

Project description template (for Adolf Martens Fellowship applications)

Maximum **five pages**, divided into the following chapters:

- **Background and current state of the art**

Background: *shortly explain the societal and/or industrial challenges motivating your research project.*

State of the art: *briefly describe the current state of the art of science and technology, highlighting current gaps/open questions.*

- **Project goals, Originality, Relevance and Contribution to BAM's mission/focus areas**

Project goals: *clearly describe the scientific and/or technical goals of your research project and mention, if relevant, any underlying research hypothesis.*

Originality: *explain why your research project is original/innovative/novel compared to the state of the art and any relevant ongoing research.*

Relevance: *describe the significance of your (planned) research results for the advancement of the research field. Also describe the potential medium- and long-term impact of your results for industry and society (e.g. how your project might contribute to competitiveness of German and European industry; how the project might contribute to solving societal challenges).*

Contribution to BAM's mission and focus areas: *explain how your project contributes to BAM's mission of ensuring safety in technology and chemistry. Describe how your projects relates to one or more of BAM's five inter-departmental focus areas of energy, infrastructure, environment, materials, and analytical sciences.*

- **Realisation and Implementation**

Describe how (with which methods and which steps) you plan to achieve your research objectives and the required BAM infrastructure. Divide the project into Work Packages and briefly explain for each Work Package the methods used and work steps planned. Mention any relevant risks and provide contingency plans. Insert a GANTT-chart to visualize your work plan.

BAM encourages Adolf Martens fellows to extend their stay at BAM through external funding (e.g. Alexander von Humboldt postdoc fellowship program; Marie S. Curie Fellowships). If you intend to submit an application to any of these programs, please indicate this in the GANTT-chart.

- **Two-way transfer of knowledge between the fellow and BAM**

Transfer of knowledge to the fellow: *explain the new competences/skills/insights you will gain during the fellowship and how they improve your career perspectives.*

Transfer of knowledge to BAM: *explain which competences/skills you will bring to your host division(s) at BAM and how these extend the existing competences at BAM.*