



# Resilient healthcare systems for pathogen outbreak preparedness

**Cooperation Indonesia-The Netherlands**

*Merian Fund and Indonesian Ministry of Education, Culture, Research and Technology*

## Call for proposals



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# 1 Introduction

In this Call for proposals information is provided about the application procedure for the “Resilient healthcare systems for pathogens outbreak preparedness” funding round. This Call for proposals falls under the responsibility of the Indonesian Ministry of Education, Culture, Research and Technology (KemendikbudRistek) and the Dutch Research Council (NWO).

In this Call for proposals you will find information about the aim of this programme (Chapter 2), the conditions for the grant application (Chapter 3) and how your proposal will be assessed (Chapter 4). This is the information you need to submit a grant application. Chapter 5 states the obligations for grant recipients in the event you are awarded funding, Chapter 6 contains the contact details and Chapter 7 the annexes.

## 1.1 Background

There is a long history of scientific collaboration between Indonesia and the Netherlands. NWO, through the Merian Fund, and Kemendikbudristek aim to further stimulate long term research collaboration between their two countries by funding joint research, to strengthen the international position and global impact of their research. Funding is provided for interdisciplinary and transdisciplinary consortia of Indonesian and Dutch research groups and stakeholder partners, for high quality research that has potential for societal and scientific impact.

NWO and Kemendikbudristek have agreed on strategic knowledge and innovation agendas. A Call for Proposals on a jointly agreed theme based on this agenda is published annually. Funded research should be in alignment with Indonesian National Research Priorities (Prioritas Riset Nasional) and the Dutch National Research Agenda, as well as international initiatives such as the UN Sustainable Development Goals, and build bridges between different actors in the knowledge chain, fundamental and applied research, and scientific disciplines.

## 1.2 Available budget

The total budget for this call is €1,400,000 on the Dutch side, and maximum ten work packages on the Indonesian side. With the available total budget, NWO and Kemendikbudristek aim to fund up to two projects together. A project can have a maximum duration of three years on the Indonesian side and four years on the Dutch side.

Projects can apply for a maximum of €700,000 at NWO. Projects can apply for a maximum of five work packages from Kemendikbudristek, with a maximum of 400,000,000 Indonesian Rupiah per year per work package. This maximum depends on the research area of the work package (see the regulations of the Ministry of Finance), and is subject to assessment by a Kemendikbudristek reviewer after the awarding decision. Each of these work packages must be led by a different Indonesian work package manager. The work packages need to be integrated within the project, to create one large project.

The NWO Grant Rules 2017 are applicable to the part of the project’s budget covered by the grant from NWO. The part of the budget covered by the grant from Kemendikbudristek must follow Kemendikbudristek’s BIMA Guidelines grant conditions. Please see Chapter 3 for further details.

## 1.3 Submission deadlines

The deadline for submitting full proposals is **May 9, 2023**, before 14:00:00 hours CEST.

When you submit your application in ISAAC, you will also need to enter some details online. Therefore please start submitting your application at least one day before the deadline of this Call for proposals. Applications that are submitted after the deadline will not be taken into consideration.

## 2 Aim

This chapter describes the aim of the programme and the societal impact.

### 2.1 Aim of the programme

Many societal challenges are complex and interrelated. To address them requires sustainable collaboration, flexibility and creativity to achieve sustainable results for effective and impactful solutions. The collaborative research financed by Kemendikbudristek and NWO in this Call is intended to work towards scientific knowledge and sustainable, innovative solutions for high scientific and societal impact. At the same time, Kemendikbudristek and NWO aim to stimulate strong research collaboration between their two countries. They do this by inviting consortia in which researchers from knowledge institutions from both countries will work with partners from public, semi-public and private organisations (for-profit and not-for-profit), in order to increase the societal relevance and impact of their research.

The collaborative research should work towards scientific knowledge and innovative solutions in the field of resilient healthcare systems for pathogen outbreak preparedness, in order to contribute to realising and supporting resilient societies. The objectives of this call for proposals are:

- to further develop the scientific and societal agenda on resilient healthcare systems;
- to create the appropriate inter- and transdisciplinary research partnerships from both countries;
- to contribute to the Sustainable Development Goals (SDGs)<sup>1</sup>.

### 2.2 Thematic focus

The environment in which we live, work, learn and play has an impact on our health. This environment is changing both in the Netherlands and in Indonesia as a result of climate change. It is for example well accepted that climate change can affect the existence of human pathogenic diseases and their spreading; climate change and rising temperatures lead, for example, to the spread of zoonosis, increasing the human population that is exposed to 'new' diseases. Rising temperatures further stimulate the rate of reproduction of pathogens.

A zoonosis is an infectious disease that has jumped from a non-human animal to humans. Zoonotic pathogens may be bacterial, viral or parasitic, or may involve unconventional agents and can spread to humans through direct contact or through food, water or the environment. Zoonoses comprise a large percentage of all newly identified infectious diseases as well as many existing ones, such as dengue and malaria.

Though the magnitude and consequences of some of these changes is not yet well-understood, in the light of 'existence and spreading' of 'new' infectious diseases in urban environments, such as zoonosis, it is important to prepare our health care systems so that we can better plan for preventing new worldwide outbreaks. This involves multiple sectors collaborating to promote and protect the population's health and address health inequalities, and biomedical, clinical, but also behavioural and social aspects.

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<sup>1</sup> See the overview of SDGs on the call funding page.

This call is for applications on research in the prevention of new zoonotic pathogen outbreaks and pandemic preparedness as it impacts human health. Applications should be interdisciplinary. As this is a topic where Indonesia and the Netherlands can also learn from each other, comparative work between the two countries may be beneficial. Research can range from fundamental to applied research, but should move towards application-oriented solutions such as roadmaps and methodologies for disease outbreak prevention and better tools for diagnosis.

## 2.3 Integrated research approach and international collaboration

### 2.3.1 Integrated research approach and co-creation

The challenges addressed in this Call are interrelated and multi-scalar, and to reach impact require a holistic approach that spans the entire research and innovation chain. The consortia should crosscut scientific disciplinary boundaries (interdisciplinarity) and integrate scientific and practitioners' knowledge in joint research (transdisciplinarity). Research should focus on the entire knowledge chain, from fundamental to applied and practical research. The proposed research itself should be characterised by integrated perspectives. It should evolve in a process of co-creation with different partners: researchers from both countries and societal partners should be actively involved throughout the entire project, in (advising on) defining and conducting the research as well as in communicating the progress and results, in order to jointly produce a mutually valued outcome. Added value may be achieved by integrating and synthesising various sources of knowledge to create new knowledge and by creating sustainability through the development of long-term knowledge relations.

Applications should be based on a thorough review of existing knowledge and should preferably be complementary to existing research initiatives and reinforce these where possible. Project teams are encouraged to use a combination of quantitative and qualitative and quasi-experimental research methods, including operational research, and should include research-into-use approaches.

Projects are also expected to collaborate with the other project awarded in this call, so as to enhance the impact of the call as a whole. As a part of this, projects will be expected to attend joint kick-off and mid-term workshops, as well as a final conference. Projects should budget for this accordingly, using the NWO budget module "Knowledge Utilisation" or via the budget applied for at Kemendikbudristek.

### 2.3.2 Fair research collaboration

For research partnerships to be effective, they have to be fair.<sup>2</sup> Proposals should be characterised by equal partnership and sustainable collaboration among the partners in the consortium and with relevant stakeholders. This includes gender equality. Evidence of such active engagement will be an element in the assessment of project proposals.

Consortium members, in close collaboration with team members and stakeholders, will steer the process of clarifying the demand; translate knowledge gaps into relevant research questions and approaches; formulate and submit the (preliminary) proposal; conduct, guide and advise on the research activities; coordinate and carry out communication and (possible) capacity-strengthening activities; share (intermediary) research outputs with relevant practitioner communities; support and enhance the communication of the research outputs to a broader group of (local) stakeholders outside the consortium, and support the application of new knowledge and insights.

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<sup>2</sup> NWO adheres to the *Research Fairness Initiative* of COHRED.

### 2.3.3 International collaboration

Applications should furthermore be characterised by equitable partnership and sustainable collaboration between the Indonesian and Dutch partners. This includes inter-institutional cooperation, a balanced contribution to the proposed research, and frequent exchange between the partners, including exchange visits by both senior and junior researchers. Projects must organise a maximum of four research visits (in total) of a minimum of three months for PhD students and/or post docs. Senior researchers should spend at least three weeks in total, over the duration of the project, on research visits. Projects should budget for this accordingly, using the NWO budget module “Internationalisation”, or via the budget requested from KemendikbudRistek.

## 2.4 Societal impact

New knowledge and insights from scientific research can make an important contribution to solutions for societal issues of today and tomorrow. Examples are the energy transition, health and care, or climate change. Through interaction and alignment between researchers and potential knowledge users, the chance of knowledge utilisation increases and with it the chance of societal impact. NWO<sup>3</sup> and KemendikbudRistek promote the potential contribution from research to societal issues by encouraging productive interactions with societal stakeholders, both during the development and implementation of research.

### 2.4.1 Tailor-made impact

In this programme, the Impact Plan approach is applied. With this, NWO and KemendikbudRistek facilitate the development of an integrated strategy by researchers and partners to purposefully increase the likelihood of achieving the desired societal impact

NWO offers an e-learning module that can help interested parties via <https://impact.nwo.nl/en>.

The research conducted in this call for proposals should have potential for societal impact, meaning cultural, economic, industrial, ecological or social changes that are (partly) the result of research-generated knowledge and skills. Societal impact is often only realised in the years after a research project has been concluded, and does not happen automatically. This is why, in addition to having a societal or industry partner within the consortium, the consortium is asked to state how approaches for achieving impact are integrated in the research design and conducted by the consortium in engagement with end users, such as practitioners, policymakers, and industry. To this end, applicants are asked to include an Impact Plan that sets out the potential pathways for impact of the proposed research. The Impact Plan approach to knowledge utilisation should be integrated into the research design and serves as an aid to increase the impact potential of the proposed research.

The Impact Plan consists of the following elements:

- *Productive interactions*: Exchanges between researchers and stakeholders in which knowledge is produced and valued that is both scientifically robust and socially relevant. Productive interactions are relational factors that promote (intermediate) knowledge utilisation and that can be consciously steered. The productivity of the interaction determines whether it contributes to knowledge utilisation. Examples of productive interactions are: formulation of research questions and approaches jointly with potential end-users (co-design), joint execution of research projects (co-creation), and interactive dialogue on research results. Interactions can be direct/personal, indirect or financial.
- A *Theory of Change* is a comprehensive description and illustration of how and why a desired change (impact) is expected to occur in a particular context. A Theory of Change is the missing link between what one does in a research study (the activities or interventions) and how that will lead to the realisation of the intended impact. Developing a Theory of Change is a joint effort with research partners as well as stakeholders, to allow for making explicit which (and whose)

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<sup>3</sup> For more information about the NWO knowledge utilisation policy, see the website: [Knowledge utilisation | NWO](#).

problem is being tackled, and how the desired change is perceived to happen through research efforts. Projections on expected change will be based on a myriad of assumptions; documenting these assumptions allows for reflection on whether and how expected pathways to impact remain adequate or need adjustment. A Theory of Change is not fixed, but rather reflected on continuously throughout the research process. For this reason, it is also used as part of the monitoring, evaluation and learning trajectory.

- The *Impact Pathway*, which is part of the Theory of Change, is the visualisation of the change process following from the research. It makes explicit how the research activities will lead to new insights (output), and how exchange of knowledge and the uptake of research output will contribute to desired changes in behaviour, relationships, actions and activities of partners and stakeholders (outcome) that are considered essential to achieving the desired impact. See box 1.
- A *Strategic Activity Planning* spells out how the proposed productive interactions contribute to achieving outcomes. Outputs do not automatically lead to outcomes, thus strategies are needed of the research consortium to plan and monitor how their efforts will enhance the potential for outcomes. This planning should include specific activities for:
  - Stakeholder engagement: Who are the relevant stakeholders to engage with according to context analysis, how are the productive interactions organised and when?;
  - Communication strategy: How are engagement dialogues organised and results exchanged and translated, and whose responsibility is it?;
  - Monitoring, Evaluation and Learning: How are results of activities monitored and evaluated, such that assumptions can be tested and activities adjusted accordingly and whose responsibility is it?;
  - Capacity strengthening: How are required capacities (of consortium partners and stakeholders) strengthened in order to achieve the outcomes, how is this organised and whose responsibility is it?

An important part of your Theory of Change and Impact Pathway is to identify assumptions and make them explicit. This concerns assumptions of the members of the consortium as well as stakeholders. Making these assumptions explicit can help you identify where change may happen in a different way than you envision, and where you may find that you need adjustment.

Activities should be placed under the budget module 'Knowledge utilisation' in the NWO budget, or can be requested from the Kemendikbudristek budget.



**Box 1: Defining Output, outcome and impact**

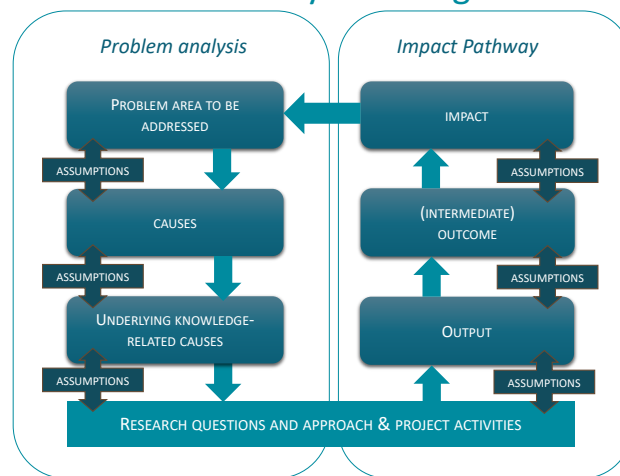
**Research outputs** relate to the direct and immediate insights obtained by a research project or programme.

**Research outcomes** relate to the changes in behaviour, relationships, actions, or activities of stakeholders as a result of sharing and uptake of research (*who* does *what* differently).

**Research impact** is defined as changes in economic, environmental and social conditions a project or programme is aiming at.

Change is a complex process that depends on a variety of actors and factors of which research is only one. Where research outputs fall under the direct sphere of control of a research project or programme, outcomes belong to their sphere of influence, and impact to their sphere of interest.

### Theory of Change



## 3 Conditions for applicants

This chapter contains the conditions that are applicable to your grant application. Firstly it describes who can apply for funding (Section 3.1) and what you can request funding for (Section 3.2). Subsequently, you will find the conditions for preparing and submitting the application (Sections 3.3 and 3.4) and the specific funding conditions (Section 3.5).

### 3.1 Who can apply

Eligible consortia are composed of researchers based in the Netherlands and in Indonesia, with active involvement in the project of a senior main applicant on both the Dutch and the Indonesian side, as well as a Dutch and an Indonesian co-applicant from different organisations than the main applicants. The consortium must also include a collaboration partner from a public, semi-public or private practitioner organisation (for-profit or not-for-profit).

Specifically, the Dutch and Indonesian sides of the consortium must fulfil the following requirements:

Dutch side of the consortium:

- One main applicant who fulfils the requirements of 3.1.1;
- At least one co-applicant who fulfils the requirements of 3.1.2 and is of a different organisation than the main applicant;

Indonesian side of the consortium:

- One main applicant who fulfils the requirements of 3.1.1;
- Multiple work package managers who fulfil the requirements in 3.1.2. At least one work package manager has to be from a different organisation than that of the main applicant.

And, on either the Indonesian or the Dutch side of the consortium,

- A partner from a public, semi-public or private practitioner organisation (for-profit or not-for-profit) from either The Netherlands or Indonesia. If registered as part of the Dutch side of the consortium, this organisation must be included as collaboration partner. If registered on the Indonesian side of the consortium and if they meet the criteria in 3.1.3, this organisation can be registered as co-applicant.

Together, the consortium members will 1) formulate relevant research questions and approaches; 2) formulate and submit the proposal through the main applicants; 3) conduct the project activities; 4) coordinate knowledge sharing and support the application, dissemination and communication of the project results to a broader group of possible knowledge users that are not a member of the consortium; and 5) take responsibility for the adequate and timely reporting conditions.

Each main applicant and consortium can only submit one proposal.

This call aims at knowledge chain-wide collaboration, to enhance demand articulation, ownership, and the effective uptake of results. For this reason, all consortium partners, as well as relevant stakeholders, are expected to be engaged in all phases of the project execution, from its inception to sharing the (emerging) results. Evidence of such active engagement will be an important element in the assessment of project proposals and may be demonstrated through references to involvement in project preparation, active involvement as a project partner and links between the proposed research project and ongoing projects of NGOs, private enterprises, and/or policy implementation.

### 3.1.1 Main applicants

#### Dutch side

Full, associate and assistant professors and other researchers with a comparable position\* may submit an application if they have a tenured position (and therefore a paid position for an indefinite period) or a tenure track agreement at one of the following organisations:

- universities located in the Kingdom of the Netherlands;
- university medical centres;
- institutes affiliated to the Royal Netherlands Academy of Arts and Sciences (KNAW) or NWO;
- university of applied sciences as referred to in Article 1.8 of the Higher Education and Scientific Research Act (WHW);
- Netherlands Cancer Institute;
- the Max Planck Institute for Psycholinguistics in Nijmegen;
- Naturalis Biodiversity Center;
- Advanced Research Centre for NanoLithography (ARCNL);
- Princess Máxima Center.

\*A comparable position refers to a researcher who has a demonstrable and comparable number of years of experience in carrying out scientific research and supervising other researchers as a full, associate or assistant professor. A lector or senior researcher employed by a university of applied sciences (hogeschool) or a TO2 institute must be able to demonstrate three or more years of research experience in order to act as a main applicant.

Persons with a zero-hour employment agreement or with a contract for a limited period of time (other than a tenure track appointment) may not submit a proposal.

It could be the case that the applicant's tenure track agreement ends before the intended completion date of the project for which funding is applied for, or that before that date, the applicant's tenured contract ends due to the applicant reaching retirement age. In that case, the applicant needs to include a statement from their employer in which the organisation concerned guarantees that the project and all project members for whom funding has been requested will receive adequate supervision for the full duration of the project.

Applicants with a part-time contract should guarantee adequate supervision of the project and all project members for whom funding is requested.

#### Indonesian main applicant

For Indonesian scientists, Kemendikbudristek requires the main applicant to meet conditions in accordance to BIMA Guideline, with minimum requirements as follows:

- Indonesian citizen and hold a permanent or fixed-term contract in an eligible university or research institute in Indonesia;
- An employee of Higher Education Institutions/University;
- Competent in oral and writing English skills;
- Receive permission from employing Higher Education Institutions/University to administer the grant;
- Meet the minimum terms and conditions of the grant for international collaboration.
- **The main applicant shall also be willing to coordinate the Indonesian members of the consortium in the administrative process and substance of the research.**

### 3.1.2 Work Package Manager (Kemendikbudristek grant only)

A Work Package Manager is the leader of the smaller unit of the research project that a project can be broken down to when creating a Work Breakdown Structure (WBS) on the Indonesian side of the consortium. A Work Package Manager will manage the grant from Kemendikbudristek. Each work

package manager can only lead 1 work package. At least one work package manager must be from a different university than the main applicant.

**Please refer to the most recent BIMA Guideline edition for complete requirements.**

Kemendikbudristek requires the Work Package Manager to meet conditions in accordance to the BIMA Guideline, with a minimum requirements as follows:

- Indonesian citizens and hold a permanent or fixed-term contract in an eligible university or research institute in Indonesia;
- An employee of Higher Education Institutions/University;
- Competent in oral and writing English skills;
- Receive permission from employing Higher Education Institutions/University to administer the grant;
- Meet the minimum terms and conditions of the grant for international collaboration.

### 3.1.3 Co-applicants

A co-applicant is a participant in the consortium and receives funding through the Principal Investigator or through a work package manager.

#### Dutch co-applicants

NWO requires at least one co-applicant from a different organisation than the Dutch main applicant. Full, associate and assistant professors and other researchers with a comparable position<sup>4</sup> may be a co-applicant if they have a tenured position (and therefore a paid position for an indefinite period) or a tenure track agreement at one of the following organisations:

- one of the institutions listed in 3.1.1 (on the Dutch side of the consortium);
- an organisation not listed in paragraph 3.1.1 which meets the following cumulative criteria:
  - is based in the Netherlands;
  - is a public institute and carries out its research independently;
  - receives at least 50 percent public funding;
  - is not-for-profit other than for the purpose of carrying out further research;
  - its researchers enjoy freedom of publication in international scientific journals.

**Please note:** these conditions will be assessed by NWO **prior to** submission of the application. To this end, the co-applicant's organisation must submit the following documents by email to [Indonesia-nl@nwo.nl](mailto:Indonesia-nl@nwo.nl) at least ten working days prior to the call deadline, being **25 April 2023**:

- a recent extract from the Chamber of Commerce register;
- the deed of incorporation, articles of association or other formal document indicating the public task and the non-profit status;
- the latest available annual accounts accompanied by an auditor's statement.

Persons with a zero-hour employment agreement or with a contract for a limited period of time (other than a tenure track appointment) may not submit a proposal. An exception to the required duration of appointment may be made for lectors employed by a university of applied sciences (hogescholen) under a temporary appointment that does not cover the entire duration of the project.

It could be the case that the co-applicant's tenure track agreement ends before the intended completion date of the project for which funding is applied for, or that before that date, the co-applicant's tenured contract ends due to the co-applicant reaching retirement age. In that case, the co-applicant needs to include a statement from their employer in which the organisation concerned

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<sup>4</sup> A comparable position refers to a researcher who has a demonstrable and comparable number of years of experience in carrying out scientific research and supervising other researchers as a full, associate or assistant professor. A lector or senior researcher employed by a university of applied sciences (hogeschool) or a TO2 institute must be able to demonstrate three or more years of research experience in order to act as a co-applicant.

guarantees that the project and all project members for whom funding has been requested will receive adequate supervision for the full duration of the project.

Please note that at least one co-applicant must be from a different organisation than the main applicant. NWO will not award funding if, in its view, the provision of funding would constitute State aid within the meaning of Article 107 of the Treaty on the Functioning of the European Union.

#### Indonesian co-applicants

The Indonesian Co-Applicant can be from a university or from a non-University Institution, such as : LPNK, Balitbang Kementerian, Litbang BUMN, Private Research Unit Institution, or also LSM.

### 3.1.4 Public and/or private collaboration partners

Consortia should contain a public and/or private practitioner collaboration partner. Public and/or private practitioner collaboration partners are partners from the public and/or semi-public sectors and/or industry. They are closely involved with the research and impact strategy. Please note that personnel of these organisations are excluded from payment of salaries and research costs from the NWO grant, unless they are hired through the NWO module 2 – work by third parties (see 3.2. What can be applied for). Costs for for-profit partners cannot be charged to the project budget. A public and/or private collaboration partner can receive funding from the Kemendikbudristek grant, and can be a co-applicant on the Indonesian side of the consortium.

All organisations participating in a consortium must be registered as a legal persona.

### 3.1.5 Main and co-applicants

The Dutch main applicant submits the full proposal via the NWO web application ISAAC and the Indonesian main applicant submits the full proposal via the BIMA system. They are responsible for informing each other and the rest of the consortium of any feedback received with regard to the consideration of the application.

The assessment process will take place via ISAAC. The Dutch main applicant is responsible for sharing the reviewer reports, information regarding the rebuttal and any further information with the Indonesian main applicant and the rest of the consortium.

The Indonesian main applicant and the Dutch main applicant will be informed of the grant decision by their respective funding agencies. They are responsible for informing each other and the rest of the consortium of this decision.

After a proposal has been awarded funding, the main applicants will become the project leaders and point of contact for their respective funding agencies. The (knowledge) institutions of the main applicants will be the main beneficiaries and will take responsibility for the project secretariat, the day-to-day management and all financial affairs of the research project, including the final financial accountability towards their respective funding agencies.

Co-applicants and collaboration partners have an active role in realising the project. The (sub) project leaders and beneficiary/beneficiaries are jointly responsible for realising the entire project.

## 3.2 What can be applied for

Different costs can be reimbursed from the Kemendikbudristek and NWO grants. The application form allows you to specify which organisation you would like to cover a certain cost. You should complete two budgets, one specifying the costs to be covered by the NWO grant and one specifying the costs to be covered by the Kemendikbudristek grant.

### Reimbursable costs from NWO

For an application in this Call for proposals, a maximum of €700,000 can be applied for from NWO. The maximum duration of the proposed project is 48 months. The budget modules (including the maximum amount) available for this Call for proposals are listed in the table below. Apply only for funding that is vital to realise the project. A more detailed explanation of the budget modules can be found in the annexe to this Call for proposals (7.1).

Budget module	Maximum amount
PhD student	No limit to number of positions, according to UNL rates <sup>5</sup>
Professional Doctorate in Engineering (PDEng)	No limit to number of positions, in combination with PhD student(s) and or postdoc(s), according to UNL rates <sup>5</sup>
Postdoc	No limit to number of positions, according to UNL rates <sup>5</sup>
Non-scientific staff (NSS) at universities	€100,000, non-scientific staff at (NSS) universities <sup>5</sup> ; in combination with PhD student(s) and or postdoc(s) <sup>5</sup>
Other Scientific personnel (OSS) at universities	€100,000, in combination with PhD student and/or postdoc
Research leave	5 months, 1 FTE, according to UNL rates <sup>5</sup>
Personnel universities of applied sciences, educational institutions and other organisations	No limit to number of positions, in accordance with the applicable rate at the time of awarding the grant as taken from Table 2.2, column 'Hourly rate productive hours, excl. Dutch VAT' from the <i>Handleiding Overheidstarieven</i> [HOT- Manual Dutch Government rates] ( <a href="#">Salary tables   NWO</a> )
Material costs	€15,000 per year per FTE scientific position
Investments (up to €150,000)	Maximum €150,000
Knowledge utilisation	Maximum 20% of the total budget applied for from NWO
Internationalisation	Maximum 20% of the total budget applied for from NWO
Money follows Cooperation	less than 50% of the total budget applied for
Project management	Maximum 5% of the total budget applied for from NWO

### Reimbursable costs Kemendikbudristek

For researchers funded by the KemendikbudRistek, the budget should follow guidelines from Ministry of Finance of the Republic of Indonesia for the standard of input and standard of output cost.

Examples of limitations for budget of Indonesian researchers are as follows:

- Indonesian grant cannot be used for equipment, salary, communication, and mobility that are not related to the topic of their research.
- Personnel Costs for student research assistants can be covered if their work is clearly related to the research project, by referring to the Regulation of the Minister of Finance of the Republic of Indonesia, specifically the "Standar Biaya Masukan (Standard of input cost)".
- Mobility of Indonesian research cover :
  - Flight to and from destination : economy class flight
  - Visa costs
  - Transfer to and from the airport
  - Daily allowance (the amount depends on the destination)
  - Insurance fees

<sup>5</sup> For personnel outside the Netherlands, the local rates are reimbursed. These rates are capped at a maximum equal to the UNL rates corrected by the NWO Country correction coefficients (CCC) table, see <https://www.nwo.nl/en/money-follows-cooperation>.

## 3.3 Preparing an application

### Webinar

A webinar on the call for proposals and the Impact Plan approach will be held on 8 March 2023. In this webinar, you will be given more information regarding this approach, as well as have the opportunity to ask questions. It is not mandatory. More information, including the link to join the webinar, will be made available on the Cooperation Indonesia-The Netherlands programme page<sup>6</sup>.

### Application

The steps involved in writing your application are:

- download the application form from the NWO web application ISAAC or from the NWO web page (on the grant page of the funding instrument concerned) or the KemendikbudRistek website;
- complete the application form and the Excel budget;
- save the application form in ISAAC as a PDF file and upload it with any compulsory annexes ;
- fill in the requested information online in ISAAC;
- Save the application form in the BIMA system as PDF file and upload any compulsory annexes.

Compulsory annexes:

- Budget form;
- A work breakdown structure chart, including how the work packages requested on the Indonesian side fit into the project as a whole;
- A letter of commitment from the organisations of the main applicants, co-applicants, and collaboration partner(s), in which the institution or organisation confirms that they agree to the conditions required for the execution of the project and that the main- and co-applicants have the necessary appointment. This letter confirms the participation of the consortium members named in the application, as well as confirm any contributions by the organisation (in FTE and/or financially), such as the fourth year of a PhD trajectory of additional time from consortium members not covered by the NWO grant. If it concerns a contribution to a PhD or postdoc position, please confirm the numerical amount that is contributed in accordance with the UNL salary tables. The letter must be signed by the Dean of the faculty or director of the organisation and be printed on the letterhead of the institution or organisation. See the format in Annex 7.2;
- A draft consortium agreement (see funding page);
- CVs of both main applicants and all co-applicants and collaboration partners (each max 1 A4 page). Do not include photos;
- (In case of co-financing by organisations that are not part of the consortium) a declaration of co-funding from the co-financing institution confirming the numeric amount that will be provided as co-financing.

In case NWO and Kemendikbudristek have made a template available, the annex should be drawn up according to that template. Annexes must be uploaded in ISAAC separately from the application. All of the annexes, except for the budget, must be submitted as PDF files (without encryption). The budget requested from NWO must be submitted in ISAAC as an Excel file. Any annexes other than those above-mentioned are not permitted.

You must write your application in English.

The Indonesian main applicant must submit the joint proposal to KemendikbudRistek via the BIMA system. If the project is awarded, the Indonesian work package managers will have to submit their work packages to KemendikbudRistek. Awarded projects will receive further information about this from KemendikbudRistek.

<sup>6</sup> [Cooperation Indonesia \(DIKBUDRISTEK\) | Merian Fund | NWO](#)

An application can only be submitted to NWO via the web application ISAAC. Applications that are not submitted via ISAAC will not be taken into consideration.

As Dutch main applicant, you are required to submit the joint application via your own personal ISAAC account.

It is important to start with your application in ISAAC on time:

- if you do not yet have an ISAAC account, then you should create this on time to prevent any possible registration problems;
- any new organisations must also be added to ISAAC by NWO;
- you also need to submit other details online.

For technical questions, please contact the ISAAC helpdesk, see contact (Chapter 6).

Does a main and/or co-applicant, work package manager or cooperation partner work at an organisation that is not included in the ISAAC database? You can report this via [relatiebeheer@nwo.nl](mailto:relatiebeheer@nwo.nl) so that the organisation can be added. This will take several days. It is therefore important that you report this at least one week before the deadline. <mailto:relatiebeheer@nwo.nl>

Applicants must inform the organisation where they work about the submission of the application, and the organisation must accept the granting conditions of this Call for proposals, as made clear by the letter of commitment.

## 3.4 Conditions for submission

### 3.4.1 Formal conditions for submission

Kemendikbudristek and NWO will assess your proposal against the conditions listed below. NWO will check the joint proposal and the Dutch side of the consortium, and KemendikbudRistek will check the Indonesian side of the consortium and the budget requested from KemendikbudRistek. Your proposal will only be admitted to the assessment procedure if it meets these conditions. After submitting your proposal, Kemendikbudristek and NWO request you to be available to implement any possible administrative corrections so that you can (still) meet the conditions for submission.

These conditions are:

- the main applicants, work package managers, and co-applicants meet the conditions stated in Section 3.1;
- the application form is, after a possible request to make additions or changes, complete and filled out according to the instructions;
- the joint application is submitted via the Dutch main applicant's ISAAC account;
- the joint application has been submitted by the Indonesian main applicant to the BIMA system;
- the application submitted by the Dutch and the Indonesian main applicant is received at or before the deadline set;
- the application is written in English;
- the budget is drawn up in accordance with the conditions for this Call for proposals, both on the Dutch and Indonesian side;
- the proposed project has a duration of at most 36 months on the Indonesian side and 48 months on the Dutch side;
- All of the required annexes are, after a possible request to make additions or changes, complete and filled out according to the instructions.



## 3.5 Conditions on granting

The [NWO Grant Rules 2017](#) and the Agreement on the Payment of Costs for Scientific Research are applicable to all grants awarded by NWO. The BIMA guidelines are applicable to all grants awarded by Kemendikbudristek.

### 3.5.1 Data management

The results of scientific research must be replicable, verifiable and falsifiable. In the digital age, this means that, in addition to publications, research data must also be publicly accessible insofar as this is possible. NWO and KemendikbudRistek expect that research data resulting from projects funded in this call will be made publicly available, as much as possible, for reuse by other researchers. “As open as possible, as closed as necessary” is the applicable principle in this respect. Researchers are at least expected to make the data and/or non-numerical results that underlie the conclusions of work published within the project publicly available at the same time as the work’s publication. Any costs incurred for this can be included in the project budget. Researchers should explain how data emerging from the project will be dealt with based on the data management section in the proposal and the data management plan that is drawn up after funding is awarded.

#### Data management Section

The data management section is part of the proposal. Researchers are asked before the start of the research to consider how the data collected will be ordered and categorised so that this can be made publicly available. Measures will often already need to be taken, during the creation of data and analysis of the data, to make its later storage and dissemination possible. If it is not possible to make all data from the project publicly available, for example due to reasons of privacy, ethics or valorisation, then the applicant is obliged to list the reasons for this in the data management section.

The data management section in the proposal is not evaluated and will therefore not be weighed in the decision whether to award funding. However, both the referees and the committee can issue advice with respect to the data management section.

### 3.5.2 Scientific integrity

In accordance with the NWO Grant Rules 2017, the project that NWO funds must be carried out in accordance with the nationally and internationally accepted standards for scientific conduct as stated in the Netherlands Code of Conduct for Research Integrity (2018). By submitting the proposal, the applicant commits to this code. In the case of a (possible) violation of these standards during a project funded by NWO and KemendikbudRistek, the applicant should immediately inform NWO and KemendikbudRistek of this and should submit all relevant documents to NWO and KemendikbudRistek. More information about the code of conduct and the policy regarding research integrity can be found on the website: [Scientific integrity | NWO](https://www.nwo.nl/en/scientific-integrity)<https://www.nwo.nl/en/scientific-integrity>

### 3.5.3 Ethical statement or licence

The applicant is responsible for determining whether an ethical statement or licence is needed for the realisation of the proposed project. The applicant should ensure that this is obtained from the relevant institution or ethics committee on time. If the project is awarded funding, then the grant is issued under the condition that the necessary ethical statement or licence is obtained before the latest start date for the project. The project cannot start until NWO has received a copy of the ethical statement or licence.

It is the responsibility of the main applicants, in conjunction with their institutions, to ensure that all research activities comply with the laws and regulations of the country in which the research activities are conducted.

Applicants have to act in accordance with the nationally and internationally accepted standards of scientific activity, as set out in the Netherlands Code of Conduct for Research Integrity and the Global Code of Conduct for Research in Resource-Poor Settings. In case research is conducted in fragile contexts, it is advised to consult the Security Guidelines for field research in complex, remote and hazardous places.

For complex questions related to ethical issues, NWO and Kemendikbudristek reserve the right to consult an external adviser. If after consulting the applicant, NWO and Kemendikbudristek are of the opinion that an ethical assessment is needed for the application, then the applicant is obliged to take the necessary measures for such an assessment. If the applicants fail to obtain the necessary statement of approval from an ethics review committee then the grant shall be immediately withdrawn.

### 3.5.4 Nagoya Protocol

The Nagoya Protocol ensures an honest and reasonable distribution of benefits emerging from the use of genetic resources (Access and Benefit Sharing; ABS). Researchers who make use of genetic sources from the Netherlands or abroad for their research should familiarise themselves with the Nagoya Protocol (ABS Focal Point - ABS Focal Point). NWO and KemendikbudRistek assume that researchers will take all necessary actions with respect to the Nagoya Protocol.

### 3.5.5 Co-funding

- Co-financing by private and/or public parties is not a requirement for this call, but if available, can take the form of in-kind or in-cash co-financing, with a maximum of 50% of the total project budget.
- It is possible for contributions to be partially in-kind and partially in-cash. The amounts of co-financing specified in the budget should correspond to the amount of co-financing specified in the declaration of co-funding.
- In the case of a contribution by a consortium member, this contribution (in FTE and/or financially), such as the fourth year of a PhD trajectory of additional time from consortium members not covered by the NWO grant, should be confirmed in the letter of commitment. If it concerns a contribution to a PhD or postdoc position, please confirm the numerical amount that is contributed in accordance with the UNL salary tables.
- Co-financing provided by an Indonesian institution or organisation should preferably be included in the Indonesian budget, and should be accounted for to Kemendikbudristek. Co-financing provided by other institutions or organisations should preferably be included in the NWO budget, and accounted for to NWO.
- After a research proposal has been awarded funding, NWO will invoice the private or public party that has pledged an in-cash contribution if that in-cash contribution to the NWO budget is equal to or exceeds € 5,000. After the contribution has been received, the money will be awarded to the project. It is the responsibility of the Dutch main applicant to invoice cash co-funding organisations who are contributing less than € 5,000.

### 3.5.6 Programmatic coherence

The projects awarded under this call should contribute to healthier living environments. To this end, main applicants, researchers and other consortium members are expected to contribute to knowledge exchange and knowledge utilisation at a programme level, and to participate in and contribute to the meetings organised for that purpose. This includes a joint kick-off and mid-term workshop with all projects of the call, as well as a final conference. This is in addition to the activities organised by the individual projects for this purpose. Consortia should budget for their participation in these meetings in their application (at least € 15,000).

## 4 Assessment procedure

This chapter first describes the assessment according to the DORA principles (Section 4.1) and the course of the assessment procedure (Section 4.2). Second, it states the criteria that the assessment committee will use to assess your application (Section 4.3).

The NWO Code for Dealing with Personal Interests applies to all persons and NWO employees involved in the assessment and/or decision-taking process ([Code for Dealing with Personal Interests | NWO](#)).

NWO<sup>7</sup> and KemendikbudRistek strive to achieve an inclusive culture in which there is no place for conscious or unconscious barriers due to cultural, ethnic or religious background, gender, sexual orientation, health or age. NWO and KemendikbudRistek encourage referees and members of the assessment committee to be actively aware of implicit associations and to try to minimise these. NWO and KemendikbudRistek will provide them with information about concrete ways of improving the assessment of an application. [Diversity and inclusion | NWO](#)

### 4.1 The San Francisco Declaration (DORA)

The San Francisco Declaration on Research Assessment (DORA) is a worldwide initiative that aims to improve the way research and researchers are assessed. DORA contains recommendations for research funders, research institutions, scientific journals and other parties.

DORA aims to reduce the uncritical use of bibliometric indicators and obviate unconscious bias in the assessment of research and researchers. DORA's overarching philosophy is that research should be evaluated on its own merits rather than on the basis of surrogate measures, such as the journal in which the research is published.

When assessing the scientific track record of applicants, NWO and KemendikbudRistek make use of a broad definition of scientific output.

NWO and KemendikbudRistek request committee members and referees not to rely on indicators such as the Journal Impact Factor or the h-index when assessing applications. Applicants are not allowed to mention these in their applications. You are, however, allowed to list other scientific products besides publications, such as datasets, patents, software and code, et cetera.

For more information on the principles of DORA, see [DORA | NWO](#)

### 4.2 Procedure

The application procedure consists of the following steps:

- Submission of the proposal
- Admissibility of the proposal
- Peer review by referees
- Rebuttal
- Assessment committee meeting
- Decision-making

An external, independent assessment committee will be installed for this Call for proposals, consisting of representatives from science and practice with knowledge of the field.

The task of the assessment committee is to assess the applications and the relevant documents submitted, in conjunction with each other and on each application's own merit, on the basis of the selection criteria given in this Call for proposals.

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<sup>7</sup> <https://www.nwo.nl/en/diversity-and-inclusion>

### 4.2.1 Submission of a proposal

For the submission of the proposal, a standard form is available on the funding page of this Call for proposals on the NWO and KemendikbudRistek websites. When you write your proposal, you must adhere to the questions stated on this form and the procedure given in the explanatory notes. You must also adhere to the conditions for the maximum number of words and pages.

Your complete application form must have been received before the deadline via ISAAC (see paragraph 1.3) and the BIMA system. After this deadline, you can no longer submit a proposal. After submitting the proposal, the main applicants will receive a confirmation of receipt.

Indonesian work package managers should submit their work package together with the joint application to the BIMA system.

### 4.2.2 Admissibility of the proposal

As soon as possible after you have submitted your proposal, you will hear from NWO and KemendikbudRistek whether or not your proposal will be taken into consideration. NWO and KemendikbudRistek will determine this based on several administrative-technical criteria (see the formal conditions for submission, Section 3.4). NWO and KemendikbudRistek can only take your proposal into consideration if it meets these conditions.

Please bear in mind that within two weeks after the submission deadline, NWO and KemendikbudRistek may approach you with any possible administrative corrections that need to be made so that your proposal can (still) meet the conditions for submission. You will be given two opportunities to make the corrections. You will be given five working days for the first correction round, and two working days for the second correction round..

### 4.2.3 Peer review by referees

Before the assessment committee considers your proposal, NWO and KemendikbudRistek will request input from at least two external referees. These are independent advisers who are expert in the subject of the proposal. They will assess the proposal based on the assessment criteria stated in the Call for proposals (Section 4.3).

A maximum of three non-referees can be registered. Applicants can register these non-referees in ISAAC when submitting the proposal. NWO and KemendikbudRistek will not approach these non-referees to assess the proposal as external referees.

### 4.2.4 Rebuttal

The Dutch main applicant subsequently receives the anonymised referee reports, and should share these with the rest of the consortium. You then have the opportunity to formulate a rebuttal. You will be given ten working days to submit your consortium's rebuttal via ISAAC. If your consortium decides to withdraw the proposal, then you should do this as quickly as possible by sending an email stating this to the office and withdrawing the proposal in ISAAC. If NWO receives your rebuttal after the deadline, then it will not be included in the rest of the procedure.

### 4.2.5 Pre-advice assessment committee

After this, your proposal, the referees' reports and your rebuttal will be submitted for comments to several members of the assessment committee (the pre-advisers). The pre-advisers will provide a written substantive and reasoned response to the proposal. They will formulate these comments based on the substantive assessment criteria (see Section 4.3.1) and will give the proposal a numerical score per assessment criterion. For this, the NWO score table will be used (on a scale of 1 to 9, where "1" is excellent and "9" unsatisfactory).

## 4.2.6 Meeting of the assessment committee

The committee will make its own assessment based on the available material. The referees' reports will to a large extent 'guide' the final assessment but will not be blindly accepted by the committee without question. The committee will consider and compare the arguments of the referees (also among each other) and examine whether the rebuttal contains a well-formulated response to the critical comments from the referees' reports. Furthermore, the committee, unlike the referees, assesses the quality of all proposals and rebuttals submitted. Therefore, the committee may differ from the referees in their assessment.

Following the discussion, the committee draws up a written recommendation addressed to the officials at KemendikbudRistek and the NWO-WOTRO Steering Committee about the quality and ranking of the proposals. This recommendation is based on the assessment criteria. The proposal must receive an overall qualification of at least "very good" to be eligible for funding. The proposal must also receive at least the qualification "very good" for each of the individual assessment criteria. For more information about the qualifications, see [Applying for funding, how does it work? | NWO](#)

If, after the discussion of the full proposals, two or more of the full proposals cannot be distinguished from each other based on their weighted total score, then there is an ex aequo situation (see the paragraph about ex aequo).

## 4.2.7 Ex aequo

NWO and KemendikbudRistek understand ex aequo to be a situation in which two or more proposals, based on their weighted score, cannot be distinguished from each other. An ex aequo situation is relevant with respect to the limits of the available budget or the selection limit. The existence of an ex aequo situation is determined as follows. The starting point is the ranking drawn up by the assessment committee, with the final scores rounded to two decimal points. The reference score is the score of the lowest-ranked proposal within the limits of the available budget or the selection limit. All proposals with a score that is within 0.05 or less of the reference score will be considered. In this way, the proposals that are equal within a score of 0.1 will be selected. If an ex aequo situation occurs at the limits of available budget or the selection limit, preference will be given to the application that has the highest score for the criterion 'Quality of the research'. If the proposals subsequently still tied, the assessment committee, with the help of an (anonymous) majority vote, will determine the ranking (in accordance with Article 2.2.7, third paragraph, sub a, part iv of the NWO Grant Rules 2017). If this vote provides no resolution either, or is not desirable to vote, the ex aequo situation will be sent on to the decision-making body.

## 4.2.8 Decision-making

Finally, the officials at KemendikbudRistek and the NWO-WOTRO Steering Committee will assess the procedure followed and the advice from the assessment committee. They will subsequently determine the final qualifications and take a decision about awarding or rejecting the proposals.

## 4.2.9 Timetable

Below, you will find the timetable for this Call for proposals. During the current procedure, NWO might find it necessary to make further changes to the timetable for this Call for proposals. You will be informed about this in time.

<b>Proposals</b>	
9 May 2023, 14:00:00 CEST	Submission deadline in the Netherlands
9 May 2023, 19:00:00 WIB	Submission deadline in Indonesia
May-August 2023	Referees consulted

End of August/early September 2023	Applicants can submit a rebuttal
End of October 2023	Assessment committee meeting
December 2023	Decision by the officials at KemendikbudRistek and the NWO-WOTRO Steering Committee

## 4.3 Criteria

### 4.3.1 Substantive assessment criteria

The applications submitted within this Call for proposals will be substantially assessed on the basis of the following criteria:

- I. Quality of the research
- II. Potential for societal impact
- III. Quality of the consortium

The criteria carry equal weight and each count for one-third of the final assessment.

The assessment criteria are further operationalised below:

- I. *Quality of the research*
  - Scientific importance and innovativeness of the research questions and approach;
  - Degree to which the proposal substantiates convincingly how the research relates to the thematic focus of the Call for proposals;
  - Complementarity to other research programmes, the Indonesian National Research Priorities, Dutch Research Agenda and the Sustainable Development Goals;
  - Rigour of the research design: adequacy, feasibility and coherence of the research approach and methodology in view of the problem addressed;
  - The research is inter -and transdisciplinary; and incorporates these scientific disciplines to address the problem, as well as knowledge from outside the scientific community;
  - Adequacy of the budget.
- II. *Potential for societal impact*
  - Relevance for society and potential for societal breakthroughs;
  - Suitable involvement of target groups, convincingly responding to their demand;
  - Quality of the impact plan:
    - i. a clear problem statement, analysis and vision on the desired societal impact;
    - ii. a logical impact pathway presenting plausible pathways to societal impact;
    - iii. appropriate and feasible strategic activity planning;
    - iv. relevant stakeholder involvement in the development and execution of the impact plan.
- III. *Quality of the consortium*
  - Suitability of the consortium partners' expertise in relation to the research project;
  - Potential for long term knowledge relations;
  - Quality of the Indonesia-Netherlands collaboration, including fair and equitable partnership.

## 5 Obligations for grant recipients

This chapter details the various obligations that - in addition to the conditions stated in Section 3.5 - apply after funds have been awarded.

### 5.1 Start and runtime of project

The project should start within six months of the project being awarded. At least one researcher must be appointed to the project at the time of its start. If the project has not started within six months, the NWO-WOTRO Steering Committee, on behalf of NWO, and the accredited KemendikbudRistek officials can decide to revoke the granting decision.

#### Start documents

The Dutch project leader and the Indonesian project leader are responsible for ensuring the necessary documents for the start of the project are submitted to their respective funding agencies, so that the project in its entirety can start on time.

#### Start documents to be submitted to NWO

The project can start if the following documents have been approved by NWO:

- A project notification form with information of project staff;
- A data management plan;
- A consortium agreement, signed by all consortium organisations;
- (If applicable) approval of relevant ethics committees;
- (If applicable) receipt by NWO of the first tranche of in-cash co-financing.

#### Start documents to be submitted to KemendikbudRistek

Once the assessment process is complete, the Indonesian project leader and Work Package Managers who are selected and become part of the awarded consortia will need to submit their proposals via BIMA for administrative and budget assessments. The opening and deadline for this selection will be announced later through NWO and KemendikbudRistek's communication channels.

For the Indonesian researchers, the projects can start if:

- Each Work Package Manager has submitted their proposal into the BIMA. The Indonesian PI must coordinate and ensure all members' submission.
- All proposals have been reviewed by the reviewer especially in regards to budget and financial feasibility
- Contract between KEMENDIKBUDRISTEK and the Indonesian researchers' employing organization have been signed. Funding will be disbursed to through the institution.

#### Publications

When publishing the results of the subsidised research, the support by NWO and KemendikbudRistek should be mentioned.

## 5.2 Reporting

### 5.2.1 Reporting to NWO

#### Annual report

Annually, the project must submit a written report (in English) to inform NWO on the overall project progress, experiences and output. The project leaders from both countries will receive instructions and a format for this report in advance.

### Mid-term report

The projects will also be evaluated at about the mid-term of the projects' running time by a self-assessment. This includes a workshop, organised by the consortium, and sharing and discussing the results with stakeholders from outside the project team. Consortia should include this workshop in their budget. The mid-term report will be based on the conclusions of the workshop, including a reflection on and, if required, revision of the impact plan, the underlying assumptions and the indicators. The assessment committee created by KemendikbudRistek and NWO will evaluate the progress of the projects based on mid-term reports submitted by the consortia. Interviews or field visits may be organised to evaluate the progress and impact of the projects. The assessment committee will give recommendations to the projects based on their evaluations.

The mid-term report of all the projects of a call need to be submitted before the joint mid-term workshop and will be used as input for organising this mid-term workshop.

### Final report and final accountability to NWO

A substantive final report should be submitted within three months after the end of the project's runtime, detailing the research done and the achieved results, as well as a reflection on the project's impact plan and its indicators. As part of this, projects will be asked to again complete a self-assessment, and hold a final workshop and a discussion with stakeholders from outside the project team. The final substantive report will again be evaluated by the assessment committee, created by KemendikbudRistek and NWO. The final workshop should again be taken into account in the consortium's budget.

Simultaneously, the Netherlands-based project leader and the controller/financial manager of the Dutch project leader's institution should submit a signed financial end report, organised according to the budget lines of the approved NWO budget. The report should detail, among others, the effective duration (period) and size (fte) of the personnel appointed to the project, and, if applicable, how eventual replacements were arranged. The realised in-cash and in-kind co-financing should also be accounted for.

If the Netherlands-based project leader is not based at a knowledge institution that is subject to the education accountants protocol of the Ministry of Education, Culture and Science, an external audit report must also be submitted. NWO reserves the right to conduct an external financial audit.

NWO reserves the right to externally evaluate projects financed under this call. The project ends with the issuing of the grant settlement decision. This decision is taken after approval of the final document(s) by NWO.

## 5.2.2 Reporting to KemendikbudRistek

The Work Package Manager is obligated to provide progress reports, annual reports, and final research report that will be regulated in the contract.

- The Work Package Manager must report the progress of the research output, and the daily record of research activities.
- Research output and daily records of research activities, Research Progress Report, are reported through BIMA.
- The Work Package Manager is obligated to make a Final Report of Research through BIMA

Research Budget Planning (RAB) for Indonesian researchers refers to the Minister of Finance Regulation (PMK) on Output base research budget Standards (SBK). SBK is the maximum research budget that can be agreed to achieve mandatory outcome targets. RAB must be broken down in accordance with the Input Cost Standards (SBM). Justification of RAB is made based on research needs. The details of the RAB contain material expenditure components, data collection, data analysis, equipment rental, reporting, mandatory outputs, and additional outcomes. The financial report in



terms of financial accountability must refer to the Finance Ministry regulation about output base research financial implementation.

## 5.3 Data management

After a proposal has been awarded funding, the researcher should elaborate the data management section into a data management plan. For this, applicants can make use of the advice from the referees and committee. The applicant describes in the plan whether use will be made of existing data, whether new data will be collected or generated, and how the data will be made FAIR: Findable, Accessible, Interoperable, Reusable. Before submission, the data management plan should be checked by a data steward or similar officer of the organisation where the project will be realised. The plan should be submitted to NWO via ISAAC within 4 months after the proposal has been awarded funding. NWO will check the plan as quickly as possible. Approval of the data management plan by NWO is a condition for disbursement of the funding. The plan can be adjusted during the research.

More information about the data management protocol of NWO can be found at: [Research data management | NWO](#).

## 5.4 Intellectual property and consortium agreement

With respect to intellectual property (IP), the NWO IP policy applies. This can be found in Chapter 4 of the NWO Grant Rules 2017. Applicants must carry out a project funded by NWO during the time that they work for the knowledge institution. If an applicant or a researcher funded by NWO is appointed by more than one employer, then the other employer should relinquish any possible IP rights that emerge from the project of the applicant. Indonesian main applicants and work package managers should furthermore ensure that any IP emanating from the execution of their project is managed in accordance with the BIMA guidelines.

For research partnerships to be effective, they have to be fair and equitable. After a proposal has been awarded funding, the conclusion of a consortium agreement is one of the conditions for starting the project. In this agreement, arrangements are made about intellectual property and publication, knowledge transfer, confidentiality, co-financing payments, progress reports, and final reports. Approval from NWO and KemendikbudRistek is required before the project can start. The responsibility for arranging the consortium agreement lies with the applicant.

The model consortium agreement that NWO and KemendikbudRistek make available must be used and can be found on the funding page of this Call for proposals.

### 5.4.1 Socially responsible licensing

The knowledge that emerges from the project could be suitable for use in society. When agreements about licensing and/or the transfer of research results developed under this Call for proposals are made, due consideration should be given to the ten principles for socially responsible licensing, as stated in the NFU factsheet "[19.4511 Ten principles for Socially Responsible Licensing v19-12-2019.pdf \(nfu.nl\)](#)".

### 5.4.2 Open Access

NWO<sup>8</sup> and KemendikbudRistek are committed to making the results of the research they fund openly accessible via the internet (Open Access). Scientific publications arising from projects awarded on the basis of this Call for proposals must therefore be made available in Open Access form in accordance with the Open Access Policy.

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<sup>8</sup> NWO is a signatory to the Berlin Declaration (2003) and a member of cOAlition S (2018).

### Scientific articles

Scientific articles must be made available in Open Access form immediately at the time of publication (without embargo) via one of the following routes:

- publication in a fully Open Access journal or platform registered in the DOAJ;
- publication in a subscription journal and the immediate deposition of at least the author accepted manuscript of the article in an Open Access repository registered in Open DOAR;
- publication in a journal for which a transformative Open Access agreement exists between UNL and a publisher. For further information, see <https://www.openaccess.nl/en>

### Books

Different requirements apply to scholarly books, book chapters and edited collections. See the Open Access Policy Framework at <https://www.nwo.nl/en/open-science>

### CC BY licence

To ensure the widest possible dissemination of publications, at least a Creative Commons (CC BY) licence must be applied. Alternatively – in case of substantial interest – the author may request to publish under a CC BY-ND licence. For books, book chapters and collected volumes, all CC BY licence options are allowed.

### Costs

Costs for publication in fully Open Access journals can be budgeted in the application using the budget module for “material costs”. Costs for publications in hybrid journals are not eligible for reimbursement by NWO. For Open Access books, a separate NWO Open Access Books Fund is available.

For more detailed information about NWO’s Open Access policy, see [Open Science | NWO](#)

## 6 Contact and other information

### 6.1 Contact

#### 6.1.1 Specific questions

For specific questions about this Call for proposals, please contact:

[KemendikbudRistek](#)

Erlin Puspaputri

Coordinator of Research

(+62 021) 57946104

[epuspaputri@kemdikbud.go.id](mailto:epuspaputri@kemdikbud.go.id)

[NWO](#)

Ms. Maaïke Spiekerman

Academic Secretary

+31 (0)70 349 4094

[Indonesia-nl@nwo.nl](mailto:Indonesia-nl@nwo.nl)

#### 6.1.2 Technical questions about the web application ISAAC

For technical questions about the use of ISAAC, please contact the ISAAC helpdesk. Please read the manual first before consulting the helpdesk. The ISAAC helpdesk can be contacted from Monday to Friday between 10:00 and 17:00 hours on +31 70 34 40 600. However, you can also submit your question by email to [isaac.helpdesk@nwo.nl](mailto:isaac.helpdesk@nwo.nl). You will then receive an answer within two working days.

### 6.2 Other information

NWO processes data from applicants received in the context of this Call in accordance with the NWO Privacy Statement, [Privacy Statement | NWO](#)

NWO might approach applicants for an evaluation of the procedure and/or research programme.

# 7 Annexes:

## 7.1 Explanation of budget modules

It is possible to apply for the funding of the salary costs of personnel who make a substantial contribution to the research. Funding of these salary costs depends on the type of appointment and the organisation where the personnel are/ will be appointed.

- For university appointments, the salary costs are funded in accordance with the UNL salary tables applicable at the moment the grant is awarded ([Salary tables | NWO](#)).
- For university medical centres, the salary costs are funded in accordance with the NFU salary tables applicable at the moment the grant is awarded ([Salary tables | NWO](#)).
- For personnel from universities of applied sciences, educational institutions and other organisations, salary costs will be funded based on the collective labour agreement pay scale of the employee concerned in accordance with the applicable rate at the time of awarding the grant as taken from Table 2.2, column 'Hourly rate productive hours, excl. Dutch VAT' from the *Handleiding Overheidstarieven* [HOT- Manual Dutch Government Rates] ([Salary tables | NWO](#)).
- For the Caribbean Netherlands, the Dutch government employs civil servants on Bonaire, Sint Eustatius and Saba under different conditions than in the European part of the Netherlands ([Employment terms and conditions | Working at the Rijksdienst Caribisch Nederland | Rijksdienst Caribisch Nederland \(rijksdienstcn.com\)](#)).

NWO will apply a mandatory one-off indexing of the salary<sup>9</sup> costs with respect to:

- UNL rates: for proposals submitted before 1 July and that are awarded funding after 1 July;
- NFU rates: for proposals submitted before 1 August that are awarded funding after 1 August;
- HOT rates: for proposals submitted before 1 January that are awarded funding after 1 January.

The mandatory one-off indexing has no influence on the level of the grant ceiling or on the maximum amount of the grant awarded per proposal. The level of the grant ceiling and the maximum amount of the grant awarded will remain unchanged during the assessment procedure. The mandatory one-off indexing will be applied after the decision-taking about awarding or rejecting proposals has been completed.

If co-funding is required or permitted then the one-off mandatory indexing will have no consequences for the co-funding requirement or the IP rights that can emerge from the co-funding.

The rates for all budget modules are incorporated in the budget template that accompanies the application form. For the budget modules "PhD student", "EngD" and "Postdoc", a one-off individual bench fee of €5,000 is added on top of the salary costs to encourage the scientific career of the project employee funded by NWO. Remunerations for PhD scholarship students ('bursalen') at a Dutch university are not eligible for funding from NWO.

The available budget modules are explained below.

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<sup>9</sup> 1 July, 1 August and 1 January are the dates on which the relevant rates are generally adjusted, in the case of indexation the date of actual annual adjustment will be taken into account.

## PhD student (including MD-PhD student)

A PhD student is appointed for 1.0 FTE for a duration of 48 months. The equivalent of 48 full-time months, for example an appointment of 60 months for 0.8 FTE, is also possible. If a different duration of appointment is considered necessary for the realisation of the proposed research, then the standard time can be deviated from as long as this is properly justified. However, the duration of appointment must always be at least 48 months.

## Engineering Doctorate degree (EngD)

Funding for the appointment of a EngD can only be applied for if funding for a PhD student or postdoc is also applied for.

The appointment for a EngD position is a maximum of 1.0 FTE for 24 months. The EngD trainee is employed by the institution applying for funding and can realise activities that are part of the research at an industrial partner for a specified time. If the research proposal is awarded funding, then an agreement must be concluded with the industrial partner(s) concerned. The underlying “Technological Designer Programme” must be described in the proposal.

## Postdoc

The size and duration of the postdoc appointment is at least 6 full months and at most 48 full-time months.

The size and duration of the appointment is at the applicant’s discretion, but the appointment is always for at least 0.5 FTE or for a duration of at least 12 months. The product of FTE x duration of appointment should always be a minimum of 6 full-time months.

The material budget is available to cover the costs of a more limited appointment of a postdoc.

## Non-scientific staff (NSS) at universities

Funding for the appointment of NSS required to realise the research project can only be applied for if funding for a PhD student or postdoc is also applied for. A maximum of €100,000 can be requested for NSS. This includes personnel such as student assistants, programmers, technical assistants or analysts. Depending on the level of the position, the appropriate salary table for NSS at MBO, HBO or university level applies.

The size of the appointment is at least 6 full-time months and at most 48 full-time months. The size and duration of the appointment is at the applicant’s discretion, but the appointment is always for at least 0.5 FTE or for a duration of at least 12 months. The product of FTE x duration of appointment should always be a minimum of 6 full-time months.

The material budget is available to cover the costs of a more limited appointment of NSS.

## Other Scientific personnel (OSS) at universities

Budget for OSS such as AIOS (doctor training to be a specialist), ANIOS (doctor not training to be a specialist), scientific programmers or employees with a master’s degree can only be applied for if funding for a PhD student or postdoc is also applied for. For this category, a maximum of €100,000 can be applied for.

The size of the appointment is at least 6 full-time months and at most 48 full-time months. The size and duration of the appointment is at the applicant’s discretion, but the appointment is always for at least 0.5 FTE or for a duration of at least 12 months. The product of FTE x duration of appointment should always be a minimum of 6 full-time months.

## Research leave for applicants

With this budget module, funding can be requested for the costs of the research leave of the main and/or co-applicant(s). The employer of the applicant(s) can use this to cover the costs of relinquishing him or her from educational, supervisory, administrative or management tasks (not research tasks). The time that is released through the research leave grant can only be used by the applicant(s) for activities in the context of the project. The proposal must describe which activities in the context of the project the applicant(s) will carry out in the time relinquished.

The maximum amount of research leave that can be applied for is the equivalent of 5 full-time months. NWO funds the research leave in accordance with the salary tables for a senior scientific employee (scale 11) at the time the grant is awarded ([Salary tables | NWO](http://www.nwo.nl/salaristabellen)).<http://www.nwo.nl/salaristabellen>

## Personnel universities of applied sciences, educational institutions and other organisations

With the exception of personnel that fall under UNL or NFU rates, costs for the funding of personnel employed at a university of applied sciences, educational institution or at other organisations will be remunerated in accordance with Table 2.2, column 'Hourly rate productive hours, excl. Dutch VAT' from the *Handleiding Overheidstarieven* [HOT- Manual Dutch Government Rates] ([Salary tables | NWO](#)).

For the calculation you should use the number of productive hours stated in the valid volume of the *Handleiding Overheidstarieven*.

### Explanation of budget module Material

For each FTE scientific position (PhD student, postdoc, EngD) applied for, a maximum of €15,000 material budget can be applied for per year of the appointment. Material budget for smaller appointments can be applied for on a proportionate basis and will be made available by NWO accordingly. Per 0.2 FTE scientific employee applied for at a university of applied sciences, educational institution or other organisation (with a minimum appointment of 0.2 FTE for 12 months) a maximum of €15,000 in material budget can be applied for per year.

The applicant is responsible for distributing the total amount of material budget across the NWO-funded personnel positions. The material budget that can be applied for is specified according to the three categories below:

#### Project-related goods/services

- consumables (e.g. glassware, chemicals, cryogenic fluids, etc.);
- measurement and calculation time (e.g. access to supercomputer, etc.);
- costs for acquiring or using data collections (e.g. from Statistics Netherlands [CBS]), for which the total amount may not be more than €25,000 per proposal;
- access to large national and international facilities (e.g. cleanroom, synchrotron, etc.);
- work by third parties (e.g. laboratory analyses, data collection, citizen science, etc.);
- personnel costs for the appointment of a postdoc and/or non-scientific personnel for a smaller appointment size than those offered in the personnel budget modules.

#### Travel and accommodation costs for the personnel positions applied for

- travel and accommodation costs;
- conference attendance (maximum of two per year per scientific position applied for);
- fieldwork;
- work visit.

#### Implementation costs

- national symposium/conference/workshop organised by the project researchers;
- costs for Open Access publishing (solely in full gold Open Access journals, registered in the "Directory of Open Access Journals" <https://doaj.org/>); **Fout! De hyperlinkverwijzing is ongeldig.**
- costs data management;
- costs involved in applying for licences (e.g. for animal experiments);
- audit costs (only for institutions that are not subject to the education accountants protocol of the Ministry of Education, Culture and Science), maximum €5,000 per proposal; for projects with a duration of three years or less, a maximum of €2,500 per proposal applies.

#### Costs that cannot be applied for are:

- basic facilities within the institution (e.g. laptops, office furniture, etc.);
- maintenance and insurance costs.

If the maximum amount is not sufficient for realising the research, then this amount may be deviated from, if a clear justification is provided in the proposal.

### Citizen science

Involving citizens (citizen science) can contribute to the quality of the research. With the help of citizens, data and insights can be acquired that would not otherwise be available for research. NWO also funds citizen science. Applicants can use the budget module “material, project-related goods/services, work by third parties” to request a remuneration for the involvement of citizens in projects. The budget module offers a possibility and is not a requirement. Applicants are free to decide whether it is worthwhile involving citizens in the project and what exactly they use this budget for (for example, reimbursement of expenses of citizens, skills training for citizens or technical devices for the participating citizen).

## Explanation of budget module Investments (up to €150,000)

In this budget module, funding can be requested up to a maximum of €150,000 for investments in equipment, datasets and/or software (e.g. lasers, specialised computers or computer programs).

## Explanation of budget module Knowledge utilisation

The aim of this budget module is to facilitate the use of the knowledge that emerges from the research.<sup>10</sup> A maximum of 20 percent of the grant can be requested under this call as funding for knowledge utilisation activities. The following conditions apply:

- The aim of this budget module is to facilitate the use of the knowledge that emerges from the research<sup>[1]</sup>.
- Because knowledge utilisation takes many different forms in different scientific fields, it is up to the applicant to specify the costs required, e.g. costs of producing a teaching package, conducting a feasibility study into potential applications, or filing a patent application.
- The budget applied for should be adequately specified in the proposal.
- Please ensure to budget for activities related to your impact plan, specifically the strategic activity planning, being:
  - Stakeholder engagement (e.g. consultation workshops, expert meetings, roundtable meetings);
  - Communication strategy (e.g. international exchange events, videos, blogs, newsletters);
  - Monitoring, evaluation, and learning, including your project’s kick-off, midterm, and final workshop, learning events, and participation in the programme’s joint kick-off, midterm, and final workshop; and
  - Capacity strengthening (e.g. (development of) trainings for researchers or stakeholders (organisations)).

NB: please take into account requirements of knowledge utilisation stated elsewhere in this call for proposals, such as budgeting for kick-off, midterm, and final workshops, and 2.4 Impact Plan.

## Explanation of budget module Internationalisation

A maximum of 20% of the grant can be requested under this call as funding for internationalisation activities. The following conditions apply: The budget for internationalisation is intended to encourage international collaboration. The amount requested must be specified. If the maximum amount is not sufficient for realising the research, then it may be deviated from if an adequate justification is provided in the proposal.

Funding can be requested for:

- travel and accommodation costs in so far as these concern direct research costs emerging from the international collaboration and additional costs for internationalisation that cannot be covered in another manner, for example from the bench fee;
- travel and accommodation costs for foreign guest researchers;
- costs for organising international workshops/symposia/scientific meetings.

## Explanation of the budget module Money follows Cooperation (MfC)

The module Money follows Cooperation provides the possibility of realising a part of the project at a publicly funded knowledge institution outside of the Netherlands.

<sup>10</sup> In this budget module, the definition for “knowledge transfer” as used by the European Commission in the Framework for State aid for research and development and innovation (PbEU, 2014, C198) applies.

<sup>[1]</sup> In this budget module, the definition for “knowledge transfer” used by the European Commission in the Framework for State Aid for research and development and innovation applies (PbEU, 2014, C198).

The applicant must convincingly argue how the researcher from the foreign knowledge institution will contribute specific expertise to the research project that is not available in the Netherlands at the level necessary for the project.

This condition does not apply if NWO has concluded a bilateral agreement concerning Money follows Cooperation with the national research council of the country where the foreign knowledge institution is located. At [Money Follows Cooperation | NWO](#) you will find an overview of research councils that signed a bilateral MfC agreement with NWO.

The budget applied for within this module must be less than 50% of the total budget applied for.

The co-applicant from the participating foreign knowledge institution must meet the conditions set for co-applicants in Section 3.1 of this Call for proposals, with the exception of the condition that the co-applicant must be employed in the Kingdom of the Netherlands.

The rates for the personnel costs of researchers at the foreign knowledge institution are calculated on the basis of the correction coefficients table of the Marie Skłodowska-Curie grants (EU, Horizon 2020), based on the Dutch UNL rates. The table can be found at [Money Follows Cooperation | NWO](#). <http://www.nwo.nl/money-follows-cooperation>

The main applicant receives the grant and is responsible for transferring the amount to the foreign knowledge institution and for providing accountability for the MfC part of the grant. The MfC part will be part of the overall financial accountability of the project.

The exchange rate risk lies with the applicants. Therefore, gains or losses due to the exchange rate are not eligible for funding.

The applicant is responsible for:

- the financial accountability for all costs in both euros and the local currency, for which the exchange rate used must be visible;
- a reasonable determination of the size of the exchange rate. If requested by NWO, the applicant must always be able to provide a description of this reasonable determination.

If more than €125,000 is requested within this module, then the final financial statement must be accompanied by an audit report.

NWO will not award any funding to co-applicants in countries that fall under national or international sanction legislation and rules. The EU Sanctions Map ([EU Sanctions Map](#)) is guiding in this respect.

<https://www.sanctionsmap.eu/-/main>

*NB: in this call, this module may not be used to fund Indonesian researchers. Indonesian researchers should be funded from the grant provided by KemendikbudRistek.*

## Explanation of budget module Project management

The module project management provides a possibility to request a budget for project management that is at most 5% of the total budget requested from NWO. This budget can only be used for activities that solely support the project for which the grant is requested. The applicant must satisfactorily justify this budget.

Amongst other things, project management is understood to mean the optimal shaping of the organisation structure of the consortium, support of the consortium and the main applicant, monitoring coherency, progress and unity of the project, and alignment between the sub-projects within the project. This task may also be realised by external parties insofar as the expertise is not available at the knowledge institution of the main and/or co-applicant(s). During the tendering procedure for the selection of a third party, knowledge institutions should take into account the procurement rules of the government and, where necessary, follow a European tendering procedure. The activities of the main applicant and co-applicants in the context of the project (management) may not be funded from this budget module.

The budget to be requested for project management can consist of material costs, realisation costs and personnel costs. For personnel costs a maximum rate of 119 euros per hour may be used. The hourly rate of



personnel to be appointed is based on the cost-covering rate (kostendekkend) and is calculated in accordance with the standard productive number of hours used by the organisation. The cost-covering rate includes:

- (average) Gross salary for the post of the employee who will contribute to the project (based on the collective labour agreement scale of the employee concerned);
- Holiday allowance and 13th month (if applicable in the relevant collective labour agreement) in proportion to the use in fte;
- Social security contributions;
- Pension costs;
- Overheads.

## 7.2 Format letter of commitment

[Template letter of commitment for consortium organisation]

[The letter should be printed on the stationery of the consortium organisation concerned]

[Address main applicant]

Concerns: Letter of Commitment

[Location], [date]

Dear [name main applicant],

Through this letter, I confirm that [name consortium organisation] is available and committed to participate in the proposed project, when funded by KemendikbudRistek and NWO, titled '[*proposal title*]', which was submitted to the 'Cooperation Indonesia-The Netherlands: Resilient Health Care systems for pathogen outbreak preparedness' call.

[Outline the availability and commitment of the consortium organisation]

[If applicable, indicate the consortium organisation's total contribution in-cash, or quantify the in-kind contribution. This amount should be the same as indicated in the application form.]

Yours sincerely,

[Signed by Dean of Faculty/director of organisation]

.....

[Signature]  
[NAME + POSITION]

## 7.3 Declaration of co-funding format<sup>11</sup>

**Project proposal:** Project title

**Main applicants:** Main applicant

Organisation name declares, as co-funder:

- to have read and to endorse the project proposal;
- if the project proposal is awarded:
  - to participate and contribute to the project as described in the project proposal;
  - to fulfil all obligations regarding a prompt conclusion of the consortium agreement;
  - to agree to be mentioned on the NWO and KemendikbudRistek websites.

Co-funder provides:

co-funding in cash of € Amount in cash, excl. VAT

and/or

co-funding in kind of € Amount in kind, excl. VAT.

*Depending on the specific situation, VAT may be charged on the co-funding.*

Specification of the in kind contribution:

Specification of in kind item or activity	Price or hourly rate	Number of hours (if applicable)	Total €

*Please note that the Call for proposals specifies a maximum hourly rate and a maximum number of productive hours per year.*

This declaration applies during the assessment process. If the project proposal is granted, the declaration also applies during the duration of the project.

Signature<sup>12</sup>

Name

Job title

Organisation

E-mail address

Address

<sup>11</sup> Only fill in the marked fields, other text cannot be adjusted.

<sup>12</sup> To add a digital signature: select the [Signature] field and go to tab Insert > Object. Select Create from File. Select Browse and choose the file you want to use. Click OK to insert the file.

## 7.4 Indonesian universities in the QS WUR ranking, QS AUR ranking, THE ranking

Universitas Gadjah Mada  
Institut Teknologi Bandung  
Universitas Indonesia  
Universitas Airlangga  
Institut Pertanian Bogor  
Institut Teknologi Sepuluh Nopember  
Universitas Padjadjaran  
Universitas Diponegoro  
Universitas Brawijaya  
Universitas Bina Nusantara  
Universitas Telkom  
Universitas Hasanuddin  
Universitas Sebelas Maret  
Universitas Andalas  
Universitas Muhammadiyah Surakarta  
Universitas Sumatera Utara  
Universitas Katolik Indonesia Atma Jaya  
Universitas Islam Indonesia  
Universitas Muhammadiyah Yogyakarta  
Universitas Udayana  
Universitas Pendidikan Indonesia  
Universitas Negeri Yogyakarta  
Universitas Atma Jaya Yogyakarta  
Universitas Katolik Parahyangan  
Universitas Negeri Malang  
Universitas Syiah Kuala  
Universitas Negeri Semarang  
Universitas Pelita Harapan  
Universitas Tarumanagara  
Universitas Surabaya  
Universitas Ahmad Dahlan  
Institut Teknologi Nasional  
Universitas Kristen Maranatha

*Please note: applicants from other Indonesian universities can be co-applicants or work package managers, but not main applicants on the Indonesian side.*

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Dutch Research Council

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