Tuffo – Call 2020: Application Stage 2

*Ansökan ska skickas som Word-fil och PDF till* **sgi@swedgeo.se***. Ange ”Tuffo 2020” i e-postens ämnesrad. Utlysningen stänger och fullständig ansökan ska vara SGI tillhanda senast* ***kl. 15.00 den 17 december 2020****.*

*OBS! Signaturblankett, Bilaga S1, samt åtagandebrev för medfinansiering och projektmedverkan (inklusive medverkan med egen tid eller utrustning) Bilaga S2, ska ha inkommit till SGI (SGI, 581 93 Linköping) inom fem arbetsdagar efter utlysningens stängning. Märk kuvertet ”Tuffo-ansökan”.*

*Ansökan ska skrivas på engelska eftersom den kommer att utvärderas av en internationell expertpanel.*

*Projektbeskrivningen ska skrivas i denna mall, och får vara på max* ***tio*** *A4-sidor med typsnitt Times New Roman 12 punkter, regular, inklusive källförteckning men exklusive bilagor. All kursiv instruktionstext, liksom beskrivningen på sid 3–5, får tas bort*.

*Följande bilagor ska bifogas ansökan: Bilaga A: Tidplan och eventuell illustration av projektorganisationen, Bilaga B1och B2: Budget och finansiering, Bilaga C: CV:n, Bilaga D: Publikationslistor, Bilaga E: Konferensbidrag och Bilaga Q: Kompetens. Observera att för Bilagorna C, D och E ska en bilaga per huvudsökande och medsökande bifogas.*

*I dokumentet ”Anvisningar för ansökan och utvärdering – Tuffo Steg 1 och Steg 2, 2020 års utlysning” finns ytterligare information om krav på projektet samt vad som behöver ingå i ansökan.*

***Bidrag beviljas med maximalt 50 % av total projektbudget.***

|  |
| --- |
| Swedish project title |
| *(max 200 char)* |

|  |
| --- |
| English project title |
| *(max 200 char)* |

|  |  |
| --- | --- |
| **Name of main applicant:**  **Administrating organisation:**  **Postal address:**  **Email address:**  **OrcID:**  **Total costs applied for** (kSEK)**:**  **Total project budget** (kSEK)**:** Funding period (Start date – end date): |  |

|  |
| --- |
| 1. Research questions |
| *Describe the problem that should be solved. (max 2500 char)* |

|  |
| --- |
| 2. Popular scientific description in Swedish |
| ***Describe the project in such a way that a person who is not familiar with the subject can understand it.*** *The text should answer the following questions: Project period? What will be done in the project? Why is it important? What are the targets and deliveries? Who performs the project? What are the expected impacts? (max 4500 char)* |

## Societal value

|  |
| --- |
| 3. Relevance – Tuffo |
| *Describe and explain in what context the proposed project is important for the objectives of Tuffo and the questions in the Tuffo call. Describe and explain and how the project fulfils Tuffos requirements (chapter 4.5, “Anvisningar för ansökan och utvärdering – Tuffo Steg 1 och Steg 2, 2020).* |

|  |
| --- |
| 4. Expected impact |
| *Define suitable indicators for evaluation of the project success. Describe how the expected results can make a difference in the short- and long-term for the treatment of contaminated areas in Sweden. Define suitable indicators for the evaluation that the expected deliveries fulfil the objectives, research call and requirements of Tuffo.* |

|  |
| --- |
| 5. Expected applicability and universality |
| *Define the target groups. Describe and explain how the results will reach the target groups and become applicable and used in practice. Define the universality of the results, how it can be used in several treatment projects in addition to the specific project to which the application relates.* |

|  |
| --- |
| 6. Cooperation and dissemination of results |
| *Define relevant stakeholders/end users to communicate with, to ensure the needs, relevance, applicability and impact of the results. Describe how stakeholders/end users will be involved. Specify the plan of dissemination and implementation of results, both to the target groups and the national/international scientific community.* |

|  |
| --- |
| 7. Description of the remediation object connected to the Tuffo project |
| *Define in bullets: Name and location of the object, Principal, Investigation phase, Contamination situation and Planned start of remediation.* |

## Quality

|  |
| --- |
| 8. State-of-the-Art |
| *Give an overview of the current research area covered by the project, including key references. Describe how the project relates to previous research in the area.* |

|  |
| --- |
| 9. Challenges addressed |
| *Describe the challenges addressed and specify how the project innovates the current research area.* |

|  |
| --- |
| 10. Relevance – Research question |
| *Describe and explain why the research question is relevant and important to fulfil. In what context is the specific research question important for the objectives of Tuffo and for the questions in the Tuffo call?* |

|  |
| --- |
| 11. Method and performance |
| *Describe the scientific theories/methods which will be used, specify the innovativeness. Give a summary of the project’s structure and work/time plan (an illustration can be included in Appendix A.)* |

|  |
| --- |
| 12. Competence of the project group *(to be written in Appendix Q)* |
| *Define the strength,* *expertise and role in relation to the project, for all personnel in the project group, using the template in Appendix Q. Specify especially the experience of dissemination and implementation of research results to end users.* |

|  |
| --- |
| 13. Project risks |
| *Define potential risks with the proposed project and describe how they will be managed.* |

|  |
| --- |
| 14. Literature and reference list (10 point letter size aloud for this section) |
| 1. *Last name, initial first name, (Year in Bold). Journal name in Italics, Volume, Pages.*   Example:   1. Andersson, A., Karlsson, M. and Smith, A.-J., (**2019**). *Journal of Contaminant Hydrology*, 180, 53-85.   *(Example of in text citation:* Their small size lends these materials high reactivity explaining rapid transformation of contaminants in controlled laboratory experiments1.) |

## Appendices

*The appendices listed below must be submitted. The content of each appendix is described in templates, which should be used. Please note: Make as many copies of appendices C, D and E as needed. The text must be written in English using Times New Roman 12 points.*

*Included in this form:*

1. **Time & action plan**

**B1. Costs applied for from Tuffo**

**B2. Total costs & funding**

**C. CVs** *(main applicant and co-applicants)*

**D. Publication lists** *(main applicant and co-applicants)*

**E. Lists of conference contributions** *(main applicant and co-applicants)*

**Q. Competence** *(all project participants)*

*Available for download on the Tuffo-web:*

**S1. Signatures of main applicant**

**S2. Letters of commitment from all co-funding partners**

Appendix A: Time & action plan

|  |
| --- |
| Time and action plan |
| *Include an illustration of the project structure and work plan, if relevant.* |

# Appendix B1: Costs applied for from Tuffo

## *Guideline*

* *To open the form for the budget: Double-click the Excel sheet, and then fill in the requested information.*
* *Fill in all direct costs items applied for, excluding VAT/moms. If needed, more rows can be inserted into the Excel sheet.*
* *Divide costs into the four categories 1.) Salaries, 2.) Running costs, 3.) Equipment depreciation costs and 4.) Premises costs. (see SUHF* <http://www.suhf.se>*)*
* *Equipment depreciation costs are costs for equipment with more than three years of economic life and an acquisition cost above a certain amount (use the practice at your research organization).*
* *Under each year, fill in ONLY the column with "Direct costs". A calculation of the total costs, including indirect costs, will be done automatically when the column with "OH %" is filled in.*
* *The OH percentage rate and the direct cost categories on which the percentage rate should be added (on Salaries OR on Salaries + Running costs) depends on where the cost belongs (which institution/department). The practice of each institution/department needs to be followed.*

*Note! The applicant is responsible for checking that the actual sums of costs applied for are correct.*

*Note! The total budget including funding from other sources, should be described in the form “Appendix B2: Total project costs & funding”.*



# Appendix B2: Total project costs & funding

|  |  |
| --- | --- |
| Project title |  |

|  |  |
| --- | --- |
| Main applicant |  |

*Report the total project costs for defined parts of the project.*

**Table 1. Total project costs** *(kSEK)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Description** *(project part)* | **Salaries** (incl. OH) | **Running costs** | **Equipment and Premises** | **Sum** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **Total project costs:** |  |  |  |  |

*Report the total project funding including funding from other sources (accepted and applied for). Note that Appendix S2, Letters of commitment from co-funding partners must be sent in for all co-funders listed below.*

**Table 2. Funding** *(kSEK)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Funder** | **Year 1** | **Year 2** | **Year 3** | **Sum** |
| Tuffo |  |  |  |  |
| *Co-funder 1* |  |  |  |  |
| *Co-funder 2* |  |  |  |  |
| *Co-funder 3* |  |  |  |  |
| **Total project funding:** |  |  |  |  |
| **Degree of funding from Tuffo:**  *(share of total project funding)* | | | |  |
|  | | | | *max 50 %* |

Appendix C: CV

*Use the template below. Submit CVs for the project leader and all co-applicants (max 4 pages/person). The CVs should be written in Times New Roman 12 points, regular. Additional lines may be added to the tables. This introduction could be removed.*

|  |  |
| --- | --- |
| Name: |  |

## Education – Research education

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type of degree | Examination date | Subject | Dissertation title | Name of supervisor | Organisation |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

## Education – Basic and advanced education

|  |  |  |  |
| --- | --- | --- | --- |
| Type of degree | Year of degree | Subject | Organisation |
|  |  |  |  |
|  |  |  |  |

## Postdoctoral assignments and research exchange

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Type | Period start:  year, month | Period end:  year, month | Institution/Department | Organisation |
|  |  |  |  |  |
|  |  |  |  |  |

## Docentur (”Associate Professor”)

|  |  |  |  |
| --- | --- | --- | --- |
| Year | Subject | Institution/Department | Organisation |
|  |  |  |  |

## Employment – Current employment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Start:  year, month | Position | Employer | Institution/Department | Amount of time for research in the position (%) |
|  |  |  |  |  |

## Employment – Previous employment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Start:  year, month | End:  year, month | Position | Employer | Institution/Department |
|  |  |  |  |  |
|  |  |  |  |  |

## Interruptions in research/employment (parental leave, etc.)

|  |  |  |
| --- | --- | --- |
| Start:  year, month | End:  year, month | Description |
|  |  |  |
|  |  |  |

## Supervised Ph.D./Lic. students and Post docs – Main supervisor

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Start year | End year | Name | Institution/Department | Organisation |
|  |  |  |  |  |
|  |  |  |  |  |

## Supervised Ph.D./Lic. students and Post docs – Second supervisor

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Start year | End year | Name | Institution/Department | Organisation |
|  |  |  |  |  |
|  |  |  |  |  |

## Experience of disseminating results to stakeholders/end users

|  |  |
| --- | --- |
| Year | Description |
|  |  |
|  |  |

## Research grants, awards, distinctions, and other merits

|  |  |
| --- | --- |
| Year | Description |
|  |  |
|  |  |

Appendix D: Publications

# *Use the template below. Submit “List of publications” for the project leader and all co-applicants (max 2 pages/person). The “List of publications” should be written in Times New Regular 12 points, regular. Additional lines may be added to the tables. This introduction could be removed.*

|  |  |
| --- | --- |
| Name: |  |

|  |  |
| --- | --- |
| h-index  (give source and date): |  |

|  |  |
| --- | --- |
| Total number of citations (give source and date): |  |

## Publication list for a selection of *XX* publications of total *XX* publications

|  |  |  |  |
| --- | --- | --- | --- |
|  | Authors; Title; Year; Journal; Volume; Pages | Number of citations | Journal impact factor |
| 1. |  |  |  |
| 2. |  |  |  |
| 3. |  |  |  |
| 4. |  |  |  |
| 5. |  |  |  |
| 6. |  |  |  |
| 7. |  |  |  |
| 8. |  |  |  |
| 9. |  |  |  |
| 10. |  |  |  |

Appendix E: Conference contribution

# *Use the template below. Submit “List of conference contributions” for the project leader and all co-applicants (max 1 page/person). The “List of conference contributions” should be written in Times New Regular 12 points, regular. Additional lines may be added to the tables. This introduction could be removed.*

|  |  |
| --- | --- |
| Name: |  |

## List of conference contributions for a selection of *XX* contributions of total *XX* conference contributions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Authors\*; Title; Year; Name of conference; City, Country *\*Underline the name of the author who performed the presentation.* | Poster | Oral | Invited |
| 1. |  |  |  |  |
| 2. |  |  |  |  |
| 3. |  |  |  |  |
| 4. |  |  |  |  |
| 5. |  |  |  |  |
| 6. |  |  |  |  |
| 7. |  |  |  |  |
| 8. |  |  |  |  |
| 9. |  |  |  |  |
| 10. |  |  |  |  |

**Appendix Q: Competence**

|  |  |
| --- | --- |
| Project title |  |

|  |  |
| --- | --- |
| Main applicant |  |

**Table Q1. Expertise and role for all personnel in the project group.**

*Note that CV:s be sent in for all co-applicants.*

| **Name** | **Employer and position** | **Expertise in relation to the project / Experience of implementation** | **Time\*** | **Main contribution / role in the project** |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

*\* % of full time, dedicated to the Tuffo project.*