

Date  
April 26, 2024

Our reference  
Position Executive Board

General Affairs  
Executive Board

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## **Position of the Executive Board of Eindhoven University of Technology regarding the assessment of Industrial Engineering & Innovation Sciences**

In June last year, an international review committee assessed the research of the Department of Industrial Engineering & Innovation Sciences (IE&IS) at Eindhoven University of Technology (TU/e) conducted in the reference period 2017-2022. The assessment was carried out using the Strategy Evaluation Protocol 2021-2027 (SEP) for the research assessment of public organizations in the Netherlands.

The committee assessed the research in light of the proclaimed aims and strategies. The committee considered the three main SEP criteria in the assessment: research quality, relevance to society, and viability. Also, the four SEP aspects were incorporated: Open science, PhD policy and training, academic culture, and human resources policy.

The assessment committee consisted of:

- Prof. Iris Vis (University of Groningen, chair)
- Prof. Hanne Andersen (University Copenhagen)
- Prof. Anna Bergek (Chalmers University of Technology, Gothenburg)
- Prof. Koenraad Debackere (KU Leuven)
- Prof. Geraldine Fitzpatrick (TU Wien)
- Dr. Jelle de Vries (Erasmus University Rotterdam)
- Nele Albers MSc (Delft University of Technology)

The Executive Board highly appreciates the work of the committee and the recognition of the excellent quality of the research of IE&IS at TU/e.

- “The committee is very positive on the overall management of IE&IS which facilitates and endorses cooperation and team science to be key characteristics of the department.”
- “The committee judges research and valorisation as very good. With the emphasis on multidisciplinary research in mind it is even excellent, in other words “excellent in context”.”
- “As regards to open science and integrity, IE&IS is at the forefront of the developments in this field, .... We suggest the department to develop a vision on next steps, including how they could take a leading role within the TU/e and in The Netherlands on this topic.”

The Executive Board takes the concrete recommendations at heart. The highest priorities are discussed with the management of the Department.

- "The committee suggests to further discuss KPIs within the department. ... how the step from product-oriented to more narrative-oriented KPIs, and to more team-oriented KPIs, can be made."
  - o The Executive Board recommends using some KPIs from Elsevier's report on the 4<sup>th</sup> generation university.
- "The departmental themes are closely connected to the research institutes of the university, which gives much room for cooperation with the other departments of the university. We encourage the university to stimulate such collaboration in a truly bidirectional manner. IE&IS can benefit from the research done in the technological TU/e departments, while the technological TU/e departments may benefit equally from the research and valorization activities done in IE&IS."
  - o Depending on developments, the Executive Board sees opportunities to strengthen the connection of IE&IS with the research institutes EHCI and ICMS.
- "With respect to open science, the committee sees ample opportunity for the department to take a leading role in The Netherlands and internationally. Being at the forefront could be made more explicit in the ambitions of IE&IS."
  - o The Executive Board asks the board of the department to determine focus within open science in conversation with the scientific staff.

The Executive Board of TU/e has accepted the report and its recommendations and wishes to thank the assessment committee for the considerable time and effort it has spent on this assessment.

According to the schedule for the assessment process the Executive Board will monitor the progress by the department during the Bilos in the coming years as part of the quality assurance cycle.

On behalf of the Executive Board,



Prof.dr. S.K. Lenaerts  
Rector Magnificus Eindhoven University of Technology