

Project Evaluation and Selection Criteria

Below you find the criteria that the Steering Committee of the Strategic Focus Area Advanced Manufacturing (SFA-AM) will use to evaluate and select the project proposals.

1. Topic

- a. **Thematic fit:** The project proposal is related to at least one of the Technical Focus Areas that are mentioned in the call for project proposals.
- b. **Industrial importance:** It addresses a key challenge that is of high importance for the successful industrial application of advanced manufacturing technologies.

2. Approach

- a. **Fundamental research:** The solution to the problem is subject to or based on new fundamental research in engineering sciences and allows for high impact publications.
- b. **Engineering education:** The project drives the education of engineers at the cutting edge of advanced manufacturing.

3. Objectives

- a. **Far-reaching objectives:** The objectives of the project are far-reaching and measurable. They exceed the state of the art significantly.
- b. **Early breakthrough:** One milestone is demonstrating significant breakthrough after 24 months.

4. Results

- a. **Tangible solutions:** The solutions are tangible and/or are demonstrated with functional demonstrators.
- b. **Applicable results:** Results can be applied in Swiss companies by start-ups and/or by direct transfer and will have a positive impact on the Swiss industry.

5. Feasibility

- a. **Technical feasibility:** The objectives are realistic and technically achievable. The project plan is reasonable and the approach is suitable to achieve the objectives.
- b. **Suitable competences:** The competences of the project consortium are suitable and complete to meet the project plan.
- c. **Adequate resources:** The resources that are requested by the project consortium are adequate to meet the project plan.

6. Use of Funds

- a. **Project consortium:** The project is carried out by a consortium of PIs from different ETH institutions.
- b. **Talent hiring:** Most of the budget is used for hiring young talents (doctoral students, postdocs).
- c. **Equipment purchase:** The amount for the purchase of equipment does not exceed 20 percent of the total project funding and the purchased equipment is made available to PIs across the ETH Domain.