**

*ENES OASIS Dedicated User Support*

**Description of your OASIS project**

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# 1- Description of your development team

|  |  |
| --- | --- |
| Main laboratory and on site collaborators (names, positions) involved in this work |  |
| PI of this dedicated support (name, position) |  |
| If known and relevant, names/laboratories of the physical coupling interface developers |  |
| If any, name of other laboratories involved in the development (and remote collaborator names) |  |
| Is this development devoted to a single user’s study or is it planned to be shared with a larger community ? | Single user/ Community |
| If it must be shared with a larger community, describe in which context this development will be used by other laboratories |  |

2- Technical description of your target coupled application

## *Component models*

|  |  |  |
| --- | --- | --- |
|  | Component model 1 | Component model 2 |
| Name |  |  |
| Developed by (laboratory) |  |  |
| If not developed by the applicant laboratory, is the owner laboratory able to give a support (or is it involved in projects with the applicant laboratory)? |  |  |
| Is the model already interfaced with OASIS3-MCT? | yes/no | yes/no |
| Is the model already interfaced with another coupler? | yes/no | yes/no |
| Is the model already operated in a workflow (input/output file management, …) ? | yes/no | yes/no |
| If yes, what is your level of expertise of this workflow ? |  |  |

If the plan is to use OASIS3-MCT to couple more than 2 component models, please describe the additional component models, answering the same questions than above.

## *Machine*

|  |  |
| --- | --- |
| Constructor/ Processors / Computing centre |  |
| Is the computing performance a major issue you would like to address during the dedicated support ? |  |
| If yes, what is the scalability limit of the component models (if available)? |  |
| In any case, what is the approximate number of cores necessary to process your experiment? |  |
| In any case, will CPU resources be available during the support period? |  |

## *Technical task description*

- Why do you think that the help of an OASIS team's developer is needed to help you designing your OASIS interface implementation or to help you enhancing performance of your existing OASIS based coupled model ? Which problem(s) do you think you will not be able to address that require this OASIS dedicated support ?

- Do you think that the OASIS dedicated support will allow to enhance the OASIS coupling software ? To help OASIS better address new coupling issues ?

# 3- Scientific description of your project

Please detail in less than one page the scientific context and the kind of studies the model will be devoted to. If this work is part of a collaborative project, please also describe its scientific purpose.

# 4- Other information

Please write here in less than 1 page any other relevant information concerning your project, needs, constraints ...