**ERASynBio 1st Call for Proposals 2013 "- Building Synthetic Biology capacity through innovative transnational projects”**

**Project description template**

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| It is absolutely mandatory to meet the format of the proposal template and the page limit as outlined below. A formal check of all proposals will be conducted right after closure of the electronic submission gate. Incomplete proposals, proposals using a different format or exceeding length limitations of any sections will be rejected without further review.  Please also regard information provided in the “call text” document published at the ERASynBio website (http://www.erasynbio.eu) and by the national funding organisations. |

**General instructions**

* Maximum 50 DIN A4 pages for the whole project description
* Formatting: margins of 2.5 cm, font size of Arial 11 point, line spacing at least 1.15
* Language: English
* Italic text (see below) contains further information and should be deleted when the final proposal is generated.
* No annex is allowed in addition to this template. If any annex is attached, it will not be considered.
* Electronic proposal submission is mandatory (https://www.pt-it.de/ptoutline/application/ERASYNBIO1). The electronic submission system will close at 17:00CET on the 26th of August, 2013. Proposals that do not meet the deadline will be rejected

1. Overview

Project title

*Insert the same project title as on the Electronic Proposal Form in pt(outline\* (max. 250 characters).*

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| --- |
|  |

Project Acronym

*Insert the same project acronym as on the Electronic Proposal Form in pt(outline\* (max. 10 characters).*

|  |
| --- |
|  |

Project duration (*in months*)

|  |
| --- |
|  |

Total project costs (€):

|  |
| --- |
|  |

Total requested budget (€):

|  |
| --- |
|  |

Project summary

*Please provide a brief overview (max. 2000 characters) Note that if the project is selected for funding this abstract will be published on the ERASynBio and funding organisations’ websites.*

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Thematic area: (*Metabolic engineering; Regulatory circuits; Orthogonal biosystems; Bionanoscience; Minimal genomes; Protocells; other, please specify)*

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Consortium

*Please insert full name, organisation and country of the main applicant (PL/coordinator = partner 1) and co-applicants (PI for each project partner = partner 2, 3, etc).*

*Please note that each proposal must involve a minimum of three ERASynBio funded partners from at least three different European countries participating in the call.*

*Partners from non-participating countries can join the consortium if they can secure their own funding and as long as the majority of research groups and the coordinator are from ERASynBio participating countries. If this is relevant for your consortium, please explain the collaboration in chapter 6.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Name and position of the group leader (in bold) and other personnel | Organisation | Country | Funding requested yes / no |
| 1(*Coordinator*) |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |

*Please insert further lines, if necessary.*

1. Concept of the project (*max. 2 pages)*

*Describe the scientific and technological objectives of the project. If possible, quantify the objectives in terms of measurable outcomes (e.g.SMART-Method).*

*Explain your concept in view of the aims and scope of the first ERASynBio call.*

1. Background and present state of the art in the research area (*max. 2 pages*)   
   *Provide the scientific basis for your project and describe the present state-of-the-art of your project research topic. Highlight the novelty, originality and feasibility of your project. Identify important gaps of the current knowledge. Describe how the proposed project is embedded within the currently existing research.*
2. Work plan *(max. 15 pages)*  
   *Provide a project description broken down into individual work packages, tasks, milestones and deliverables including timelines. Quantify the expected project result(s) (if applicable). Justify the chosen methodology and define the responsibilities. Inclusion of a PERT chart (explaining the work packages and the role of the partners) is recommended.*
3. Impact (*max. 2 pages*)  
   *Describe the dissemination, publication, and especially intellectual property rights measures. Explain the impact of the expected results, including the potential for economic applications and societal benefit. Please also explain how data management will be performed and what the data sharing policy is.*

1. Consortium (*max. 1 page*)

*Explain the overall collaborative structure and the appropriateness of the consortium in terms of research area, methods and complementary of expertise. Demonstrate the synergistic potential. Explain the added value of the transnational approach and (if applicable) the involvement of non-ERASynBio funded partners.*

1. Partner description *(max. 1 page each)*  
   *Describe the contribution of each partner to your project. List for each group leader a brief Curriculum Vitae and up to five recent most relevant publications, demonstrating the competence to carry out the project. Describe preliminary work undertaken, ongoing projects and other expertise relevant for the current application.*
2. Budget plan

*Please use the templates. Please give an overview of the total requested costs (in k€) in table 1: “Financial plan: sum of year 1-3”. Please insert in table 2: “Breakdown of Personnel costs” per partner the number of person months and category of personnel to be appointed (use one line per position).*

Table 1: Financial plan: sum of year 1-3 (in k€)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Person-nel\* | Consum-ables | Equip-ment | Travel | Other\*\* | Over-head \*\*\* | Total Costs | Total re-quested |
| P1 |  |  |  |  |  |  |  |  |
| P2 |  |  |  |  |  |  |  |  |
| P3 |  |  |  |  |  |  |  |  |
| .. |  |  |  |  |  |  |  |  |
| … |  |  |  |  |  |  |  |  |

*Please insert further lines, if necessary.*

*\* please insert the total amount of personnel costs per partner*

*\*\* e.g. subcontracting, licensing fees, may not be eligible cost in all countries*

*\*\*\*funding of overhead according to national regulations. Please refer to Annex VIof the call text “National regulation details”*

Table 2: Breakdown of Personnel costs per partner

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Type of personnel (postdoc / PhD / tech. assistant / other) | Person Months (PM) | Person costs/ months (k€) | Personnel cost total (k€) |
| P1 |  |  |  |  |
| P1 |  |  |  |  |
| P1 |  |  |  |  |
| … |  |  |  |  |
| P2 |  |  |  |  |
| P2 |  |  |  |  |
| …. |  |  |  |  |
| P3 |  |  |  |  |
| P3 |  |  |  |  |
| .. |  |  |  |  |
| Total |  |  |  |  |

*Please insert further lines, if necessary.*

1. Justification of requested budget (*max. 1 page per partner)*

*For each partner, please explain shortly the following budget items (if applied for):*

* *Personnel: Person-Months and position of employment (e.g. 18 Person Months of Research assistant)*
* *Consumables: List of consumables. Non-standards items, especially if costly, should be mentioned and justified.*
* *Equipment: Please list and justify the required equipment*
* *Travel: Please list the total amount for conference visits, the amount for project meetings, and any other project-related travel costs.*
* *Other direct costs: Please explain the budget requested here (subcontracting, licensing fees, may not be eligible cost in all countries) including justification*

*In addition, specification of co-funding from other sources necessary for the project as well as secured funding of non-ERASynBio funded partners of the consortium should be explained here, if applicable.*

1. Project management and reporting *(max. 2 pages)  
   Describe how the overall coordination, monitoring and control of the project will be implemented. Explain how information flow and communication will be organized within the project (e.g. collaboration and task meetings, exchange of scientists).   
   Risk management: Indicate where there are risks of not achieving the objectives and fall-back positions, if applicable.*
2. Ethical and Legal issues - according to national regulations (*max. 2 pages)*   
   *ERASynBio will not fund projects where the downstream use of the technology would be for specific security purposes (i.e. does not include food, environment or energy security).   
   All funded project must comply with the relevant national, EU and international ethics-related rules and professional codes of conduct (please refer to EGE opinion No. 25 (*[*http://ec.europa.eu/bepa/european-group-ethics/docs/opinion25\_en.pdf*](http://ec.europa.eu/bepa/european-group-ethics/docs/opinion25_en.pdf)*) or the respective US guidelines (*[*http://www.nsf.gov/pubs/policydocs/pappguide/nsf13001/nsf13\_1.pdf*](http://www.nsf.gov/pubs/policydocs/pappguide/nsf13001/nsf13_1.pdf)*).   
   Please provide an overview of possible ethical relevant issues in your proposal, the methods to tackle them and indicate the relevant pages in the proposal.  
   These issues can either be conceptual or project specific (including potential applications in the fields of biomedicine, biopharmaceuticals, biochemicals, biomaterials, energy and environment). These issues can involve, but are not limited to questions of   
   - bio-safety  
   - biosecurity  
   - justice  
   - data protection  
   - handling of intellectual property rights (IPR).*