***Note:*** *Please read through the notes in this template when preparing your proposal, but make sure to delete them before submitting it on Project Forum*

**Title of the project:** …

**Supervisor(s), faculty, email**

<name>, <faculty>, <email>, <netid>

***Note:*** *Please already include the netid of all your colleagues that may be involved in the grading process. That will help us easily grant you permissions (for grading, Brightspace, etc.). Please include all that you think may be involved, if this changes we can easily revoke permissions later. Note that it is not easily possible to determine netid from the email address (unfortunately) – please ask your colleagues.*

# Project information

**Project level:**

* Small (5 EC, or 140 hours / student over 10 weeks, Q1 or Q2)
* Large Advanced Interdisciplinary (15 EC, or 420 hours / student over 10 weeks, only Q1)
* My project can be offered as both Small and Large. *Note: choosing this option will increase the chances of your project being selected this year.*

***Note****: We expect to receive many Large Advanced project proposals but can only accommodate a limited number of them due to the course size. For this reason, if you propose an Large Advanced project, we recommend* *to consider offering a simplified version of your project as a Small project if your proposal is not chosen as Large. We cannot guarantee that your proposal will be offered in the course and / or level of your choice. For Large Advanced projects, it is also important to emphasize the interdisciplinary aspect as these projects are intended to be assigned to an interdisciplinary team.*

**When can you supervise the project? Please indicate your availability below.**

* I can only supervise in Q1 (September to early November).
* I can only supervise in Q2 (mid-November to early February).
* I can supervise in Q1 **OR** Q2. *Note: choose this option if you want to offer in Q1. In case no group picks your project in Q1, we will automatically offer it again in Q2. Choosing this option will increase the chances of your project being selected this year.*
* I can supervise in both Q1 **AND** Q2. *Note: choose this option if you are open to offering the project twice. It is allowed to let your Q2 student group reuse the results of the Q1 group. Choosing this option will increase the chances of your project being selected this year.*

***Note****: Large Advanced projects can only run in Q1. Small projects can run in Q1 (MSc students) or Q2 (BSc students) or both.* ***Note****: You can offer the same project to two different student groups, one after another. For instance, you can run it for a MSc group in Q1 and then for a BSc group in Q2. However, if you have two different projects in mind for Q1 and Q2, please submit separate proposals for them.*

**Are you open to supervising multiple projects in the same quarter?**
Yes / No / Prefer not, but willing in case there is a shortage of projects or if my project is very popular.

***Note****: it can be the case that your project turns out to be very popular, in which case we might ask you to supervise two project groups at the same time. Let us know if are open to this possibility. Furthermore, it is possible to submit multiple projects via this form, but if you answer “No” here, we will make sure that at maximum one of your projects will get assigned a student team.*

# Project description

***Note****: See an example proposal for the* [*Small project*](https://tud365.sharepoint.com/%3Ab%3A/s/AIDUEducation/EbrwZOIfk6dIstFynBksqXcBz6Bd3BPCfQYIIiLEgEiVmQ?e=axnrFV) *or* [*Large Advanced project*](https://tud365.sharepoint.com/%3Aw%3A/s/AIDUEducation/EQHVgUH2wy9NhqHsrRvJ2OsBbI6XZk-fu16cgiFSRncjlA?e=7gbkn8)

**Background**

Provide motivation and context for the topic in this section. Please include a picture; this can help to make the project description more informative and attractive to students.

**Project aim**

Provide a high-level overview of the project goals and briefly describe what the students will do.

**MoSCoW analysis**

* **Must** …
* **Should** …
* **Could** …
* **Won’t** … (formulated in the [MoSCoW](https://en.wikipedia.org/wiki/MoSCoW_method) framework)

When submitting the proposal to the course organizers, please include a list of preliminary requirements. The course organizers will review whether the requirements are feasible for students. It can be the case that you will be asked to revise the requirements, either by the course organizers or by the student group during the project (to match the student skill level and to match the student interest with your project).

**Ethical aspects**

Please already have a thought about whether there may be (future) ethical issues or concerns. Furthermore, do we need to request any kind of approval? For example, [HREC approval](https://www.tudelft.nl/over-tu-delft/strategie/integriteitsbeleid/human-research-ethics) is necessary in case humans are involved in the study. In case it is in doubt whether such approval is necessary, please inform us as soon as possible as it may take some time to get such approval (+/- 2 months).

**AI approaches and methods**

For example: supervised learning, clustering, etc.

**Prerequisites**

Prerequisites related to students’ prior knowledge (BSc program, MSc program, CS and AI skills, …).

For the advanced project, it is important to emphasize the interdisciplinary aspect as these projects are intended for interdisciplinary team. So, indicate clearly the desired team composition, e.g., students from EWI (with expertise in Deep Learning) + students in TPM (with expertise in Climate Policies).

**Provided data and resources**

Whether you will provide any datasets or example code. Please include the relevant links (if published).

**Recommended libraries, tools, and code and techniques**

For example: scikit-learn, NLTK, etc.

**References**

2-5 relevant references.