

## **Project outline (for BAM junior research group applications)**

Maximum **three pages**, comprising the following aspects:

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

Shortly explain the societal and/or industrial challenges motivating your research idea. Highlight current gaps/open questions in the state of the art of science and technology<sup>1</sup>.

### **Project goals and originality**

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 idea is original/innovative/novel compared to the state of the art and any relevant ongoing research.

### **Relevance and relation to BAM's mission**

Relevance:

Identify the call topic your project fits into (Safety of Batteries / Green Building Chemistry / KI-driven Materials Discovery/ Molecular Mechanisms of Flame Retardants) and describe the significance of your (planned) research results for the advancement of this research area. Also describe the potential medium- and long-term impact of your results for industry and society.

Relation to BAM's mission:

Explain how your project idea contributes to BAM's mission of ensuring safety in technology and chemistry.

### **Feasibility**

Provide a concise general overview of how (with which methods and which steps) you plan to achieve your research objectives.

## **Letter of motivation (for BAM junior research group applications)**

Maximum **one page**, addressing the following aspects:

Motivation for establishing an own junior research group. Refer to early scientific and/or technical achievements and describe their relevance for the proposed research project

Motivation for choosing BAM as host organization of your research group. Clearly identify the BAM department you wish to join (optionally, identify a specific BAM division).

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<sup>1</sup> Max 5 literature references may be added to support the background and current state of the art. These references should be inserted as footnotes.