



Application review form

Tandem Forest Values 3 Sustainable value chains from forest raw material – call 2021

Panel/Name of reviewer:
Name of applicant:
Title of proposed project:

Application number:

Application review form: Tandem Forest Values 3 – Sustainable value chains from forest raw material – call 2021

The call aims to support research about new possibilities to use forest raw material for future and more sustainable value chains. The projects build on, or lead to, active collaboration between research groups at universities or research institutes in Finland and Sweden within the research themes. The project must be of high scientific quality and over the short or long term be of benefit to society.

Please provide both written feedback and numerical ratings to each of the following items.

Write evaluative rather than descriptive comments.

- [Bullet text refers to technical instructions for the online services \(SARA\).](#)

Rating scale in the pre-review (before the panel meeting) and the final review (in the panel meeting). The consistency between the numerical rating and the written comments is particularly important.

Draft rate	Description	Final rating
6 (outstanding)	Demonstrates extremely high novelty and/or innovation; has potential to substantially advance science at global level; presents a high-gain plan that may include risks	6 (outstanding)

5 (excellent)	Is very good in international comparison – contains no significant elements to be improved	5 (excellent)
4 (good)	Is in general sound but contains some elements that should be improved	4 (good)
3 (fair)	Is in general sound but contains important elements that should be improved	1–3 (fair to insufficient)
2 (poor)	Contains flaws; is in need of substantial modification or improvement	
1 (insufficient)	Contains severe flaws that are intrinsic to the proposed project or the application	

1 Project's relevance to programme/call

1.1 Project's relevance to programme/call

Sub-rating (1–6)

Contribution of application to achieving objectives of programme/call

- See all items of the research plan and special item **1.4 Special objective of call** in the research plan.

1.2 Benefits for forest sector and society in Finland and Sweden

Sub-rating (1–6)

Long-term potential and direct benefits for society; description of relevant stakeholders and end users; communication and dissemination of results

- See all items of the research plan and special items **4.4 Sustainable development objectives** and **5.1 Effects and impact beyond academia** in the research plan.

2 Quality of research described in plan

2.1 Scientific quality, novelty and innovativeness of research

Sub-rating (1–6)

Significance of project; objectives and hypotheses; ambitiousness and state of the art of objectives (possible novel concepts and approaches or development across disciplines); scientific impact of research; generation of new knowledge, new methods, new technologies or new practices to end-users; potential for breakthroughs or exceptionally significant outcomes; etc.

- See item **1 Aim and objectives** in the research plan.

2.2 Implementation of research plan

Sub-rating (1–6)

Feasibility of project (bearing in mind extent to which proposed research may include high risks); materials, research data and methods; human resources and management of research tasks; research environment including research infrastructures; identified potential scientific or methodological problem areas and mitigation plan; etc.

- See item **2 Implementation** in the research plan.

2.2.1 Added value of bilateral collaboration between Finland and Sweden

Sub-rating (1–6)

Significance and added value of research cooperation between the Finnish and Swedish project partners for attainment of research objectives

- See item **1.4 Special objective of call** in the research plan.
- See item **2.4 Added value of consortium** (the bilateral collaboration between Finland and Sweden) in the research plan.

The Finnish and Swedish project partners form a collaboration of research projects that work under a joint research plan that is implemented in systematic collaboration.

3 Competence of consortium applicants, quality of research collaboration

3.1 Competence of consortium applicants and complementary expertise of applicants' research teams (all consortium PIs and their project personnel) Sub-rating (1–6)

Merits and scientific expertise of all Finnish and Swedish consortium applicants in terms of project implementation; complementary expertise of applicants' research teams (i.e. project personnel directly working/funded for the project); competence of all applicants in terms of supervising PhD candidates or postdoctoral researchers; support for researcher training within project; etc.

- See item **3.1 Project personnel and their project-relevant merits** in the research plan.
- See **most relevant publications and other key outputs** in the application form.
- See also **CVs** of the applicants in the application form.
- See also complete **lists of publications**.

Competence of all principal investigators should be reviewed.

3.2 Significance of other research collaboration and researcher mobility Sub-rating (1–6)

Significance of other national and/or international research collaboration (i.e. collaborators engaged in the project with their own funding) including complementary expertise and research environment of collaborators in terms of project implementation; significance of planned mobility (including digital mobility) for implementation of research plan and researcher training; etc.

- See item **3.2 Collaborators and their project-relevant key merits** in the research plan.
- See **Mobility** in the application form.
- See attached **Letter(s) of collaboration**.

4 Responsible science

4.1 Has the applicants considered the following aspects of responsible science properly in the application? (no numerical rating)

- See item **4 Responsible science** in the research plan.

The Academy of Finland is committed to promoting research integrity, responsible conduct of research and the principles and practice of equality and nondiscrimination and open science. See ‘Instructions for reviewing’ for further information.

4.1.1 Research ethics

- ☐ Yes (no comment needed)
- ☐ No, please comment in sub-item 4.2.1

4.1.2 Promotion of equality and nondiscrimination within project or in society at large

- ☐ Yes (no comment needed)
- ☐ No, please comment in sub-item 4.2.1

4.1.3 Open access to research publications

- ☐ Yes (no comment needed)
- ☐ No, please comment in sub-item 4.2.1

4.1.4 Data management and open access to data

- ☐ Yes (no comment needed)
- ☐ No, please comment in sub-item 4.2.1

4.2 Comment on responsible science aspects, the societal effects and impact

4.2.1 Provide further comments if responsible science aspects above (4.1.1–4.1.4) have not been properly considered.

5 Overall assessment and rating

5.1 Main strengths and weaknesses of project and comments (no numerical rating)

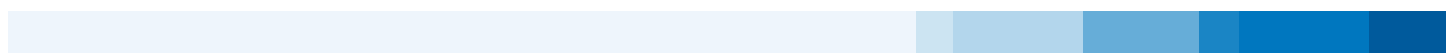
Please select major strengths and weaknesses of the application taking into account the added value of the Finnish-Swedish cooperation. Justify the selection in sub-item 5.2.

Main strengths (select all relevant aspects):

- ☐ project's relevance to programme/call
- ☐ benefits for forest sector and society in Finland and Sweden
- ☐ communication and dissemination of results
- ☐ scientific quality, innovativeness and novelty value
- ☐ impact within scientific community
- ☐ feasibility of research plan
- ☐ added value of bilateral collaboration between Finland and Sweden
- ☐ competence of all consortium applicants in terms of project implementation
- ☐ complementary expertise of research teams (in terms of project implementation)
- ☐ quality and significance of collaborative networks, researcher mobility, researcher training

Main weaknesses (select all relevant aspects):

- ☐ project's relevance to programme/call
- ☐ benefits for forest sector and society in Finland and Sweden
- ☐ communication and dissemination of results
- ☐ scientific quality, innovativeness and novelty value
- ☐ impact within scientific community
- ☐ feasibility of research plan
- ☐ added value of bilateral collaboration between Finland and Sweden
- ☐ competence of all consortium applicants in terms of project implementation
- ☐ complementary expertise of research teams (in terms of project implementation)
- ☐ quality and significance of collaborative networks, researcher mobility, researcher training



5.2 Justification and comments

Please justify the selections above by briefly describing the main strengths and weaknesses of the application.

6 Overall rating	Rating (1–6)
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- Please note that the final rating should not be a mathematical average of the sub-ratings. For example, the application should not be penalised if it has a slight weakness in one evaluation item that is later strengthened in another item (e.g. lack of some expertise in a local team but compensated through international collaboration).

Ranking based on the panel discussion (the ranking is made during the panel meeting)

Your application was ranked [ordinal number] of all [number] applications reviewed in this panel. Only applications with the final rating of 5 or 6 were ranked. The applications addressed to the Tandem Forest Values 3 call were reviewed in a total of [number] panels.

