**Project title (MOT x)**

*Max. 3 pages.*

*Mandatory pre-registration deadline: January 24th, 2022. Final submission deadline: February 28th, 2022.*

1. **Context and fit with the moonshot initiative**

*Describe briefly the project idea (object, cause and context) in max. 5 lines.*

*Describe the contribution of the project idea to the KPIs of the moonshot research trajectory of interest (multiple MOTs, if applicable). The KPIs of each of the MOTs are available at* [*www.moonshotflanders.be/moonshot-research-trajectories*](http://www.moonshotflanders.be/moonshot-research-trajectories)*. Indicate the CO2 (or CO2-equivalent) reduction potential to substantiate the contribution of the project idea to the overall moonshot goal.*

*Describe how the project idea fits within the strategic priority for the moonshot research trajectory (‘Moonshot OnderzoeksTraject’ or ‘MOT’) of interest. The strategic priorities are available on the moonshot website:* [*www.moonshotflanders.be/project-types*](http://www.moonshotflanders.be/project-types)*.*

1. **Goals**

*Describe the innovation objective and the scientific goals of the project. Describe the approach of the research plan. Indicate the milestones to be achieved, along the duration and at the end of the project, on which you can be evaluated for measuring the success of the project. Indicate critical elements, criteria, constraints, know-how or proof-of-concept phase.*

*Briefly position the project idea towards the state-of-the-art and highlight the differentiating factor.*

1. **Partners & description of tasks**

*Complete the table below according to the current composition of the consortium. The consortium does not need to be final. Describe the missing expertise that is needed for the successful realisation of the project if applicable. If needed, add or delete rows.*

*The composition of the final consortium should meet the following conditions: min. 2 knowledge institutes, min. 3 research groups. Keep in mind that a well-performing consortium is slim, balanced, complementary and with good understanding and cooperation.*

|  |  |
| --- | --- |
| Name KI  | *Describe per knowledge institute, the expertise in the project and added value to the project*  |
| KI 1 |  |
| KI 2 |  |
| KI 3 |  |

*Describe the approach to successful integration of the expertise present in the consortium. Describe the complementary competence and synergy within the consortium and describe how this synergy will be maximized.*

1. **Project type, budget estimation, duration, moonshot research trajectory (MOT)**

*Complete the table below.*

|  |  |
| --- | --- |
| Project type | cSBO |
| Budget estimation | cSBO: max. 3 MEUR |
| Duration | cSBO: max. 4 years |
| MOT | MOT1: Biobased chemistry / MOT2: Circularity of carbon in materials / MOT3: Electrification and radical process transformation / MOT4: Energy innovation |

1. **Valorisation potential**

*Indicate the valorisation potential, potential economic impact and the expected absorption by the Flemish industry: type of industry/company, expected product range, replacement/new market, etc.*