will undergo an administrative compliance evaluation. In instances where errors in the budget are noted during the evaluation process, these will be categorised by the Council into major deviations (**affecting 10% or over of the grant value**) or minor deviations (**affecting less than 10% of the grant value**) e.g., if the grant value requested would be that of €50,000, any errors in line items which cumulatively exceed the budget by €5,000, would be considered as a major deviation. Minor deviations will be amended by the Council and evaluated on that basis. The beneficiary will be given the opportunity to accept or decline proceeding with the project if awarded. On the other hand, major deviations will be considered as administratively non-compliant.

If deemed successful, a project application will be forwarded to a Committee of Evaluators for an external evaluation and subsequently for a Due Diligence assessment. Failure to achieve a minimum of 70% pass from the external evaluation will fail the project application. For a project application to be successful, it must pass all three steps.

External Evaluators will be evaluating project applications for the following criteria:

Scientific Excellence (50%): Threshold 35%

- ✓ Are the proposal's aims and objectives clear? Are these they reasonable and ambitious within the context of this programme? Is the proposal's scientific basis and research methodology to be implemented clear?
- ✓ Is the research innovative? Does it challenge current methods, barriers, or applications in its field? What is the likelihood that the research will lead to new discoveries or fundamental advances within its field?
- ✓ Is there potential in the proposal to contribute to the organisation's research base and scientific excellence, with the clear potential to upskill current or new researchers?
- ✓ Does the proposal appear to be technologically and practically feasible in achieving the set-out objectives? Does the research develop or employ novel concepts, approaches, methodologies, technologies, applications, treatments, tools, and/or interventions?

Impact (25%): Threshold 15%



- ✓ Is the proposal compelling and would it result in a disciplinary or interdisciplinary advancement?
- ✓ Does the proposal address National, European Union or Global Priorities? Has the proposal been able to characterise the influences and impacts that the basic research has on the end-users of research, and on society at large?
- ✓ Does the proposal outline potential impacts resulting from dissemination measures or describe in detail the possibility of journal publications? Are these publications open access?
- ✓ Does the proposal contain a mechanism for assessing success and evaluating outcomes? In the case of positive outcomes, does the proposal present a strategy for further research to be conducted?

Implementation (25%): Threshold 15%

- ✓ Does the proposed project participant have the required skills and expertise to undertake the project successfully and deliver the objectives?
- ✓ Have any co-collaborators been identified? If yes, is their support enforced with a letter of intent with specified activities? Are the skills and resources of the co-collaborators complimentary with those of the applicant? If no, is it clearly justified why throughout the application?
- ✓ Is the general scientific and technical approach proposed sound and credible? Are the tasks proposed appropriate for the timeframe allowed? Is the proposal coherent and effective in terms of the work plan, including appropriateness of the allocation of deliverables, tasks and resources?
- ✓ Is the requested budget appropriate and convincing in relation to this proposal's ambitions? Are the line items being requested pertinent to the within the project? Are they consistent with the current market price of those items?
- ✓ Have potential risks been described and will they be managed as such to ensure the best possible chances of success in the outcomes of the research?

Other considerations:

If two or more projects obtain the same mark following evaluation, then MCST shall give priority to that project which provides the best consideration to the implementation of gender equality in the research project.



11 Post Selection Process

11.1 The Grant Agreement

Following the successful evaluation of the application, the Beneficiary will be invited to sign a Grant Agreement establishing the terms and conditions governing the financing of the project. The Grant Agreement will include the original project proposal as an annex. The beneficiary will be expected to execute the project in line with the original proposal.

Hard copies of the Grant Agreement must be signed by the beneficiary within one (1) week from the date on which the Project Coordinator receives them. The Project Coordinator must ensure that the respective legal representative/s are available to endorse the Grant Agreement within this 1-week timeframe. Failure to endorse the Grant Agreement within the stipulated timeframe may result in a withdrawal of the offer for funding.

11.2 Start Date and End Date

The project will start on a pre-determined date as agreed by all the respective parties and as stipulated in the Grant Agreement. The start date is deemed as the date of the countersignature by the Executive Chairman of the Malta Council for Science and Technology (Hereinafter referred to as the “Agreement Date”).

MCST will endeavour to transfer the first tranche of funding to the project account held by the Beneficiary as soon as possible after the Agreement Date, as described in the Grant Agreement. Between the Agreement Date and the Start Date, the Beneficiary should ensure that all activities required for a smooth project start are completed. These may include but not limited to:

- ✓ obtaining quotations for procurement purposes
- ✓ issuing a human-resources call
- ✓ opening a bank account for the depositing of the first tranche

To be eligible for funding, all expenses must be incurred between the Start Date and the End Date of the Project.

12 Double Funding

Funding under this Programme is made available on the basis that the project Beneficiary would not have benefited and will not benefit from any other grant or financial incentive of whatever



nature, applied for and/or utilised for the same scope as that subject of the funding requested under this Programme. Provided that, in the case where the application covers work that is part of a larger project, the Beneficiary must submit a table as an appendix to the application form that shows a comprehensive list of the items of work and the source of funding for each item.

By signing the Grant Agreement, Beneficiary is automatically accepting and authorising MCST to exchange essential information related to the project with other funding agencies, both local and overseas, for any necessary checks. Any occurrence of double funding should be communicated in writing to the Unit Director prior to the signing of the Grant Agreement.

13 Funding, Management and Progress Monitoring

13.1 Allocation and Disbursement of Funding

For the purposes of funding and reporting, a project submission shall be considered to be a **single stage (12-month period)**.

Total financial contribution over the lifetime of the project shall not exceed the funding limit as established in the Grant Agreement, irrespective of actual expenditure.

Periodic funding will be allocated according to the following schedule:

1. At the beginning of the project, MCST will provide the relevant pre-financing to the Beneficiary. This will include both direct and indirect eligible costs.
2. A retention consisting of 25% of the project grant shall be withheld by MCST and only released upon the successful completion of the project. The amount of retention will be deducted from the pre-financed funds.

The Project Coordinator will be required to submit a Final Technical Report at the end of the project, as well as a Final Audited Financial Report. The latter must contain a detailed account of the actual expenditure disbursed for the project.

In cases where an extension is required, the beneficiaries are expected to notify MCST, in writing, at least one month prior to the deadline. Such notification must be sent to Ms. Abigail Aquilina (abigail.aquilina@gov.mt) keeping Mr. Stephen Borg (stephen.i.borg@gov.mt) in copy.



13.2 Final Financial Audit

Upon the termination of the project or following the expiration of the Grant Agreement, it will be required to submit a Final Technical Project Report together with an Audited Final Financial Report for the whole project, thus covering the work and expenditure undertaken. The Final Financial Report must be audited by certified auditors appointed by the entity. Such appointed auditor/s shall be deemed responsible for the financial audit of the relevant entity and approved by MCST, once submitted. The financial audit must determine the total eligible costs, which costs are to be compared to the funds forwarded to the entity. The MCST reserves the right to appoint an independent auditor to audit the Project Financial Audit as submitted by the applicant. Upon finalisation of the financial audit, the technical audit may be performed based on the templates provided by the MCST.

When the audits are finalised and verified, the MCST shall release the retention money due to the Beneficiary. In the case of overpayment, the Beneficiary will be required to refund the unutilised to MCST.

13.3 The Technical and Financial Reports

The Technical and Financial Report shall include:

- ✓ An account of the activities and achievements carried out in the lifetime of the project compared with the contents of the application as originally submitted.
- ✓ An account of actual expenditure compared with the originally submitted, budgeted expenditure. Financial reports must be signed by the person responsible for the financial management and assembled as per the instructions laid down in the Grant Agreement.

The applicant is obliged to make use of the Technical and Financial Report templates which are provided by the MCST together with the Grant Agreement.

In addition to the audit verifications, the MCST may, at its discretion and as it deems fit, also conduct a detailed audit, consisting of a financial and a technical section, following the completion of the project. The 3-part audit will consist of the following:

The Financial Audit

- Accounts
- Physical Inventory
- Time-sheets and payslips
- Receipts for all equipment and consumables
- Bank statements for the R&I Project Account



The Project Management Audit

- Schedule management
- Change management
- Deliverables
- Achievements compared with Key Performance Indicators

The Technical Audit

- Brief summary of the project including scientific hypothesis investigated in the research
- Interpretation of Research Results

The MCST reserves the right to request additional project-related information and conduct intermediate audits at any time as it may deem necessary.

If a project is found to be in breach of the Grant Agreement or should it materially depart from the contents of the originally submitted application, the MCST reserves the right to retract the award and the applicant may be required to refund the Grant in part or in full. In any such event, the MCST may also exclude an applicant from participating in future calls of the Programme.

13.4 Accountability

Applicants must keep a separate bank account or records, which must be clearly distinguishable from its other accounting records. All relevant expenses must be recorded in this account.

Eligible expenses must have been determined in accordance with the usual accounting and management principles and practices of the Applicant. Direct eligible costs must be backed up with the relevant documentation.

14 Dissemination and Externalisation

14.1 Referencing

Any articles and text material published in relation to the completion of tasks proposed in the project should include the words:

‘Project <Project Name> financed by the Malta Council for Science & Technology, for and on behalf of the Foundation for Science and Technology, through the FUSION: R&I Research Excellence Programme’.

Any websites or printed material related to the project should also include the MCST logo, the Ministry logo or any other logo related to this Programme, and as provided by MCST, where possible.

If any printed material is published without a mention of the Research Excellence Programme and MCST, the Beneficiary shall be obliged to publish a correction at its own expense in the subsequent issue of the publication or for it to be edited accordingly in the cases of online publications. In the case where such publicity does not mention the Research Excellence Programme and MCST, associated costs will be considered ineligible and will not be considered to fulfil any deliverables proposed in the application form.

15 Supervening Circumstances

The Project Coordinator is obliged to immediately advise the Unit Director, of any internal or external significant event which might either affect the validity or the implementation of the project. This obligation applies to the entire period between the submission of the preliminary project application and the completion of the project.

The MCST shall acknowledge receipt of the said notification within five (5) working days. The reply will either give such directives as it deems necessary for the furtherance on the project or re-assess the project in its entirety accordingly.

Failure on the part of the Project Coordinator to comply with this obligation may be deemed by the MCST to constitute material non-compliance on the part of the Beneficiary and the MCST may, thereafter, take such action as is necessary in terms of the Grant Agreement, and in consequence of such non-compliance.

15.1 Time Extensions

Time extension requests are to be submitted in writing **one (1) month before the end of the project** to Ms. Abigail Aquilina, who will seek the approval of the Unit Director. Such extensions will be granted at the sole and unfettered discretion of MCST and the maximum extended period may not exceed **three (3) months**. The applicant must ensure that enough funding is available since no extra finances will be made available to cover the extension period.

15.2 Default

If the implementation of a project becomes impossible or implementation is not completed, MCST shall be entitled to take any action it deems necessary, including, but not limited to, the withdrawal of funding for the project and the collection of refunds of money already paid out. A similar course



of action may be followed if a project is in default as a result of not meeting one or more of its obligations. Prior to taking any drastic action, the MCST will provide a maximum of two notices indicating a rectification period of one month each.

16 Interpretation of Rules

This document endeavours to establish comprehensive and clear rules governing the participation in the Research Excellence Programme. However, should circumstances arise where the rules are inadequate, unclear, ambiguous, or conflicting, the MCST shall, exercise its discretion in the interpretation of the rules or will extrapolate the rules as necessary through the setting up of ad hoc committees.

APPENDIX 1

TECHNOLOGY READINESS LEVELS (TRLs)

TRLs are a means to define endpoints of projects along the innovation axes from Basic Research to the Market, ranging from TRL 1 (Basic Concept) to TRL 9 (Market Entrance).

Technology Readiness Level	Definition	Explanation
TRL 1	Basic principles observed and reported	Lowest level of technology readiness. Process concept with basic scientific foundation
TRL 2	Technology concept and/or application formulated	Scientific research begins to be translated into applied research and development. Applications are speculative and may be unproven.
TRL 3	Analytical and experimental critical function and/or characteristic proof-of-concept	Active research and development is initiated, including analytical / laboratory studies to validate predictions regarding the technology.
TRL 4	Scientific & process validation in laboratory environment	Basic technological components are integrated to establish that they will work together.
TRL 5	Scientific & process validation in intended environment	The basic technological components are integrated with reasonably realistic supporting elements so it can be tested in a simulated environment.
TRL 6	System / subsystem model or prototype demonstration in an intended environment (ground or space)	A representative model or prototype system is tested in an intended environment.
TRL 7	System (full-scale) prototype demonstration in a real operational environment at pre-commercial scale	A prototype system that is at the planned operational system.
TRL 8	Actual system completed and validated as capable commercial system	In an actual system, the technology has been proven to work in its final form and under expected conditions.



TRL 9	Full commercial application and technology available for consumers	The system incorporating the new technology in its final form has been used under actual mission conditions.
--------------	--	--