

FEDERAL SCIENCE POLICY

RESEARCH PROGRAMME FOR EARTH OBSERVATION STEREO III

(Support to Exploitation and Research in Earth Observation)

*call for proposals 2018*

**Submission file -Closing date 14 September 2018 at 4 PM**

|  |  |  |
| --- | --- | --- |
| **SUMMARY INFORMATION OF PROPOSAL:** | | |
| title (maximum 12 words): | | |
| acronym: | | |
| coordinator: | | |
| duration (months): | | |
| REQUESTED STEREO BUDGET: | | |
| total budget of PROPOSAL: | | |
| TYPE: | Innovation project |  |
| Spin-off project |  |
| PROBA-V project |  |
| BELAIR project |  |

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GENERAL INFORMATION

Before completing this form, please read the information document of the call

Proposals must be submitted in English.

Please only use the forms designed for this call. No annexes to the proposal will be taken into consideration during the evaluation and selection procedure.

The proposals must be formulated concisely, while avoiding abbreviations.

The forms should be filled in using font Calibri size 12 and single line spacing.

**Please delete the empty forms.**

## **Section I**

APPLICANT Information

Form 1

### Form 1

##### Partnership (1)

*Coordinator (Partner 1) or Promotor (if only one applicant):*

|  |  |
| --- | --- |
| Name: |  |
| Tel. and e-mail: |  |
| Name of organisation \*: |  |
| Type of organization: |  |
| URL organisation \*: |  |
| Short description of organisation \*: |  |
| Address: |  |
| Date + Signature: |  |

\*: at department level

*Partners (incl. international partner):*

Partner 2:

|  |  |
| --- | --- |
| Name: |  |
| Tel and e-mail: |  |
| Name of organisation \*: |  |
| Type of organization: |  |
| URL organisation\*: |  |
| Short description of organisation: |  |
| Address: |  |
| Date + Signature: |  |

\*: at department level

**(duplicate table for additional partners)**

1. The persons listed are those in charge of the operational aspects of the project and not the names of the heads of the organisations/departments.

### Form 2

##### Complementarity of research teams (if applicable)

**max 1 page** - Describe the complementarity of the research teams and justify (if applicable) the added value of the international partner(s) for the project and for the development of Belgian expertise

|  |
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## **Section II**

Description of the proposal

Forms 3 - 12

### Form 3

##### Summary of the proposal

**(maximum 1 page – starting with research hypothesis and ending with potential societal benefits)**

|  |
| --- |
|  |

### Form 4

##### Research Topic

**max. 1 page –** Describe the research topic and position it relative to the current state of knowledge. What makes the proposal innovative? Which are the new scientific questions that will be addressed? Literature references can be added on a separate page.

|  |
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### Form 5

##### Objectives

**max 2 pages** - What are the scientific objectives, what are the expected outcomes and deliverables of the proposal?

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### Form 6

##### Methodology

**max 3 pages** – Outline the proposed methodological approaches and justify them with regard to the state of the art. Highlight what is innovative.

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| --- |
|  |

### Form 7

##### VALIDATION

**max 1 page** – Outline the proposed approach and metrics to validate the results of your methods.

|  |
| --- |
|  |

### Form 8

##### Overview of work packages (**max 10 pageS**)

|  |
| --- |
| *Drawing of connections between work packages* |
|  |

|  |  |
| --- | --- |
| *Work package* | [Number] |
| Title |  |
| Description |  |
| Link with other WPs |  |
| Objectives (if applicable) |  |
| Methodology (if applicable) |  |
| Approximative budget + justification |  |
| Deliverable(s) + date |  |
| Duration (relative to start date) | [Month 1-48] |
| Partner(s) |  |

**(copy for each work package - if several partners are involved, underline partner coordinating the work package)**

**A specific workpackage must be dedicated to the valorisation and dissemination of results (towards the scientific community and the public at large)**

### Form 9

##### SWOT analysis of proposal

**max 1 page** - List strengths, weaknesses, opportunities and threats (including back-up plans).

|  |
| --- |
|  |

### Form 10

##### Test site(s) and data requirement

Location of test site(s)\* (a map may be inserted):

\*: For research in Belgium, a BELAIR site should be selected in preference (<http://belair.vgt.vito.be>)

Remote sensing data requirement:

The cost of satellite and APEX data is not part of the project's budget but can be charged separately to the programme after approval by the programme managers. The data requested should be fully justified and indispensable to the project. The cost of UAV data, however, should be borne by the project. **The use of free and open Copernicus Sentinel data is strongly encouraged and the Belgian community now has also access to a new Belgian collaborative ground segment - TERRASCOPE (https://www.terrascope.be ) and its functionalities.**

*Satellite data:*

|  |  |  |  |
| --- | --- | --- | --- |
| Type\* | Area | Acquisition period | Amount |
|  |  |  |  |
|  |  |  |  |

\*: indicate product level and need for STEREO couple

*Airborne data (including UAV data which are not chargeable to the programme)*

|  |  |  |  |
| --- | --- | --- | --- |
| Type\* | Area | Acquisition period | Amount |
|  |  |  |  |

Estimation of cost of remote sensing data:

### Form 11

##### Budget breakdown\*

(Form to be copied and completed by each **Belgian** financed partner)

|  |  |
| --- | --- |
| Total STEREO budget of the proposal: | **€** |
| Budget of the applicant: | **€** |

**\*: This form only concerns the financial support requested from the STEREO programme**

Name of the applicant:

|  |
| --- |
|  |

|  |  |
| --- | --- |
|  | *Budget in EURO* |
| Staff (1) |  |
| Operations (2) |  |
| Specific operations (3) |  |
| Equipment (4) |  |
| Subcontracting (5) |  |
| Overheads (6) |  |
| International collaboration (within STEREO budget) (7) |  |
| **TOTAL** |  |

(1) Staff

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Personnel’s profile  (e.g. PhD in economics, 6 years experience) | M/M to be financed | Cost per M/M | Total Costs | M/M not financed |
|  |  |  |  |  |
|  |  |  |  |  |

(2) Operations

The overall total of these operations expenses is fixed as a flat rate, on the basis of a percentage of the personnel cost. The percentage is limited to 15% for the coordinator and 10% for the other partners.

(3) Specific operations

This includes all specific operations costs linked to the execution of the project like costs for analysis, workshops organization, maintenance and repair of equipment acquired chargeable to the PROJECT

It's recommended to plan specific operations costs when the upper limit fixed for the operation costs has been reached.

(4) Equipment

|  |  |
| --- | --- |
| Description of the equipment | budget estimation |
|  |  |

(5) Subcontracting

Subcontracting costs represent the costs incurred by a third party for execution of tasks or the provision of services calling for specific scientific or technical skills outside the normal framework of the activities of the PROMOTER. The budget reserved for financing subcontracting may not exceed 25% of the amount allocated to the PROMOTER concerned.

|  |  |
| --- | --- |
| Name:  Address: | |
| Description of tasks: | Estimated cost: |
|  |  |

(6) Overheads

Amount covering, on a flat rate basis, the administration, telephone, post, maintenance, heating, lighting, electricity, rent, equipment depreciation or insurance costs. The total of this entry may not exceed 5% of the total of accepted personnel and functioning costs.

(7) International collaboration

Collaboration with the INTERNATIONAL PARTNER is realised on the basis of co-financing. A maximum of 50% of the budget envisaged for these tasks is borne by the STEREO programme and this total may not exceed 20% of the overall budget for the PROJECT. The remaining balance is borne by the INTERNATIONAL PARTNER. Only "staff" and "operations" costs are eligible for the STEREO budget

|  |  |
| --- | --- |
| *International partner 1* | *Budget in EURO* |
| Staff (1) |  |
| Operation (2) |  |
| **TOTAL** |  |

**(copy for each international partner)**

### Form 12

##### Financial contribution of international partner (if applicable)

**(copy for each international partner)**

Name of the partner:

|  |
| --- |
|  |

|  |  |
| --- | --- |
|  | Equivalent value in money\*  (1000 €) |
| Personnel |  |
| Operations |  |
| Equipment |  |
| Other (specify): |  |
| Other (specify): |  |
|  |  |
| **Total** |  |

\*: The financial contribution from the international partner may be in-kind

## **Section III**

planned exploitation activities

Form 13

### Form 13

##### planned exploitation activities

**(maximum 1 page) -** In addition to papers and conferences, elaborate on the use of social media, web stories, workshops with stakeholders, interactions with international programmes and training of researchers (within and outside applicant's research team) and non-expert users.

|  |
| --- |
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## **Section IV**

Qualifications and expertise of applicant(s)

Forms 14 – 16

### Form 14

##### Description of research unit/organisation

**(form to be copied and completed by each applicant eligible for stereo financing in case of partnership)**

Name of the applicant:

Main expertise *(max. 15 lines)*:

|  |
| --- |
|  |

|  |  |
| --- | --- |
| Staff | Number |
| Scientific staff |  |
| Other |  |

|  |
| --- |
| Names of scientific staff participating in the project and whose name. appears in publication list (form 13) |
|  |

### Form 15

##### Publications

**(form to be copied and completed by each applicant eligible for stereo financing)**

List five to ten most recent and important publications (peer reviewed and other) in direct relation to the project\*. For spin-off projects, indicate publications linked to mother project.

Name of applicant:

|  |
| --- |
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\*: Indicate type of publication: peer reviewed, conference paper, ....

### Form 16

##### RELATED PROJECTS

**(form to be copied and completed by each applicant eligible for stereo financing)**

List and very briefly describe recent (last five years) projects in the field of the proposals.

Name of applicant:

|  |
| --- |
| *BELSPO projects:* |
|  |

|  |
| --- |
| *Other projects:* |
|  |

## **Section V**

Declaration of intent of international applicant(s)

Form 17

### Form 17

##### Declaration of intent for the co-financing of the international applicant and its organisation (if applicable)

**(copy for each international partner)**

Name of the organisation:

|  |
| --- |
|  |

Name of contractor for the organisation(1):

|  |
| --- |
|  |

Name and title of the applicant:

|  |
| --- |

We the undersigned, hereby declare our interest in participating in the proposed project as non-Belgian member of the partnership, and to co-fund our participation to the tune of 50%.

Date:       Signature of the applicant:

Signature of the contractor:

(1) Person who can contractually bind an organisation, e.g. the rector in case of a university