

**Evalveerimine 2010 Application EV14 Estonian Academy of Arts, Natural Sciences and Engineering**

**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	The applicants have failed to demonstrate the truly innovative character of their planned research. This was particularly the case in Engineering and Natural Sciences. There was little evidence of activity in these fields to date, so that plans for the future are critical.
The institution has international cooperation projects in the field being evaluated and/or participates in various international cooperation networks.	Negative	Research appears to be very inward-looking with little evidence of international engagement
Experts' summary assessment	Negative	The volume of R&D activities w.r.t. natural sciences and engineering does not meet minimal international standards.

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

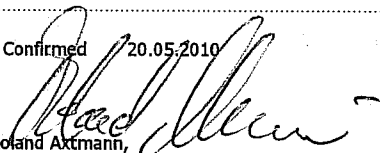
Subcriteria for evaluation	Evaluation	Comments
The institution's research groups in the field being evaluated have at their disposal the necessary working and auxiliary facilities (premises).	Positive	Although the Academy is presently on several different sites, facilities appear to be relatively good and fit for purpose
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	Recent renovation of a temporary site has created a fit-for-purpose environment, with the prospect of a new state-of-the-art building in the near future likely to improve premises even further
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.	Positive	Research practitioners have access to state-of-the-art software in the 3d lab.
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.	Positive	The 3d lab appears to have received investment such that hardware is modern and fit for purpose.
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	Positive	No.

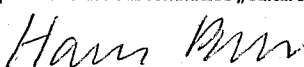
**Expert's opinion: Qualification of researchers in comparison to international criteria.**

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.	Negative	In the area of Engineering and Natural Sciences, there are insufficient active research staff. Research seems to be focused in other areas of activity in this institution.

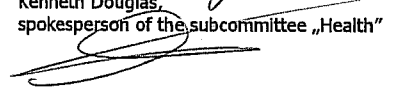
A sufficient number of the research staff have a recognized academic degree corresponding to Estonian legislative acts.	Positive	No.
Doctoral dissertations have been successfully supervised in the last five years.	Negative	In the area of Engineering and Natural Sciences, doctoral degrees have not been defended.
Research staff in the field being evaluated have received sufficient national or international honours and/or awards.	Negative	No significant awards have been given to staff in the area of Engineering and Natural Sciences.
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	Currently, there is a lack of published results in truly international research medias related to the concerned activities, in order to meet international standards.
Research staff have filed applications for patents or for plant variety rights certificates in the name of the institution in the last 5 years.	Positive	Not relevant.
Experts' summary assessment	Negative	Currently, there is a lack of published results in truly international research medias related to the concerned activities, in order to meet international standards.
<b>Subcriteria for evaluation</b>	<b>Evaluation</b>	<b>Comments</b>
Final assessment	Negative	The committee noted the enthusiasm of the involved staff. Unfortunately, the research activities remain at a preliminary stage. Currently, there is a lack of research output results and this prevents the global assessment from being positive. The strength of this Institution seems to lie in the Arts, Social Sciences and Humanities.

Confirmed 20.05.2010

  
 Roland Axtmann,  
 Chairperson of the evaluation committee;  
 spokesperson of the subcommittee „Culture and Society“

  
 Hans Brix,  
 Spokesperson of the subcommittee  
 „Biosciences and Environmental Sciences“

  
 Kenneth Douglas,  
 spokesperson of the subcommittee „Health“

  
 Eric Gregoire,  
 spokesperson of the Subcommittee  
 „Natural Sciences and Engineering“