

Expert's opinion: The volume and level of R&D activities in comparison to international criteria.

Subcriteria for evaluation	Evaluation	Comments
The research and development in the field being evaluated is characterized by a sufficient volume of financing taking into account the particularities of the field of research and the profile of the institution.	Positive	No.
Research and development at the institution is characterized by contemporary and innovative range of topics for research.	Negative	Research as presented is mostly routine, no modern research, e.g. quantum resistivity, etc. is visible. No vision of modern research has been expressed by the members of the institute
The institution has international cooperation projects in the field being evaluated and/or participates in various international cooperation networks.	Positive	No.
Experts' summary assessment	Negative	Research as presented is mostly routine, no modern research, e.g. quantum resistivity, etc. is visible. No vision of modern research has been expressed by the members of the institute

Expert's opinion: R&D infrastructure (working premises and auxiliary facilities).


Subcriteria for evaluation	Evaluation	Comments
The institution's research groups in the field being evaluated have at their disposal the necessary working and auxiliary facilities (premises).	Positive	No.
The working facilities (premises) at the disposal of the institution's research groups in the field being evaluated are modern and fit for purpose.	Positive	No.
The institution's research groups in the field being evaluated have at their disposal, in the case of experimental themes, the necessary equipment and instruments.	Negative	Equipment is sufficient for the routine measurements performed by the group, but not state-of-the art for carrying out modern research in the field
The equipment and instruments at the disposal of the institution's research groups in the field being evaluated are, in the case of the experimental themes, modern and fit for purpose.	Negative	Equipment is sufficient for the routine measurements performed by the group, but not state-of-the art for carrying out modern research in the field
The institution's research groups in the field being evaluated have access to databases, specialized literature and other research infrastructures.	Positive	No.
Experts' summary assessment	Negative	Equipment is sufficient for the routine measurements performed by the group, but not state-of-the art for carrying out modern research in the field.

Expert's opinion: Qualification of researchers in comparison to international criteria.

Subcriteria for evaluation	Evaluation	Comments
A sufficient number of research staff are employed at the institution taking into account the volume and particularities of the R&D activities of the institution and the field being evaluated.	Positive	No.
A sufficient number of the research staff have a recognized academic degree corresponding to Estonian legislative acts.	Positive	No.

Doctoral dissertations have been successfully supervised in the last five years.	Negative	Not enough doctoral dissertations on modern issues have been completed.
Research staff in the field being evaluated have received sufficient national or international honours and/or awards.	Negative	International visibility is lacking.
Research staff have published per researcher in the last 5 years a sufficient number of articles in international journals or peer-reviewed research monographs taking into account the particularities of the field of research being evaluated.	Negative	Submitted publications are low level. No novel research is conducted. This opinion is even confirmed by the referee reports of recently submitted papers.
Research staff have filed applications for patents or for plant variety rights certificates in the name of the institution in the last 5 years.	Negative	None filed.
Experts' summary assessment	Negative	There is very little evidence of cutting-edge research.
Subcriteria for evaluation	Evaluation	Comments
Final assessment	Negative	The institution does routine research but is not yet conducting cutting-edge research.

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spokesperson of the Subcommittee
„Natural Sciences and Engineering“