

FRAUNHOFER IKTS IN FIGURES

FRAUNHOFER IKTS IN PROFILE

Budget and revenues

The overall budget of Fraunhofer IKTS in 2016 was 53.7 million euros, just short of the previous year's level. All three cost centers contributed to a balanced budget. Business revenues amounted to 19.6 million euros, 3.3 million euros more than in the previous year. The total share yielded from direct industry projects for the institute as a whole was 38.7 %, 5.3 % more than in 2015. Particularly, the Hermsdorf site contributed once again to this success with a volume of 5.4 million euros and a share of 43.1 %. The share of revenues generated through EU projects increased by 160,000 euros to 2.8 %. The majority of these projects (86 %) were housed in Dresden. Over 3 million euros were utilized for new investments at the sites.

Personnel development

The employee count at IKTS remained at the 2015 level. Changes in personnel capacity requirements were accommodated through redistribution of resources among the various sites. A 6 % increase in technical personnel was offset by the lower number of doctoral students and apprentices due to the successful completion of the respective programs by the outgoing employees. New hires of apprentices are planned for 2017. One focus will be the definition of professional careers for scientists and non-scientists.

Expansion of the research basis

Within the classic working field of IKTS, the area of additive manufacturing is expanded further. The extended equipment basis enables processing of oxide and non-oxide ceramics.

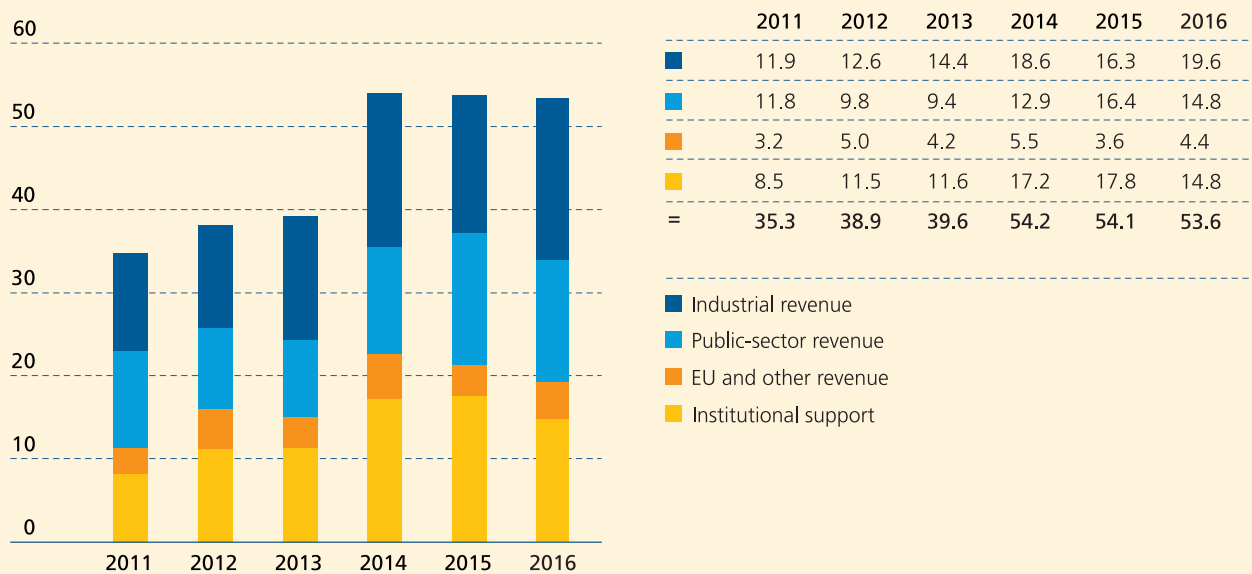
Integration of non-destructive test methods remains a strategic objective for 2017. Significant success has been achieved in the processing of various glass materials via powder-technological routes.

Development of the sintering technology at the Hermsdorf site yielded further improvements in manufacturing of membrane modules. This core area was strengthened through extensive investment in additional equipment.

As an activity operated by Fraunhofer IZI and Fraunhofer IKTS, the Bio-Nanotechnology Application Lab (BNAL) in Leipzig provided greater input to the other sites through the concentrated work of the Attract group. With the biological and medical know-how of Fraunhofer IZI combined with the expertise in developing new ceramic materials and innovative measurement methods of Fraunhofer IKTS, the lab is capable of handling a variety of international projects.

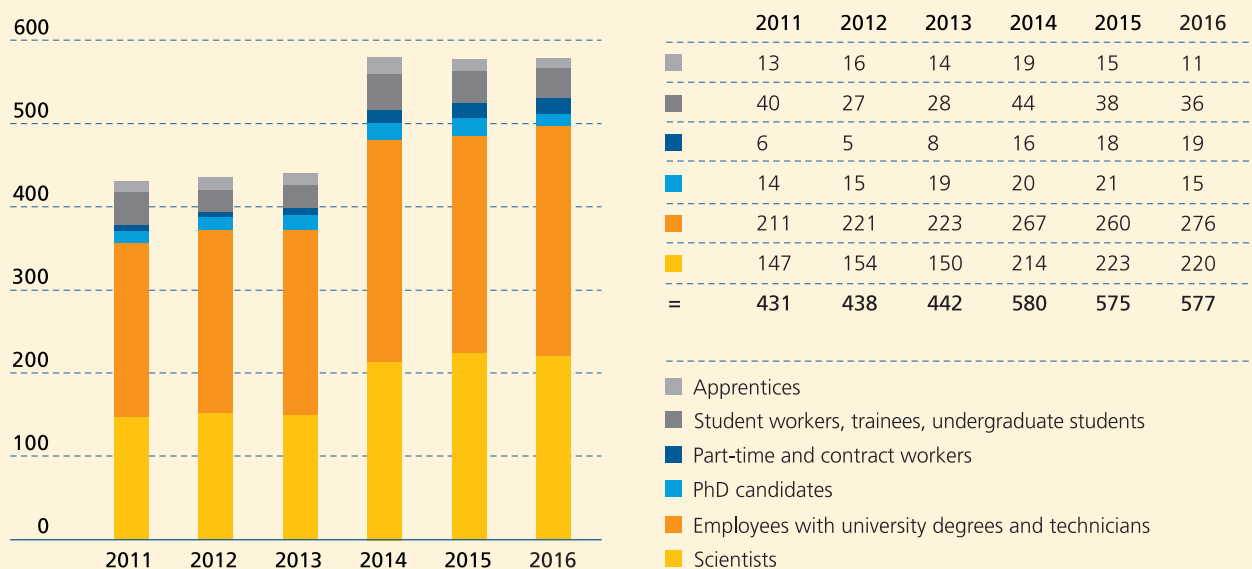


Revenue (in million euros) of Fraunhofer IKTS for the budget years 2011–2016



Personnel developments at Fraunhofer IKTS

Number of employees 2011–2016, full-time equivalents, personnel structure on December 31 of each year



¹ Institute management of IKTS, f.l.t.r.: Prof. Michael Stelter, Dr. Christian Wunderlich, Prof. Alexander Michaelis, Dr. Michael Zins, Dr. Ingolf Voigt.