

FRAUNHOFER IKTS IN FIGURES



Budget and income

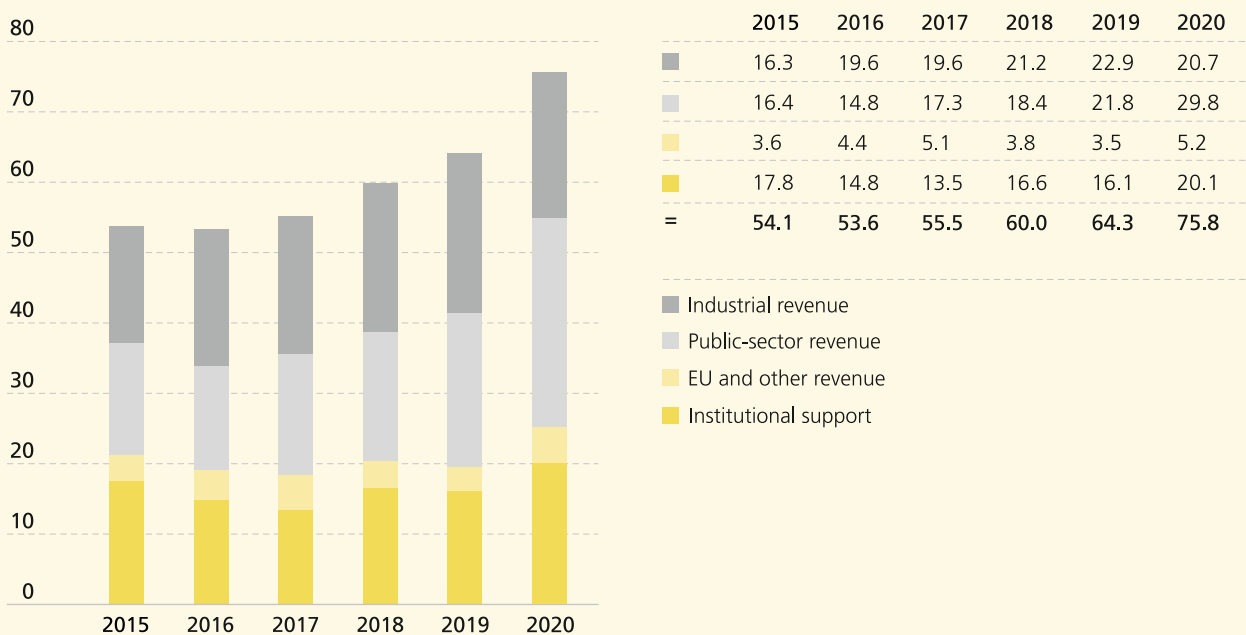
With 75.8 million euros, the total budget of Fraunhofer IKTS for 2020 exceeds the previous year's level by 11.5 million euros. At 13.2 million euros, the volume of investments has more than doubled. All in all 55.6 million euros of external income was raised. On account of the difficult situation faced by industry partners due to the Coronavirus pandemic, industry income has shrunk by 2.2 million euros, standing at 20.7 million euros for 2020. We are pleased that approx. 50 % of jobs still come from small and medium-sized companies. In the German Free States of Saxony and Thuringia, we were able to increase income by almost 300,000 euros to reach 3.9 million euros. All in all however, the pandemic still leads to a significantly reduced project demand and to many launch dates being pushed back. Jobs from outside Germany shrunk by 30 %, to 4.5 million euros. Strong partner countries, such as China and the US, were particularly affected, with orders and assignments receding by 40 %. As in the previous year, the volume is distributed among 30 different countries. Currently, approx. 8 % of the industry income from abroad comes from the United Kingdom. The trade restrictions which have been discussed so far will only have a limited impact. However, more remarkable effects will be felt from 2021 for scheduled EU projects.

A positive development is that the funding of projects by German federal states has increased in Thuringia (1.3 million euros) as well as in Saxony (4.6 million euros). In total, the various federal states support projects with a volume of 7.3 million euros. Income from EU projects was 2.5 million euros, meaning that their share in the overall volume has once again increased. The volume is expected to increase over the coming years owing to projects at the Forchheim site.

In particular thanks to long-term strategic decisions, IKTS has grown significantly and accepted a clear mission for growth, complicated to some degree by the consequences of the pandemic.

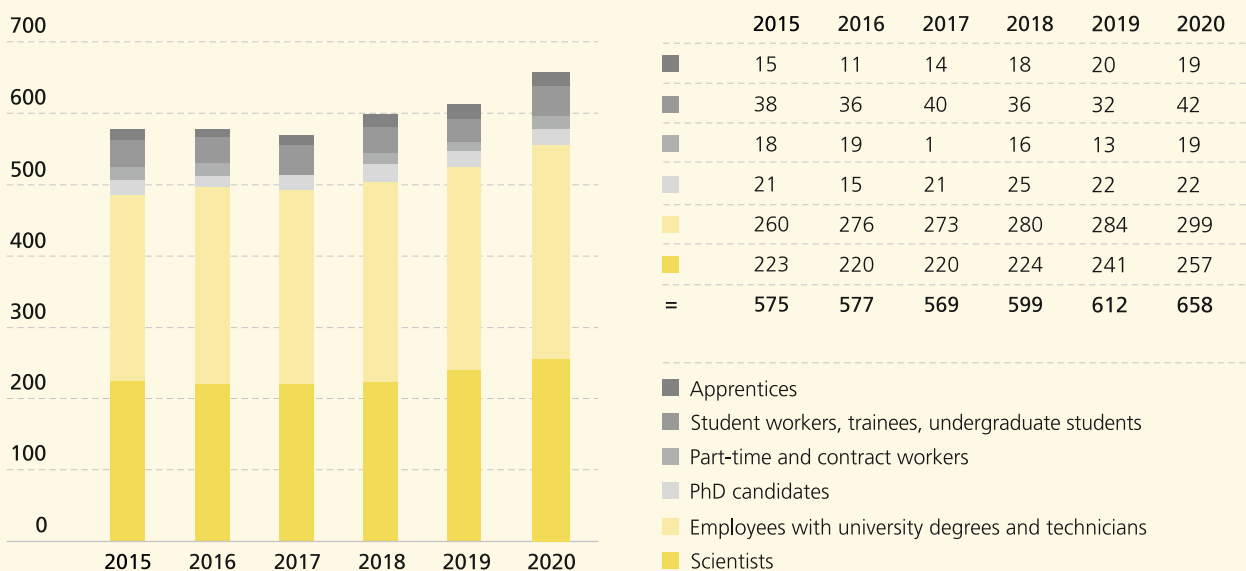
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Revenue (in million euros) of Fraunhofer IKTS for the budget years 2015–2020



Personnel developments at Fraunhofer IKTS

Number of employees 2015–2020, full-time equivalents, personnel structure on December 31 of each year



The disparate costing approaches applied by the various funding bodies constitute another challenge. These disparities lead to insecurity when determining billable costs and financial planning. In the medium term, the Fraunhofer-wide introduction of SAP's ERP system is expected to alleviate this issue. IKTS is well-positioned to meet the existing requirements and contribute to designing the new tools.

Human resources development

A total of 800 staff members work at the various IKTS sites. The institute's family-friendly structure allows many young mothers and fathers to work part-time if they wish. For increased comparability, the different groups are represented as full-time equivalents (FTE) in the illustration. The number of scientists has increased by 16 positions and is now at 257. Also, the number of technical assistants has increased to 299. Doctoral theses continue to be written by employees in the context of PhD positions focused on a particular area, as well as in the context of project-related activities close to industry. Encouragingly, the number of students now corresponds to 44 FTE, up by more than 12 FTE, or more than 40 persons. All trainees were hired after completing their program.

Fraunhofer IKTS as an employer remains well positioned in the marketplace. Despite the pandemic, HR services were able to reach many students and future employees by participating in online formats.

Expanding the infrastructure

The infrastructure was expanded in the context of long-term projects and with the strong support of the federal states of Saxony, Thuringia and Lower Saxony. The new sites are presented in detail in the annual report.

The existing "head offices", however, also benefited from expansion efforts. For instance, the pilot center for powder synthesis and extrusion in Hermsdorf was completed in November 2020 and is expected to open in the Summer of 2021. Furthermore, the Hermsdorf site saw the construction of the lab for the optical characterization of powders and components and of an innovative powder synthesis plant with an overall volume of more than 1.3 million euros.