

Fraunhofer IKTS in figures

Budget and income

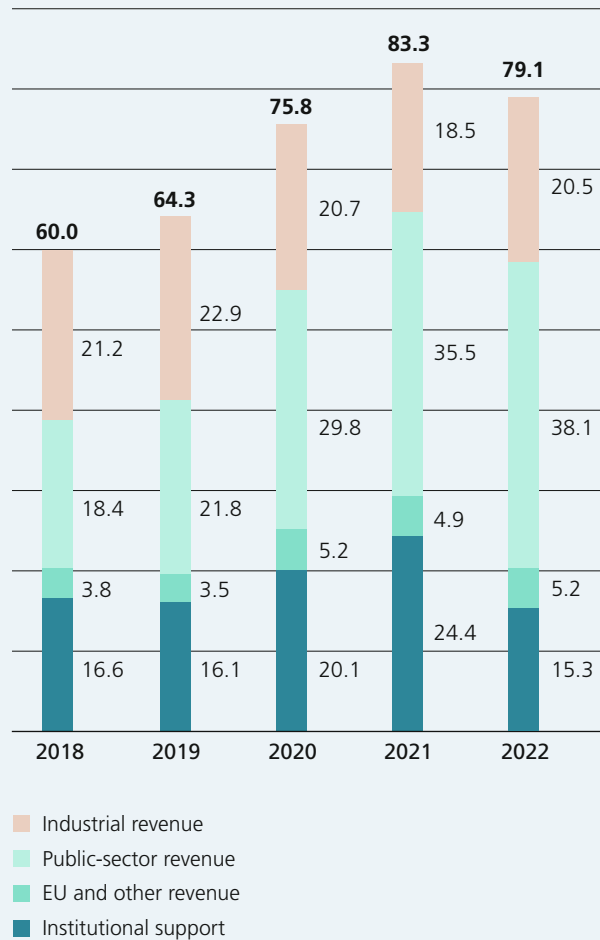
The institute looks back on a very successful year 2022. However, projects are also delayed at Fraunhofer IKTS due to the current world situation. In particular, challenges in the purchase of raw materials and equipment are a major reason that the total budget decreases slightly to about € 80 million. With an investment volume of more than € 11 million, the strategic work areas could nevertheless be further expanded. Through funding in Saxony for the Freiberg site, the Fraunhofer THM was further extended. The states of Bavaria and Thuringia are focusing on investment support in Forchheim and Arnstadt.

According to current projections, projects for € 20.5 million were processed under direct industrial contract. Of this, € 11.8 million is attributed to the headquarters in Dresden-Gruna, € 3.3 million to the Dresden-Klotzsche cost center and € 5.5 million to the Hermsdorf cost center. In terms of the operating budget of € 68 million, this represents an increase of 2 % or € 2.1 million compared with the previous year. It is very pleasing to note that the number of multi-year industrial projects is increasing significantly. Energy and environmental technology projects in particular play a major role here.

Public revenues increased by € 2.8 million to € 38.1 million. Here, the institute continues to benefit from the successful applications of the last three years. However, there has been a significant reduction in available bids with a simultaneous decline in the general success rate. The project situation in 2024 will certainly be strongly influenced by this.

Price increases in the energy sector in 2022 were essentially still limited by existing contracts. The cost explosion in the area of heat supply was countered by consistent savings. At the level of the Fraunhofer Institute Center Dresden, as much as 15 % district heating capacity was saved. In connection with the new framework agreements for energy supply and the expected tariff increases, cost rate increases cannot be avoided in 2023. In connection with the ongoing projects and the cost rates already agreed in previous price years, there will be further burdens on basic funding. This will reduce the scope for in-house research projects.

Revenue (in million euros) of Fraunhofer IKTS for the budget years 2018–2022*

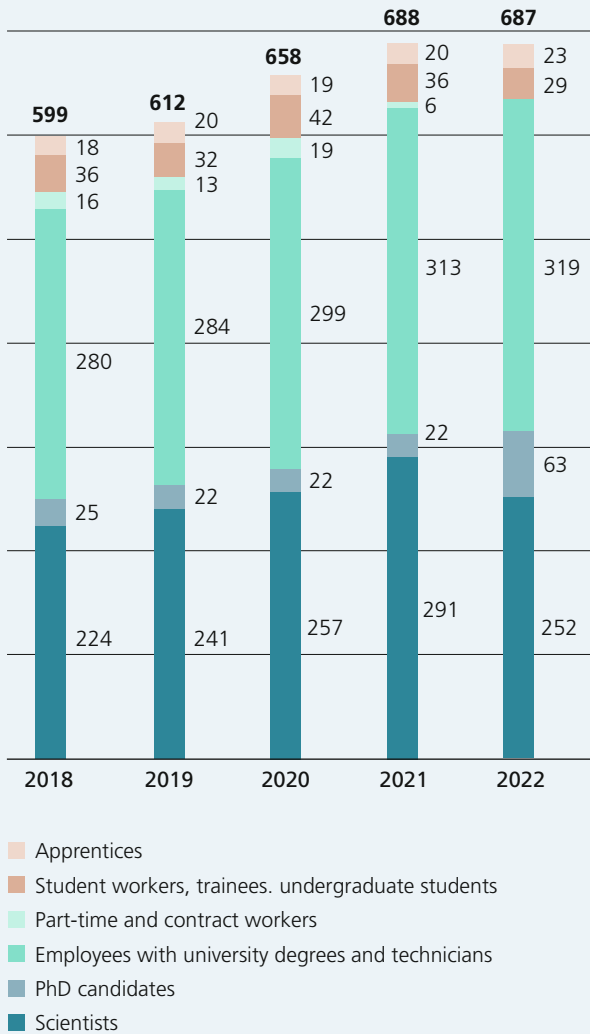


*Revenue projection 10.03.2023

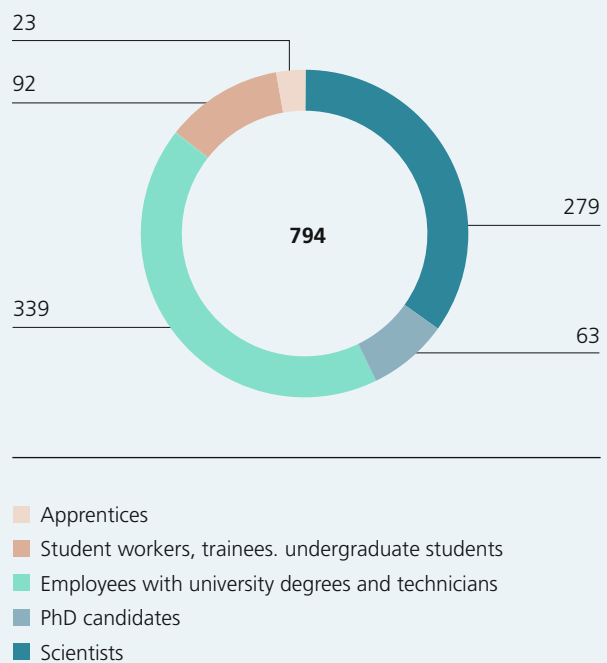
Human resources development

A total of 794 people are employed at the IKTS sites. Work-life balance is a criterion that has become much more important. In all areas, many of the employees choose part-time models. The flexibility to adjust contracts according to individual needs is an important reason for starting at Fraunhofer IKTS. Under the current cost developments, the model of the classical PhD contract in a 50 % part-time model is no longer attractive. Therefore, doctoral studies are increasingly carried out in higher employment rates of up to 100 %. The capacity is dynamically adjusted to the project tasks. The different full-time equivalents are shown in the figure. In the two groups, the total number of scientists has increased by 2. Unfortunately, the number of employed students and diploma students has decreased from

Personnel developments at Fraunhofer IKTS – Number of employees 2018–2022, full-time equivalents



Number of employees of Fraunhofer IKTS in 2022, headcount



103 to 92 at the same time. The connection of further chairs of the TU Bergakademie Freiberg will improve the access for students in 2023. Students of economics now also find topics at Fraunhofer IKTS. It is also worth mentioning that training is increasingly provided in the dual teaching mode. With a total of 23 trainees, the institute also makes an important contribution here and will benefit from its own junior staff in the future.

Fraunhofer IKTS as an employer is well positioned in the market so far. Nevertheless, the acquisition of employees in the scientific and increasingly in the administrative area remains one of the major challenges.

Expanding the infrastructure

An enormous challenge is the introduction of SAP. The system went live on January 10, 2022. This has created a considerable burden in all areas, which has had to be absorbed by increasing staff numbers. Due to the enormous complexity, potential savings and efficiency gains cannot be expected until 2024. The expansion of the technical infrastructure, especially at the Freiberg, Forchheim and Arnstadt sites, has already been presented by Prof. Alexander Michaelis. Thus, IKTS is very well positioned, especially for the large industrial network projects.