Project description for proposals to ERA-Net SES ENERDIGIT

Joint Call 2020 (MICall20) – National Aplication

Version 2.4; 07.01.2019

Table 1: Key data of the project

|  |  |
| --- | --- |
| RTI Initiative: | *ERA-NET SES EnerDigit – 1st Joint Call for Proposals* |
| Full title of the project: | *Project title (max. 120 characters) (same as ERA-NET SES EnerDigit transnational proposal)* |
| Short title of the project: | *Acronym (max. 20 characters) (same as ERA-NET SES EnerDigit transnational proposal)* |
| Applicant: | *Name of the leading organisation (national applicant)* |
| Project partner(s): | *Name of partner organisation(s) (national applicant)* |
| Research category: | Industrial Research (IR)  Experimental Development (ED) |
| Project duration: | * Start date: * End date: * Duration in months (max. 36): |
| Costs: (AUSTRIAN SHARE) | * Total costs in Euro: * Total funding in Euro (max 2 Mil): |
| PROJECT GOALS: | *Please present the goals and innovative contents of the project with a maximum of 5 sentences. (same as ERA-NET SES EnerDigit transnational proposal)*  *In addition: Short presentation of work content and goals of work share of Austrian partners (max. 5 sentences).* |

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# In General

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## Checklist for Submission

The information provided in Chapter 1 is designed to help you in your submission and can be deleted in the final Project Description to be uploaded as an attachment via eCall.

### Checklist for formal check

The formal check serves to check the application for formal correctness and completeness. Please note: **If the formal requirements are not met and the deficiencies cannot be corrected, the proposal will be excluded from the further procedure and will be formally rejected without exception in accordance with the principle of equal treatment of applications.**

Table 2: Checklist for formal check

| *Criterion* | *Requirements checked* | *Correctable?* | *Consequence* |
| --- | --- | --- | --- |
| Completeness of the application | Project Description: descriptive part of proposal (upload as .pdf file)  ***The Project Description form must be completed in full; alteration and addition of chapters or headings are not permitted!*** | *No* | Rejection as result of formal check |
| Use of correct form (Instrument in eCall is consistent with project description) | Project Description  (see. Downloadcenter) | *No* | Rejection as result of formal check |
| Language | *English* | *No* | Rejection as result of formal check |
| Duration | max. 36 month | *No* | Rejection as result of formal check |
| The applicant is eligible for submission of a proposal. | See guidelines for Cooperative R&D-Projects, chapter 1.4 | *No* | Rejection as result of formal check |
| The project partners are eligible for participation. | See guidelines for Cooperative R&D-Projects, chapter 1.2 | *No* | Rejection as result of formal check |
| Minimum requirements of consortium | See guidelines for Cooperative R&D-Projects, chapter 1.2 | *No* | Rejection as result of formal check |
| Funding amount (AUSTRIAN SHARE) | Total funding amount requested must not exceed EUR 2 million | *No* | Rejection as result of formal check |
| Attachments to eCall project data  (upload as .pdf file) | Joint Full Proposal (transnationaler Antrag) | *Yes* | Rectification via eCall is possible |
| Uploads to eCall master data  (upload as .pdf file) | Annual accounts (balance sheet, profit and loss account) of the last 2 financial years have been submitted | *Yes* | Rectification via eCall is possible |

### General points

* Adhere to the questions. Questions, comments and notes marked in blue in the form **may / may not** be overwritten or deleted
* Please make sure, that the information provided in this form corresponds to the information in the eCall-systems. In case of differences, the information provided in the eCall-system is binding.
* A complete project proposal consists of the project description (presentation of the content) and a cost plan (presentation of costs)
* Describe your project in sufficient detail for reviewers to form an accurate impression of your planned project. Try to keep your text precise and to the point.
* The maximum number of pages is NOT a request to reach this limit. Applications should enable the reviewers to understand the topic and the benefits resulting from the proposed project. Quality is more important than quantity.
* In the event of any questions please refer to your contact person at the FFG (contact information is available in the call announcement).

## Submission

Project proposals may only be submitted electronically via [eCall](https://ecall.ffg.at) within the submission deadline. Please see the detailed [eCall tutorial](https://ecall.ffg.at/Cockpit/Tutorial-Hilfe).

The main proposal may only be submitted if all partners have previously completed and submitted their partner proposals via eCall.

A project proposal is considered to have been submitted if the eCall application has been finalised by clicking the “Submit“ (“Einreichung abschicken”) button. On successful submission, a confirmation will be sent by e-mail. It is not possible to resubmit the proposal or parts of it or to revise the proposal after the submission deadline.

In the event of any questions about eCall please refer to your contact person at the FFG (contact information is available in the call announcement). It is NOT required to send a duly signed copy of the proposal submitted online.

All proposals submitted will only be made available to the persons involved in the administration of the call. All these persons are subject to strict confidentiality. In particular, the national and international experts who take part in the evaluation procedure must sign a declaration of confidentiality before they start their work.

**Submission deadline national:**

**Proposals for funding must be received via eCall  
by 12:00:00 a.m. on 13.05.2021!**

**ACHTUNG: EINREICHUNG SOWOHL NATIONAL DURCH DIE ÖSTERREICHISCHE KONSORTIALFÜHRUNG ALS AUCH TRANSNATIONAL VERPFLICHTEND!!**

**Transnational via NordForsk Application Portal bis 6.Mai 2021, 14:00**

Kurzfassung

Kurzfassung auf **Deutsch** (max. 1 Seite), entspricht der Kurzfassung aus den Projektdaten im eCall

Die aussagekräftige Kurzfassung muss folgende Punkte beinhalten:

* Ausgangssituation, Problematik und Motivation zur Durchführung des F&E-Projekts
* Ziele und Innovationsgehalt gegenüber dem Stand der Technik / Stand des Wissens
* Angestrebte Ergebnisse und Erkenntnisse

Abstract

Summary in English (translation of "Kurzfassung") (max. 1 page), corresponds to English summary from eCall project data

# Quality of the project

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## State of the art – current level of technology/knowledge

(max. 7 pages)

Describe the current state of the art, i.e. current level of technology/knowledge, relevant to the project based on the following criteria:

* State of the art – current level of technology/knowledge
  + in the company or research institution itself
  + in the national innovation system
  + in Europe (including EU projects) and internationally
  + results of patent searches
* Relevant products, procedures or services that are already on the market
  + by the company/company group
  + by competitors
* Relevant alternative technologies, methods and approaches that are in competition with the proposed approach

### Results from other projects

Please explain the differences to other projects carried out by the consortium partners in the past three years. Include in particular all ongoing and completed projects of thematic relevance. Special focus should be placed on the results you intend to use for your project and potential synergies. Use the description to underline that you have the expertise and experience to carry out the proposed project (supplementary to Chapter 2, Suitability of Applicant / Project Partners).

If these projects were funded by the FFG, please indicate the FFG project number and the project title.

Use the following table to provide the relevant information:

**Existing results and deliverables obtained from publicly funded projects that provide the basis of or feed into the proposed project**

Table 3: Results and deliverables from other projects

| Funding provider | Project number | Title | Description of results already obtained and relevant deliverables (verifiable results / products of R&D work) in terms of the basis for / differentiation from the proposed project | Location and type of documentation  (e.g. link to homepage, publication, conference proceedings, interim report, final report, …) |
| --- | --- | --- | --- | --- |
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## Degree of Innovation

### Problem and research need

Clearly point out the problem and/or unsolved scientific/technical questions giving rise to the need for a funded research and development project.

### Goals

Describe briefly and concisely the key qualitative and quantitative goals and expected results of the project. These goals should be clear, measurable, realistic and achievable within the project duration. They should also be consistent with the benefit and exploitation of the results.

### Degree of innovation and associated risk

Describe the degree of innovation with reference to the state of the art (current level of technology / knowledge) as well as relevant products, procedures and services presented in 2.1.

* How do the goals of the project go beyond the state of the art (current level of technology / knowledge):
  + in the company or research institution itself
  + at national level
  + at international level
* How does the project improve existing solutions, cause a technological leap or create the basis for the registration of IPRs?
* Please quantify the improvements to be achieved (e.g. higher efficiency, lower cost, faster throughput, enhanced functions, etc.), or explain why the degree of innovation can only be described qualitatively.
* Describe the technical and economic risk involved at project and/or partner level. Describe the provisions made to ensure that the funding has a high impact despite the high risk involved (risk management, risk and contingency plan). However, you should not limit yourself to describing the risk in terms of project management.
* Justify your classification for one of the research categories “Industrial Research” or “Experimental Development”. If necessary use the Technology Readiness Levels (TRL)

## Quality of planning

### Overview and description of work packages of the full ERA-NET SES EnerDigit proposal

The Work Package (WP1) Project Management is mandatory. A maximum of 10 work packages are permitted. Please ensure consistency with the eCall data.

Please insert additional rows if necessary: place cursor in last row and select “Table -> insert -> row below” from the menu bar.

**Overview of work packages**

Table 4: Overview of work packages

| WP  No. | Work package title | Austrian Participation (yes/no) | Duration (month) | Start MM/YY | End MM/YY | Planned result |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | Project Management |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| n |  |  |  |  |  |  |

**Overview of milestones**

Table 5: Overview of milestones

| Milestone No. | Milestone title | Work packages involved | Expected date | Milestone is achieved when: |
| --- | --- | --- | --- | --- |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| n |  |  |  |  |

### Detailed description of of the Austrian work share as part of the work packages of the full ERA-NET SES EnerDigit proposal

Describe the contents of the **Austrian Work Share** as part of the individual work packages, the results expected within the duration of the project and the milestones. The individual **methods** and steps must be clearly and consistently defined and/or described (about 1 page per work package).

The table should be copied and completed separately for each work package (WP) where **Austrian partners** are involved in.

**Description of work package – only for those with Austrian participation**

Table 6: Description of work package - WP number and title

|  |  |
| --- | --- |
| WP No. |  |
| Title of WP: |  |

Table 7: Description of work package - Participating organisation and person monthrs per organisation

| Participating organisation (A/Pn) and person-months per organisation: |
| --- |
|  |

Table 8: Description of work package - Goals

| Goals: |
| --- |
|  |

Table 9: Description of work package - Description of contents

| Description of contents: |
| --- |
|  |

Table 10: Description of work package - Method

| Method: |
| --- |
|  |

Table 11: Description of work package - Milestones, planned results and deliverables

| Milestones (to measure project progress), planned results and deliverables (verifiable results / products of R&D work) |
| --- |
|  |

### Work and time schedule (Gantt chart)

Insert a detailed work and time schedule. Please pay attention to readability.

### Description of cost plan

(max. 1 page)

Please explain the relevance of the items listed in the cost plan for the project: personnel costs, costs of infrastructure use, costs of materials, third-party costs and travel costs (especially purpose of travel).

**Please observe the regulations in the** [**Cost Guidelines 2.1**](https://www.ffg.at/recht-finanzen/kostenleitfaden/version-21)

### Third-party costs (if exceeding 20% of total costs per partner)

(max. 1/4 page)

Third-party costs should not exceed 20% of the total project costs per partner. Please justify any excess.

### Third-party expertise required

Please describe the fields of expertise that are not covered by the consortium and must therefore be contributed by a third party (e.g. via subcontracts). Name the subcontractors and describe in what form they will contribute the relevant expertise.

The content of **every subcontract exceeding EUR 20,000** must be described individually and in detail. If the subcontractor is not known yet, describe the aim of the work to be subcontracted and the qualifications to be met by the subcontractor.

**General information about subcontractor**

Table 13: General information about subcontractor

| Relevant WP(s) |  |
| --- | --- |
| Subcontractor of A/Pn |  |
| Name of subcontractor |  |
| Content of subcontract |  |

# Exploitation strategy (Austrian Partners)

Describe the exploitation strategy for the project results for each individual partner involved in the project in qualitative and quantitative terms. Please also indicate any specific exploitation expertise the relevant organisation has. **If the exploitation of the results has a significant impact on people, please also indicate how gender-specific issues have been taken into account in the exploitation of the economic potential.**

Research-oriented organisations:

[Planned number of]: diploma and doctoral theses, publications in national and international journals (with or without review process), national and international conference papers, national, European and international patent applications, workshops, events and conferences, expert advisory boards, etc…

Companies and application-oriented organisations

* [Planned number of]: industrial property rights, licences, national, European and international patent applications (in selected countries)
* Exploitation via subsidiaries, distribution partners
  + based on competitive edge in fields such as production, expertise, trade secrets, market presence
  + collaborations with third parties aimed at development and exploitation
* Marketing strategy
* Sales strategy
* Business plans/models
* Investment plans

Call-specific supplementary information

The following documents must be uploaded as **additional annexes to the eCall project data:**

**Full ERA-NET SES EnerDigit proposal**

Declaration of SME Status (if no data are available in the Austrian Business Compass) (see [template](https://www.ffg.at/recht-finanzen/rechtliches_service_KMU))