

Evalveerimine 2010 Application EV23 Estonian University of Life Sciences, 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	Staff are spread widely over a large number of research areas, such that capacity in any one group is low.
Research and development at the institution is characterized by contemporary and innovative range of topics for research.	Negative	There is a wide diversity of topics, covering essential areas of research eg for agricultural improvement. This breadth compromises the ability to focus at a high standard. There is, therefore, only a limited amount of innovative research being conducted.
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 at this institution is not of a standard comparable with that conducted at high-level technical universities in Europe. Nevertheless the research being carried out is of national importance. The institution should endeavour to focus more deeply on some areas where it can make a greater novel contribution.

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

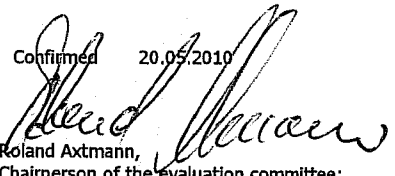
Subcriteria for evaluation	Evaluation	Comments
The institution's research groups in the field being evaluated have at their disposal the necessary working and auxiliary facilities (premises).	Positive	Particularly after the new building.
The working facilities (premises) at the disposal of the institution's research groups in the field being evaluated are modern and fit for purpose.	Positive	Some of the present facilities are below standards. This is expected to change after the next phase of investment in facilities.
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	Some of the present equipment is below standard. This is expected to change after the next phase of investment in facilities.
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	Some of the present equipment is below standard. This is expected to change after the next phase of investment in facilities.
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.

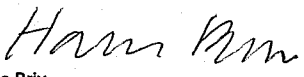
Expert's opinion: Qualification of researchers in comparison to international criteria.

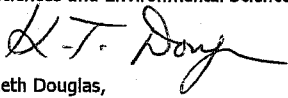
Subcriteria for evaluation	Evaluation	Comments
A sufficient number of research staff are employed at the institution taking into account the volume and particularities of the R&D activities of the institution and the field being evaluated.	Positive	No.
A sufficient number of the research staff have a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


Doctoral dissertations have been successfully supervised in the last five years.	Positive	No.
Research staff in the field being evaluated have received sufficient national or international honours and/or awards.	Negative	Visibility appears to be high in the Baltic states but is limited in a wider international context.
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	The level of publications in truly international journals must be increased. Too many outputs are only in conference proceedings which is not an international standard in Engineering.
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	No.
Experts' summary assessment	Positive	The committee noted the enthusiasm of many staff members for the research they carry out. Because however there is a considerable diversity to the research that is conducted, the institution is unable to focus with a depth that would allow truly international standards to be reached.
Subcriteria for evaluation	Evaluation	Comments
Final assessment	Positive	The committee noted the enthusiasm of many staff members for the research they carry out. Because, however, there is a considerable diversity to the research that is conducted, the institution is unable to focus with a depth that would allow truly international standards to be reached. The committee stresses that the research being carried out is of national importance and must be funded.

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“