Education
This report contains the third and final statement of accountability on progress towards realizing the Performance Agreement that relates to agreements concerning educational quality and study success in the period 2012 until 2015.
In 2015 an evaluation of the whole Bachelor College took place under the supervision of Ruth Graham, international expert in engineering education. This evaluation underlined how the realization of the Bachelor College has enabled many of the intended objectives to be achieved and offers valuable recommendations for further improvement regarding the relationship between the curriculum and the possibilities that students have to integrate and apply knowledge.
The Master program has been revitalized, with new curricula being introduced in September 2015. The Master, Designer and PhD programs are now incorporated within the Graduate School.
TU/e has signed a statement of intent with Tilburg University (TiU), the province of Noord-Brabant and the municipality of ’s-Hertogenbosch to establish a graduate school in ’s-Hertogenbosch and to begin a data science Bachelor program together with TiU.
In 2015 the ‘Future-oriented Educational Organization (TOO)’ got under way to provide support for Bachelor College and Graduate School education. Initial efforts produced a global design for the new Education & Student Affairs (O&S) educational organization. Information about bottlenecks and potential solutions provided a basis on which to classify centralized and/or local implementation of and responsibility for processes. The vision and the objectives, types of executive management and the desired organization culture have been formulated in conceptual principles of structure for the new O&S organization.
2015 saw the investigation of how the TU/e community could become even more of an international community. The International Experience steering group established four sub-project routes for implementation: incoming mobility, outgoing mobility, increasing the number of available places for study abroad, monitoring and statistics.
A method to introduce Blended Learning, currently being elaborated in departmental roadmaps, was developed in 2015 on the basis of the TU/e educational vision expressed in 2013.

Research
In recent years TU/e has refined its institutional profiling and focus in the field of multidisciplinary research, opting to profile the following lines in 2015:

- **Science for Society**
  The Strategic Areas Energy, Health and Smart Mobility are geared to societal challenges and bring the authorities, industry and non-governmental organizations together with researchers to tackle these issues.

- **Science for Industry**
  The High Tech Systems Center (HTSC) and the Data Science Center Eindhoven (DSC/e) work with companies to focus on the development of those competencies that are vital to industry.

- **Science for Science**
  The Institute for Complex Molecular Systems (ICMS) and the Institute for Photonic Integration (IPI) are among the world’s elite in their field and target scientific breakthroughs and the development of talent.

In the second phase of the Impulse program, for which the contracts were signed in 2015, emphasis lies on research proposals that support the research targets.
TU/e has realized around 270 extra research places via its Impulse program. In total the university and its partners have invested roughly €100 million in the initiative. Collaboration is geared to long-term research programs, especially in the TU/e focal areas like health technology, renewable energy, mobility, high-tech systems, materials and data science.
**Knowledge valorization**

Knowledge valorization is the third core task of every university. It is an area in which TU/e is traditionally strong and in which it leads the world in terms of the number of publications with industry. In 2015 the valorization implementation plan “*Where Innovation Starts*” was adopted, key components of which include the research support office, business development and the ongoing development of strategic partnerships. The Innovation Lab (IL) is pivotal in the knowledge valorization policy. In 2015 the IL focused on new venturing, program management and contract support. STARTUP/eindhoven is fully operational and comprises entrepreneurial education, living labs, student teams, student start-ups and SURE Innovation.

The business incubation system (scouting, screening, protection and further development) is operational and focuses on the growth of TU/e spin-offs and Brainport/Brabant start-ups. These activities are part of the regional NEXT MOVE initiative that began in mid 2015 to stimulate innovative business. Developing multiplier effects for research funding and long-term partnership with industry is going well. This is evident, for example, from fruitful collaboration, with Philips among others, in the form of Flagships.

Building, consolidating and intensifying collaboration with interesting partners abroad is a key item on the agenda. In 2015 the Internationalization steering group started up to discuss and invest in institution-wide internationalization projects. The steering group is working on establishing an Internationalization strategy.

**TU/e Science Park**

In recent years a lot of hard work has gone into realizing an inspirational campus for students, researchers and entrepreneurs. The Applied Physics and Electrical Engineering began using the Flux building in 2015. FOM DIFFER also took possession of its new building on the TU/e campus. The definitive design of the main building Atlas was presented in 2015 and renovation has started and should be complete in 2018.

The building of the Vestide student accommodation towers has begun. Potentiaal and Corona are being renovated by Dura Vermeer. The buildings will feature amenities like small shops, a restaurant and areas for cultural student clubs. Renovation work should be ready by the end of 2016.

The second phase of the Green Strip, where cyclists and pedestrians have plenty of space, was delivered in 2015.
Colophon

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