**Application date:** Click here to enter a date

Application for financial support and/or authorisation of a sandbox project

Energy research, pilot and demonstration programmes, sandbox projects

# General information

## Type of project

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Research  project |  | Pilot project/  demonstration (P+D) |  | Regulatory  sandbox |  | Preliminary study / Monitoring of performance |

## Main applicant

*Details of party bearing overall responsibility for the application.*

|  |  |
| --- | --- |
| *Institution* | *Contact:* |
| **Click here to enter text.** | Click here to enter text. |
| *Address:* | |
| Click here to enter text. | |
| *Email:* | *Tel.:* |
| Click here to enter text. | Click here to enter text. |
| *Role (within project)* | *Expertise (within project)* |
| Click here to enter text. | Click here to enter text. |

## Project title

|  |
| --- |
| *Project title in German, French or Italian:* |
| **Click here to enter text.** |
| *Project title in English (mandatory for research projects):* |
| Click here to enter text. |
| *Acronym (mandatory for research projects):* |
| Click here to enter text. |

## Total project costs and SFOE contribution

*Sums as shown on the Excel form "*[*Project costs, financing and non-amortisable costs*](https://pubdb.bfe.admin.ch/en/publication/download/9954)*":*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Total project costs: | **Sum in CHF** |  | SFOE contribution | **Sum in CHF** |

## Project duration

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Start of the project[[1]](#footnote-2): | Click here to enter a date |  | End of the project: | Click here to enter a date |

## Project location (mandatory for P+D and sandbox projects)

|  |  |
| --- | --- |
| *Project location (full address):* | *Canton:* |
| Click here to enter text. | Select canton |

## Abstract

*Brief description of the project in German, French or Italian (max. 1000 characters including spaces; will be published):*

|  |
| --- |
| Click here to enter text. |

*Brief description of the project in English (mandatory for research projects):*

|  |
| --- |
| Click here to enter text. |

## Keywords (optional)

*A maximum of 5-6 keywords, which describe the topic handled by the project:*

|  |
| --- |
| Click here to enter text. |

## Technology readiness

*Estimate the scope of the technology readiness level (TRL) of the project (only applies to technical projects); classification according to the categories in* [*Appendix I of the Directive*](https://pubdb.bfe.admin.ch/en/publication/download/9952)*):*

|  |  |  |  |
| --- | --- | --- | --- |
| From: | Select an element. | A: | Select an element. |

# Project organisation

## Project management

*Define the project management that bears the administrative responsibility and coordinates the project with the SFOE:*

|  |  |
| --- | --- |
| *Institution* | *Contact:* |
| **Click here to enter text.** | Click here to enter text. |
| *Address:* | |
| Click here to enter text. | |
| *Email:* | *Tel.:* |
| Click here to enter text. | Click here to enter text. |
| *Role (within project)* | *Expertise (within project)* |
| Click here to enter text. | Click here to enter text. |

## Project partners

*Name all parties participating in carrying out the project (in addition to the main applicant):*

|  |  |
| --- | --- |
| *Institution* | *Contact:* |
| **Click here to enter text.** | Click here to enter text. |
| *Address:* | |
| Click here to enter text. | |
| *Email:* | *Tel.:* |
| Click here to enter text. | Click here to enter text. |
| *Role (within project)* | *Expertise (within project)* |
| Click here to enter text. | Click here to enter text. |
|  | |
| *Institution* | *Contact:* |
| **Click here to enter text.** | Click here to enter text. |
| *Address:* | |
| Click here to enter text. | |
| *Email:* | *Tel.:* |
| Click here to enter text. | Click here to enter text. |
| *Role (within project)* | *Expertise (within project)* |
| Click here to enter text. | Click here to enter text. |
|  | |
| *Institution* | *Contact:* |
| **Click here to enter text.** | Click here to enter text. |
| *Address:* | |
| Click here to enter text. | |
| *Email:* | *Tel.:* |
| Click here to enter text. | Click here to enter text. |
| *Role (within project)* | *Expertise (within project)* |
| Click here to enter text. | Click here to enter text. |
|  | |
| *Institution* | *Contact:* |
| **Click here to enter text.** | Click here to enter text. |
| *Address:* | |
| Click here to enter text. | |
| *Email:* | *Tel.:* |
| Click here to enter text. | Click here to enter text. |
| *Role (within project)* | *Expertise (within project)* |
| Click here to enter text. | Click here to enter text. |

## Organisational chart / Responsibilities

*Show the hierarchical organisation in a diagram including indicating the responsibilities for each work package of all partners participating in carrying out the project (please take parties into consideration that may provide any accompanying measures, such as monitoring groups):*

|  |
| --- |
|  |

# Content of project

## Motivation / Preliminary studies

*Describe the reasons/motivation for carrying out the project and the context in which it is situated. Show why there is a need for research or field trials and to what extent the project can deliver solutions to the current challenges. Also indicate what preliminary studies have been carried out and the expertise possessed by the project team.*

|  |
| --- |
| Click here to enter text. |

## Project goals / Research questions

*Formulate measurable targets to be attained by this project and specific (research) questions that will be studied to reach these targets.*

|  |
| --- |
| Click here to enter text. |

## Detailed project description (maximum 5 pages)

*Describe in detail the project approach, dividing it into work packages. Define the designated work steps, the followed methodology and* – *for EES[[2]](#footnote-3)* projects – *the data employed as well as the activities that will arise throughout the project. Complete the description by adding suitable illustrations, such as images, sketches, diagrams, plans, etc. For SSH: Show how access to the data required is secure and how the data compilation strategy is clearly defined.*

|  |
| --- |
| Click here to enter text. |

## Schedule

|  |
| --- |
| *Illustrate the schedule for carrying out the project in a diagram (e.g., as a table or a GANTT chart). Define the content, the chronological order (dates for the start and end), the milestones to be at-tained and the deliverables of each activity and/or work package:* |
|  |

## Dissemination / Accompanying measures (knowledge and technology transfer)

|  |
| --- |
| *Describe how the results/solutions/experience gained from the project will be processed and communicated to potential recipients from the economy, society, politics, etc. (e.g., through communication, publications, lectures, protection of intellectual property, exchange of experience monitoring groups). For research projects: describe the open access/data/model strategy.* |
| Click here to enter text. |

# Relevance & potential

## Strategic relevance

*Indicate to what extent the project is strategically, politically and/or scientifically relevant. (For research projects: Does the project contribute to a priority of the SFOE energy research concept and is it part of national or international cooperation?)*

|  |
| --- |
| Click here to enter text. |

## Potential for multiplication and implementation

*Describe the potential for application in Switzerland and worldwide of the technology/solution/process to be studied. Estimate the market prospects of a later product/service and describe how and by whom the knowledge gained will be brought to market. Name existing competitors and solutions (optional for SSH projects).*

|  |
| --- |
| Click here to enter text. |

## Energy potential

*Quantify the anticipated energetic benefit that will result from this project (or technology/solution/process), by estimating the anticipated production of renewable energy, the anticipated energy savings or any other benefit (economic, political, etc.) derived for the energy system for a single undertaking as well as the total potential through the multiplication of the undertaking. Compare the energy balance of the examined system with the current state of technology/knowledge. For SSH projects: Evaluate the contribution to a safe, sustainable and economic energy supply as well as to an economical and rational energy consumption. For sandbox projects: evaluate the contribution to the aims of electricity supply legislation.*

|  |
| --- |
| Click here to enter text. |

## Project environment / Innovation / Added value

*List all current undertakings and existing solutions (national and international) connected to the project. In particular, list all related projects by the project partners for which federal financial assistance has been granted. Describe what distinguishes this project favourably from these, where the innovative aspects lie in terms of the current state of knowledge and what fundamentally new knowledge can be generated by the project. Describe which technical and/or scientific advantages will result from the new technology/solution/process and to what extent new knowledge, know-how and value creation can be generated.*

|  |
| --- |
| Click here to enter text. |

## Sustainability

*Indicate to what extent this project supports the federal Sustainability Development Strategy in the dimensions of society, economy and environment on the national and the global plane.*

|  |
| --- |
| Click here to enter text. |

## Safety risks

|  |
| --- |
| *Explain the risks to people and the environment that may arise through the project or through imple-mentation of the corresponding technology/processes, and state which measures are planned to minimise such risks.* |
| Click here to enter text. |

## Other federal grants

*Has an official application for financial assistance already been submitted for the project and the activities it involves to a federal funding body (SFOE, Innosuisse, FOEN, SNSF, FOT, FEDRO, etc.), or is one going to be made?*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Yes |  | No |  |

*If so, give the date of submission, the name of the funding institution and the decision and/or evaluation received*

|  |
| --- |
| Click here to enter text. |

# Information for P+D projects

## Measurement concept / Monitoring of performance

|  |
| --- |
| *Describe the method with which the attainment of the project goals can be evaluated. Define the methodology, the tools employed and the duration and frequency of the planned measurements.* |
| Click here to enter text. |

## Non-amortisable costs

*To determine the eligible project costs, the non-amortisable portions of the costs directly related to the development and testing of the innovative aspects of the project must be reported. The aim is to estimate the expected financial value of the project in the event of success. To this end, explain below how long the systems, products (e.g. software), processes, intellectual property, etc. realised in the project will be used and what revenue, savings or other financial equivalents will be generated directly from the project.*

**Type and duration of utilisation**

*Describe how and for how long the realised systems, products, processes etc. are expected to be used after completion of the project:*

|  |  |  |
| --- | --- | --- |
| Description of utilisation: |  | Duration of use |
| Click here to enter text. |  | Click here to enter text. year(s) |

**Revenue**

*Describe what one-time or recurring financial returns could be generated directly by the innovative aspects, for example by producing additional electricity, heat or other energy carriers that have a market value, or by selling the innovation to customers.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description of revenue: |  | Amount (CHF): |  | Type |
| Click here to enter text. |  | Amount in CHF |  | select |
|  |  |  |  |  |
| Click here to enter text. |  | Amount in CHF |  | select |
| Click here to enter text. |  | Amount in CHF |  | select |

**Savings**

*Describe what one-time or recurring financial savings could be achieved thanks to the innovative aspects, for example compared to a project without this innovation.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description of the savings: |  | Amount (CHF): |  | Type |
| Click here to enter text. |  | Amount in CHF |  | select |
| Click here to enter text. |  | Amount in CHF |  | select |
| Click here to enter text. |  | Amount in CHF |  | select |

**Recurring costs**

*Describe what costs could be incurred for the innovative aspects after completion of the project and until the end of utilisation.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description of costs: |  | Amount (CHF): |  | Type |
| Click here to enter text. |  | Amount in CHF |  | select |
| Click here to enter text. |  | Amount in CHF |  | select |
| Click here to enter text. |  | Amount in CHF |  | select |

## Permits

*List any permits required for the construction and operation of the plant and/or for carrying out the project, together with the status of the authorisation process and the date by which permits should be re-ceived (if not already authorised).*

|  |
| --- |
| Click here to enter text. |

# Information for sandbox projects

## Project participation and scope

*Please specify the location of implementation and which area(s) of the grid will be involved in the exception. If necessary, please give a brief description of the production and/or consumption facilities that may be involved in the project. If necessary, please give a brief description of the production and/or consumption facilities that may be involved in the project.*

|  |
| --- |
| Click here to enter text. |

## Legal basis and necessity of deviation

*Describe precisely the current legal basis (Arts. 6, 8, and 10–20a Federal Electricity Supply Act, ESA) of limitations on the implementation of the project and which must be circumvented in order to execute the project. An exchange with the ElCom secretariat may be necessary under certain circumstances. Explain why the expected results cannot be achieved in a protected environment without the need for deviation from the law. If possible, indicate previous projects that may have shown the need for an exception (e.g. reference to final reports, publications, etc.)*

|  |
| --- |
| Click here to enter text. |

## Measurement concept / Monitoring of performance if not given in section 5.1

*Describe the method with which the attainment of the project goals can be evaluated. Define the methodology, the tools employed and the duration and frequency of the planned measurements.*

|  |
| --- |
| Click here to enter text. |

## Future implementation

*Provide a detailed description of the desired results of the project and explain how they could lead to information that is relevant to a future amendment of the Electricity Supply Act of 23 March 2007 (ESA; 734.7).*

|  |
| --- |
| Click here to enter text. |

## Additional costs, envisioned profits and funding resources

*Describe the costs and profits you expect to generate by executing the project, compared to the current situation. Please indicate which project stakeholders or third parties are expected to have additional costs and how/who will compensate them for these additional costs attributable to the implementation of the project. If an exception to the network stamp charge is requested, please describe in detail the proposal being made and whether the fees not collected will be replaced by others.*

|  |
| --- |
| Click here to enter text. |

# Remarks

|  |
| --- |
| Click here to enter text. |

# Self-declaration and Signatures

*This application must be signed by all project partners actively taking part in the project. By signing this application, the project partners declare that the information given in this form and in the attached documents is correct.*

*By ticking the following boxes, the project partners confirm in particular that*

*all federal financial assistance already granted and any applied for in relation to the project or parts thereof is declared;*

*the declared own funds and third-party funds to cover project funding do not contain any federal financial assistance;*

*all activities by the project partners that are related to this project and that involve federal financial assistance have been mentioned;*

*there is no inadmissible cumulation of federal funding (i.e., double funding, see Directive);*

*all results gained from the project are published in accordance with the Energy Ordinance (SR 730.01), Art. 61 and the Electricity Supply Ordinance (SR 734.71), Art.26a, para.6. In particular, project reports (interim and final reports) and the main project information will be published on the ARAMIS information platform (*[*www.aramis.admin.ch*](https://www.aramis.admin.ch/?Sprache=en-US)*), the federal geoportal (*[*map.geo.admin.ch*](https://map.geo.admin.ch/?X=190000.00&Y=660000.00&zoom=1&lang=en&topic=ech&bgLayer=ch.swisstopo.pixelkarte-farbe)*) or the SFOE's sandbox website.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Main applicant (institution)* | | | | |
| **Click here to enter text.** | | | | |
| *Place, date:* |  | *Name surname:* |  | *Signature:* |
|  |  |  |  |  |
|  | | | | |
| *Project partner (institution)* | | | | |
| **Click here to enter text.** | | | | |
| *Place, date:* |  | *Name surname:* |  | *Signature:* |
|  |  |  |  |  |
|  | | | | |
| *Project partner (institution)* | | | | |
| **Click here to enter text.** | | | | |
| *Place, date:* |  | *Name surname:* |  | *Signature:* |
|  |  |  |  |  |
|  | | | | |
| *Project partner (institution)* | | | | |
| **Click here to enter text.** | | | | |
| *Place, date:* |  | *Name surname:* |  | *Signature:* |
|  |  |  |  |  |
|  | | | | |
| *Project partner (institution)* | | | | |
| **Click here to enter text.** | | | | |
| *Place, date:* |  | *Name surname:* |  | *Signature:* |
|  |  |  |  |  |

# Annexes and submission of application

## Research projects

*The following documents must be attached to the application for financial support:*

|  |  |
| --- | --- |
|  | *Completed form "*[*Project costs, financing and non-amortisable costs*](https://pubdb.bfe.admin.ch/en/publication/download/9954)*, to be submitted as an Excel file.* |
|  | *Written confirmations or declarations of intent stating the proposed financial participation of parties who have no active role in the project and participate exclusively in financing the project (third-party funds: cantons, building owners, foundations, associations, etc.).* |
|  | *List of relevant sources/references on the topic (if available).* |

*The completed and signed application in German, French, Italian or English (digital signature or scan of the signatory page) including all the mandatory and optional annexes is to be submitted in digital form to the* [*responsible programme manager*](https://www.bfe.admin.ch/bfe/de/home/forschung-und-cleantech/forschungsprogramme/_jcr_content/par/tabs/items/tab/tabpar/externalcontent.external.exturl.pdf/aHR0cHM6Ly9wdWJkYi5iZmUuYWRtaW4uY2gvZGUvcHVibGljYX/Rpb24vZG93bmxvYWQvMTEwMS5wZGY=.pdf)*.*

## P+D projects and preliminary studies/monitoring of performance

*The following documents must be attached to the application for financial support:*

|  |  |
| --- | --- |
|  | *Completed form* [*Project costs, financing and non-amortisable costs*](https://pubdb.bfe.admin.ch/en/publication/download/9954)*, to be submitted as an Excel file.* |
|  | *If the SFOE funding contribution requested exceeds the sum of CHF 500,000, the most recent annual accounts and auditor’s report (if applicable) of all project participants (apart from public organisations).* |
|  | *Written confirmations or declarations of intent stating the proposed financial participation of parties who have no active role in the project and participate exclusively in financing the project (third-party funds: cantons, building owners, foundations, associations, etc.).* |

*The completed and signed application in German, French, Italian or English (digital signature or scan of the signatory page) including all the mandatory and optional annexes is to be submitted in digital form to* [*pilote-demo@bfe.admin.ch*](mailto:pilote-demo@bfe.admin.ch)*.*

## Sandbox projects

*The following documents must be attached to the application for financial support:*

|  |  |
| --- | --- |
|  | *Completed form* [*Project costs, financing and non-amortisable costs*](https://pubdb.bfe.admin.ch/en/publication/download/9954)*», to be submitted as an Excel file.* |
|  | *Written confirmations or declarations of intent stating the proposed financial participation of parties who have no active role in the project and participate exclusively in financing the project (third-party funds: cantons, building owners, foundations, associations, etc.).* |

*The completed and signed application in German, French, Italian or English (digital signature or scan of the signatory page) including all the mandatory and optional annexes is to be submitted in digital form to* [*sandbox@bfe.admin.ch*](mailto:sandbox@bfe.admin.ch)*.*

1. Applications must be submitted two (research projects) and three (P+D projects) months before the start of the project, respectively (Art. 64, para. 2 EnG). [↑](#footnote-ref-2)
2. Projects of the SFOE research programme “Social Sciences and Humanities”. [↑](#footnote-ref-3)