# HIP Projects 2020 - application template

## Cover Page

The cover page is automatically generated by the Project Proposal Portal based on your input.

## Project proposal (main body, max. 5 pages)

1. Scientific case

Please describe the scientific background of your project and the objective(s) of the project clearly and coherently, expound the challenges, urgency and potential impacts with particular emphasis on the cross-centre and cross-field character of the approach and relate to state-of-the-art research. Please reference your key deliverables.

1. Uniqueness, innovation and main goals

Please explain the uniqueness and innovation of your approach in the context of it being a Helmholtz-specific opportunity, highlighting the complementarity of and contributions from the participating centres. Explain your project’s main goals and its potential to foster knowledge transfer between different domains of expertise, especially taking into account a potential customer.

Please detail the potential risks and associated gains of your project in contrast to a more conservative, incremental approach.

1. Imaging methods, applications and/or data sets

Please describe the method(s), algorithm(s) or software solution(s) you aim for and their application in imaging science. Comment on the relevance of related data sets (joint usage/exploitation, benchmark character, etc.). Please explain your project’s potential to improve, implement, transfer and/or disseminate imaging technologies and solutions beyond the particular use case.

Please reference your deliverables.

1. Scientific impact, impact beyond academia, and sustainability

Please discuss the expected impact/benefit arising from the joint endeavour, particularly for researchers within the Helmholtz Association and the imaging community. Please point out transfer of results (e.g. in cooperation with industry) and how a customer will adopt the HIP solution provided by your project and assess its usability.

Please comment on documenting and storing results in a sustainable way.

Please reference your deliverables.

1. Implementation and management

Please lay out the plans for staff recruitment and all expenditures, and describe the intended project management, decision-making and oversight measures you will apply, including communication between participating centres.

Appendices

## List of Work Packages

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **WP#** | **WP Title** | **Lead (PI)** | **Budget (INF + own)** | **Start month /year** | **End month /year** |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| ... |  |  |  |  |  |

Please provide a list of work packages with a descriptive title and indicate the leading centre, the budget and the timeline.

## List of Deliverables

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Deliver-able #** | **Deliverable type and description** | **WP#** | **Lead** | **Due month** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| ... |  |  |  |  |

Deliverables are outputs that must be produced at a given moment during the project. Please set out clear and verifiable deliverables, define the associated work package, the responsible project partner and the due month. Please indicate which deliverables are jointly produced with or intended to be used by external partners (e.g. industry).

Non-limiting examples for deliverables are: documents (e.g. scientific, policy or lay publications, reports, technical brochures), website content, code (package), software (e.g. apps or new versions), data sets, patent filing, collaboration/license agreement.

Ideally, deliverables are co-created and iteratively developed with users and non-academic stakeholders to ensure the quick dissemination of results.

Please take into account that first deliverables are expected within 12 months.

## List of Milestones

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Milestone #** | **Milestone name and description** | **WP#** | **Lead** | **Due month** | **Means of verification** |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| ... |  |  |  |  |  |

Milestones are key events in the life cycle of a project. They have to allow for decision on the advancement of the project such that success or failure can be identified.

After a quarter of the funding period, the milestones can be adjusted in close consultation with the PST (agreement by Head Office required). This task shall be included in the milestone list.

Please take into account that first impactful results are expected by end 2021.

## Timeline

Please add a description of the timeline, e.g. visualised by a Gantt Chart.

## Budget

Your budget planning must include a break-down of the allocated budget for each work package defining their aggregate in-kind and cash contributions for the entire funding period. Overhead cannot be funded, please do not calculate any.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | **Contributions (Euro)** | | |
| **Own** | **INF** | **Total** |
|  | **WP 1** | |  |  |  |
|  | Partner 1 (Name) | |  |  |  |
|  | Partner 2 (Name) | |  |  |  |
|  | … | |  |  |  |
|  | **WP 2** | |  |  |  |
|  | Partner 1 (Name) | |  |  |  |
|  | Partner 2 (Name) | |  |  |  |
|  | … | |  |  |  |
|  | **Total** |  |  |  |  |

Your budget planning must also include a break-down of the annual budget for each participating centre according to type of funding (staff and expenses).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Financial plan** | | | | | | |
|  | | **2021** | **2022** | **2023** | **2024** | **Total** |
|  | | Euro | Euro | Euro | Euro | Euro |
| **Overall costs**  (without overhead) | |  |  |  |  |  |
|  | **Partner 1 (please name)** |  |  |  |  |  |
|  | Staff expenses |  |  |  |  |  |
|  | Expenses related to materials and equipment |  |  |  |  |  |
|  | Misc. (please specify) |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | **Partner 2 (please name)** |  |  |  |  |  |
|  | Staff expenses |  |  |  |  |  |
|  | Expenses related to materials and equipment |  |  |  |  |  |
|  | Misc. (please specify) |  |  |  |  |  |
|  | … |  |  |  |  |  |
|  | **Own contributions** |  |  |  |  |  |
|  | **INF** |  |  |  |  |  |

## Further information

* CVs of participating PIs
* Information about resubmission (if applicable)