**Anlage 1:**

**Proposal for a pilot project “Information & Data Science“**

Max. 8 pages in main part + preceding information + appendix,   
Font Arial 11, Written in English

**Cover page**

|  |  |
| --- | --- |
| **Title of the pilot project** |  |
| **Helmholtz Center (submitting)** |  |
| **Coordinator(s)** |  |
| **E-Mail & Phone of Coordinator(s)** |  |
| **Involved centers (partners)** |  |
| **Other cooperation partners** |  |
| **Involved research fields** |  |
| **Requested funding and total financial volume** |  |
| **Up to 10 keywords (for the selection of reviewers)** |  |

**Abstract**

*German and English*

*Max. 1/2 page each*

Key Criteria Questionnaire

*(max. 1 page)*

|  |
| --- |
| *How does the pilot project address new, innovative approaches in the Helmholtz portfolio, utilizing information & data sciences?* |
| *How does the pilot project strengthen the involved research fields through new ideas, high quality and originality?* |
| *What is the pilot project’s strategic relevance for the Helmholtz Association and how does it strengthen the competencies of the Association in the context of information & data science?* |
| *How does the pilot project create recognizable added value through cooperation across research area and center boundaries? What are the relevant contributions of the partners?* |

# Main part

# *(max. 8 pages)*

# Introduction

# Concept of the project / Scientific Case

*This section should address the need for an urgent realization of the initiative, by elaborating on the challenges that are tackled with the project. It should entail a detailed depiction of the objective of the project and its goal as well as a comprehensive description of the coherent research concept. The key features and strategic focuses of the concept should be described.*

# Uniqueness of the approach / Potential of Integration

*This section should provide insight into the interconnectedness of the research group.*

*Please highlight the different contributions from the different research fields involved and show the synergies arising from the joint endeavor. Also address potential transfer of techniques and methods, as well as joint usage of data sets if applicable.*

*Explain the potential for creating added value through cooperation beyond the boundaries of research fields and the cross-domain transfer of methods and technologies.*

*Explain the uniqueness of the approach in the context of Helmholtz-specific potentials (unique selling point).*

*Explain the processes that facilitate a quick start of the project (e.g. partner agreements, established cooperation, recruitment, obtaining of datasets).*

*Include a detailed project structure that shows the contributions of the partners (centers, research fields) involved. Substantial contributions from different partners are mandatory for funding.*

*Include a commented organization chart (organigram)*

# Long-term potential

*What potential for development arises from the initiative? How can the topic at hand be enlarged/evolved on a longer time scale? Highlight strategic benefits and new options for the Association as a whole.*

# Schedule / Milestones / Budget

*Give a rough schedule of the joint initiative.*

*Address 2-3 milestones that could be reached in the pilot project. What specific intermediate goals need to be reached to expand the project beyond the pilot phase (ref. to section 4)?*

*Give a rough financial estimate. The distributions of funding among the project partners need to be described in accordance with the project organization chart.*

# Appendices

# Participating PIs

* *CVs of participating PIs (max. 1 page per PI), including* *information about the 5 most relevant scientific products. The scientific contribution to and the level of engagement in the pilot project shall be stated briefly.*

# Confirmation of the participating Helmholtz Centers

* *Signed confirmation letters of the CEOs of* ***each participating*** *Helmholtz Center, declaring allocation of funding to match the contribution of the Initiative and Networking Fund (the matching funds can be distributed between the partners irrespectively of the funds applied for). Signed confirmation letters of the CEOs of all other participating partners (if applicable).*

# Financial Resources and Budget Plan

*Detailed budget planning should comprise the distribution of the allocated budget for the research subjects to the participating centers including their in-kind and cash contributions for the duration of the project. The finances should be differentiated with regard to the respective years.*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Financial plan** | | | |  |  |  |  |
|  | | |  | **Year 1** | **Year 2** | **Year 3** | **Total** |
|  |  |  | | Euro | Euro | Euro | Euro |
| **Overall costs**  (without overhead) | | | |  |  |  |  |
|  | **Work package 1** | | |  |  |  |  |
|  | Personnel expenses | | |  |  |  |  |
|  | Expenses related to materials and equipment | | |  |  |  |  |
|  | Misc. (please specify) | | |  |  |  |  |
|  |  | | |  |  |  |  |
|  | **Work package 2** | | |  |  |  |  |
|  | Personnel expenses | | |  |  |  |  |
|  | Expenses related to materials and equipment | | |  |  |  |  |
|  | Misc. (please specify) | | |  |  |  |  |
|  | … | | |  |  |  |  |
|  | **Work package X** | | |  |  |  |  |
|  | ….. | | |  |  |  |  |
|  | **Own contributions** | | |  |  |  |  |
|  | **IVF** | | |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | **Participating partners** | | |
|  | |  | **Own** | **IVF** | **Total** |
|  | | | Euro | Euro | Euro |
|  | **Work package 1** | |  |  |  |
|  | Partner 1 (Name) | |  |  |  |
|  | Partner 2 (Name) | |  |  |  |
|  | … | |  |  |  |
|  | **Work package 2** | |  |  |  |
|  | Partner 1 (Name) | |  |  |  |
|  | Partner 2 (Name) | |  |  |  |
|  | … | |  |  |  |
|  | **Backbone, Administration**  **(if applicable)** | |  |  |  |
|  | Partner 1 (Name) | |  |  |  |
|  | … | |  |  |  |
|  | **Total** |  |  |  |  |