

**Evalueerimine 2010 Application EV20 Tallinn University, 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	The panel noted that the institution has an internal financing mechanism to support PhDs students and the achievements of the research staff.
Research and development at the institution is characterized by contemporary and innovative range of topics for research.	Positive	To distinguish itself, Tallinn University should seek new domains of research that do not replicate activities in more established institutions in Estonia.
The institution has international cooperation projects in the field being evaluated and/or participates in various international cooperation networks.	Positive	
Experts' summary assessment	Positive	To distinguish itself, Tallinn University should seek new domains of research that do not replicate activities in more established institutions in Estonia.

**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	There appear to be space issues but a programme of investment is promised from 2011.
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	In some domains, facilities are old, but the panel understands that new investments will take place soon.
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	
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 institution's research groups in the field being evaluated have access to databases, specialized literature and other research infrastructures.	Positive	
Experts' summary assessment	Positive	

**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	
A sufficient number of the research staff have a recognized academic degree corresponding to Estonian legislative acts.	Positive	

Doctoral dissertations have been successfully supervised in the last five years. Positive

Research staff in the field being evaluated have received sufficient national or international honours and/or awards. Positive

A number of national awards have been achieved. Evidence of significant international recognition is more limited.

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. Positive

On average there are 3 peer-reviewed journal articles per staff member in the assessment period, which increases if only research staff are considered. There is good representation of significant international journals relevant to the subject areas considered (with the exception of computing science, where the level of publication must be increased). A further 3 book chapters/conference proceedings outputs per person has been produced.

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

The filing of patents is not critical to many of the areas of research in this unit of assessment. One patent has been filed.

Experts' summary assessment Positive

**Subcriteria for evaluation**

**Evaluation**

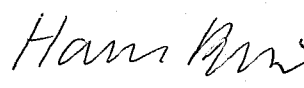
**Comments**

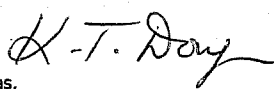
Final assessment Positive

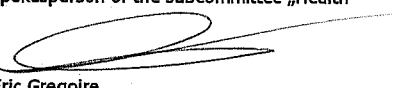
To distinguish itself, Tallinn University should seek new domains of research that do not replicate activities in more established institutions in Estonia. The institution has young and dynamic staff who should be able to achieve that.

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“