

Fogra in brief 2019

with declaration of membership



Research _
Testing _
Certification _

Facts and figures

Fogra Research Institute for Media Technologies

The objective of Fogra Forschungsinstitut für Medientechnologien e.V. (Research Institute for Media Technologies) is to promote print engineering and its future-oriented technologies in the fields of research and development, and to enable the printing industry to utilize the results of this activity. To this end the association maintains its own institute, with about 50 staff members including engineers, chemists and physicists.

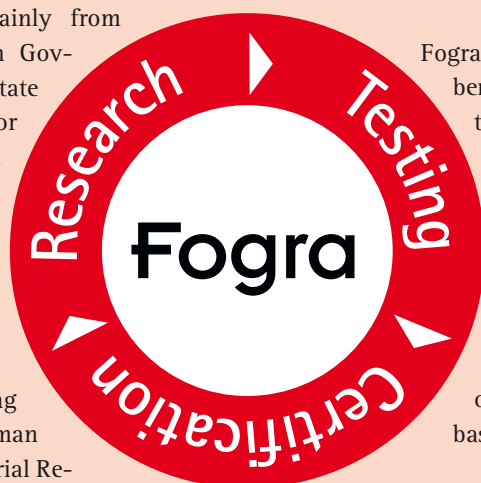
In the following, you will find the most important information about Fogra.

The current budget is approximately € 4.5 million. About 20 % of this is made up of membership fees.

Research grants mainly from the Federal German Government and the state of Bavaria account for roughly 30 %, with the principal share coming from the Federal Ministry of Economics and Energy for the support of "Industrielle Gemeinschaftsforschung (IGF)" via the German Federation of Industrial Research Associations (AiF).

About 40 % of the revenues are generated from other Fogra activities. These consist of technical reports, contract research, the sale of quality control devices and different vocational trainings.

The remaining revenues are made up of donations and other receipts. The donations are usually equipment or printing papers for research purposes.



Fogra has about 800 members. About two third them are graphic art businesses operating in fields ranging from prepress through to book-binding, while the remaining third are suppliers. A third of the members are based outside Germany.

The Technical Committees, responsible for various specialist topics, are a central part of Fogra. In these committees, specialists from printing businesses, and Fogra staff, define industry problems which are to be studied. The progress and results of work are also discussed at >>

STRUCTURE OF THE ASSOCIATION

Members

→ About 800 members

Technical committees

- Prepress
- Conventional printing technologies
- Digital printing
- Postpress
- Functional products & identity cards
- Ink, paper & environment

Executive committee

- Stefan Aumüller (Chairman)
Aumüller Druck
GmbH & Co. KG
- Markus Appl
(Deputy Chairman)
appl druck GmbH & Co. KG
- Dr Bernhard Buck
Heidelberger
Druckmaschinen AG
- Reinhard Plaschka
Giesecke + Devrient Currency
Technology GmbH
- Dierk Schröder
Kroha GmbH
(Treasurer)
- Matthias Tietz
Rheinisch-Bergische
Druckerei GmbH

CONTACT

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» the Committee meetings. Thus the Committees fulfil a creative and a monitoring function. At the same time they characterise the work style of a collective research institute which meets the needs of the printing industry.

Research and development

The printing industry is dominated by medium-sized companies and these differ from each other in their market objectives and in their production processes. The same holds true for their interests in co-operating with Fogra and is reflected in the multiplicity and diversity of our research projects. The focus of the research departments is shown in the figure vis-a-vis.

Besides the 30 or so projects actually being worked on each year, the results of a further 10 that have been concluded need to be disseminated, whilst funding for a similar number for the following year needs to be applied for.

The range of these projects cannot easily be captured in a few brief words and so here are just a few highlights:

For instance Fogra developed the “ProcessStandard Digital (PSD)” in close cooperation with the members of Fogra’s Digital Printing Working Group. This standard shall ensure a high production quality and a smooth production flow for companies. It is also possible to obtain a certification from Fogra or its partners when working by this standard. The free handbook ‘ProcessStandard Digital’ has been downloaded in the meantime from Fogra’s website more than 3,000 times.

Besides newer themes, such as research projects in the areas of RFID technology and digital proofing and printing, Fogra of course continues to work on the foundations of conventional technologies. Examples of such projects include the ‘Investigation of standardized viewing cabins in relation to high quality softproof matching’, ‘Methods to compensate the differ-

ences between proofing and production stock’ or ‘Optimizing the inline measurement in sheet-fed offset machines’.

Further developments of traditional production methods or changes in workflows often require investigation in order to limit possible errors.

Development work is particularly closely tied in with research and the emphasis here is on quality control aids such as control strips or test forms for various

parties to a dispute agree to settle it out of court on the basis of a Fogra expert opinion.

Fogra’s testing and certification programme is much in demand. Based on the results of current research and standards, it allows the high quality achieved by our members to be documented both internally and externally. Such services include ProcessStandard Offset or ProcessStandard Digital certification and the certification of proof printing systems. Internationally operating “Fogra Partners” allow close-by consultancy. Fogra’s tests of cleaning and washing agents on behalf of the machine manufacturers are also recognized worldwide. The range of consulting has been extended to energy efficiency and mineral oil free printing.

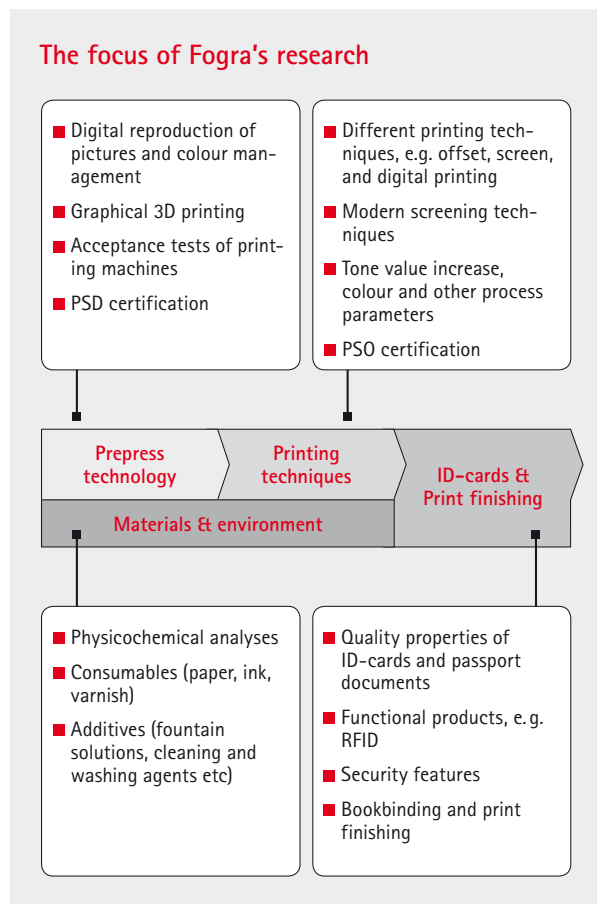
Fogra also has a laboratory for testing the resistance of identity cards, driving licences, bank and other cards to various external influences such as light, UV radiation, mechanical, chemical or climatic stresses. The results gained from research and development projects often lead to new control devices. They are both essential production components for industry and also measurement tools for research work. The free Fogra Softproof Handbook, based on the Fogra research project “Setup and evaluation of a softproofing system”, is still very popular. The German and English version of the handbook has been downloaded more than

40,000 times from Fogra’s website.

Knowledge transfer and training

Knowledge transfer is a central task for our research institute. If the results of research are not published or presented then they have no public existence. Mere publication by itself is not enough. It is only when companies are aware of and use the results that they become relevant.

As the transmitter, the research institute needs to tune itself to the receivers of companies in the industry. Fogra transfers knowledge through a variety of publica-



printing processes, enabling the industry to rationalize production whilst achieving enhanced and more reliable quality.

Consultancy, testing and control devices

The consultancy, testing and expert opinion services offered by Fogra are of immediate use to the printing industry.

On the one hand, close contact with Fogra ensures that a company keeps abreast of developments, whilst, on the other hand, considerable expense is avoided if, as happens several hundred times a year, the

tions, talks, consultancy and training activities and symposia.

Committees and standardization

Fogra protects and promotes the interests of its members in the field of standardization through its involvement in numerous standards committees. Two of Fogra's staff members lead for example work groups of the Technical Committee 130 (Graphic

Your contacts in the research institute

Managing Director and Director of the Institute

Dr Eduard Neufeld

Research and Development

Prepress
technology Dr Andreas
Kraushaar

Printing
techniques Jürgen
Gemeinhardt

ID-cards &
Print finishing Arne Müller

Materials &
environment Dr Philipp Stolper

Public Relations

Rainer Pietzsch (Dep. Managing Director)

Technology) with the International Organization for Standardization (ISO). The tasks of these span standardization in the areas of Prepress data exchange, Process control and related metrology, Media and materials, Environmental impact of graphic technology and Postpress.

Fogra yesterday and today

The past has seen a number of interesting achievements. In the fifties the first task was to develop the test devices that would allow scientific understanding to replace a rule of thumb approach in our industry. As far back as 1954, Fogra launched its specimen printing device – now prüf-bau – and the abrasion resistance tester at drupa. This opened up the possibility of reproducibly investigating the interaction between ink and paper. The 1970 Fogra machine densitometer stands out from a series of further developments through its fundamental contribution to the automation of printing. 1981 saw the appearance of the first bvdM/Fogra standardization

handbook and in 1992 Fogra was instrumental in the founding of the International Color Consortium (ICC), with which it has continued to work and whose activities have led to modern colour management. A symposium held on that subject attracted in 2018 participants from 24 countries.

These are just a few examples of the significant role Fogra is playing in the industry.

A look through the records also reveals the continuity of the services provided by Fogra. Today, press acceptance is one of the services most in demand from the industry but the first agreement covering the requirements and tolerances for flat forme, letterpress machines dates back to 1959.

Fogra has also made important contributions in the field of standardization and above all in the colorimetric specification of the standard inks. It is an indication of how close Fogra's activities in the field of environmental protection are to the needs of industry that the first research project in 1951 also led to the first anti set-off powder that was not harmful to health. «

It pays to be a member of Fogra!

Fogra members are the motivation for the consistent practical orientation of our research. As a result they profit quickly and directly from the knowledge gained.

Your benefits as a Fogra member:

The edge in knowledge

- You have a **'hotline'** to **Fogra specialists**: Call us, tell us your membership number and you will receive **quick, competent support** for minor queries **free of charge** on the phone.
- All the latest abstracts of **Fogra research reports and 'Fogra News'** are sent to you in printed form free of charge.
- On request you will receive Fogra publications – such as the unabridged Fogra research reports (in German) – free of charge.
- If you are interested in **ongoing research projects**, you can cooperate with us and are thus part of the progress process as it happens.

Services and products

As a result of the lower administrative costs we incur in delivering services to members, we are able to offer our members inter alia this **price reductions**:

- As a member of Fogra, you will receive a **30 % discount on Fogra's hourly rate on all consultancies, tests and expert opinions** (costs of any materials, for travel and equipment required is excluded).
- You **save 30 %** when taking part at any Fogra **symposium** and most of its **trainings**.
- Purchasing Fogra control devices or equipment, we also make an **allowance of 30 %**.

DECLARATION OF MEMBERSHIP

Hereby I/we join Fogra Forschungsinstitut für Medientechnologien e.V., Einsteinerring 1a, 85609 Aschheim, Germany, as an ordinary/associate member:

Company

Street

Country, post code, city

Telephone

E-mail

VAT no.

Contact person

Direct dial

E-mail

E-mail for invoicing

Number of employees

In exchange for Fogra performing its tasks, I/we undertake to pay an annual dues in the amount of €

Date, signature, company stamp

Please send this document in an envelope to Fogra, attn: Magdalene Glatz.

Tax

The last notice of exemption (tax office reference no. 143/215/00707) which the Tax Office for Corporations, on 7 March 2018, sent to Fogra Forschungsinstitut für Medientechnologien e.V. (Research Institute for Media Technologies) acknowledged that Fogra serves scientific aims be-

Fogra membership dues

The basic annual dues are at present only € 1,283.00. The additional dues are at present only € 1,076.00. Valid from 1 January 2019. Valid is the calendar year.

| No. of employees up to | Annual dues |
|------------------------|-------------|
| 100 | € 1,283.00 |
| 200 | € 2,359.00 |
| 300 | € 3,435.00 |
| 400 | € 4,511.00 |
| 600 | € 5,587.00 |
| 1,000 | € 6,663.00 |
| 2,000 | € 8,815.00 |
| 3,000 | € 10,967.00 |
| 4,000 | € 13,119.00 |
| 5,000 | € 15,271.00 |
| ... | |

cause it promotes research in the graphic arts industry. In accordance with § 5 Section 1 Item 9, Fogra was thus exempted from corporation tax. In accordance with § 10b of the German Income Tax Law, subscriptions and donations paid to Fogra Forschungsinstitut für Medientechnologien e.V. are tax-deductible:

§ 10 b Purposes entitled to tax relief

Payments made to assist charitable, ecclesiastical, religious, scientific, and governmental political purposes, and also non-profit purposes which are acknowledged as especially worthy of support, are deductible as special expenditure up to a total of 5% of total income, or 2% of the total of overall turnover and of the wages and salaries paid in the calendar year. The percentage rate is increased from 5% by a further 5% in the case of scientific and governmental political purposes.

Extract from the bylaws

dated 16 February 2017

§ 5 Eligibility for Membership

- The following may become and remain ordinary members of Fogra:
 - natural or legal persons or associations of persons that are owners of a commercial company.
 - federations.
- Natural or legal persons or associations of persons that do not or no longer fulfil the eligibility requirements for ordinary membership may become and remain associate members of Fogra.

§ 6 Cessation of Membership

- Resignation may only take effect at the close of a financial year subject to 6 months notice having been given. The resignation must be made in writing to Fogra.

§ 8 Obligations of Members

- Those members specified in § 5 paragraph 1 a) shall pay the basic annual dues together with additional dues, the amount of which shall depend upon the number of employees.
 - Companies with up to 100 employees: the basic annual dues.
 - Companies with more than 100 employees shall pay the basic annual dues plus
 - one set of additional dues for companies with up to 200 employees
 - two sets of additional dues for companies with up to 300 employees
 - three sets of additional dues for companies with up to 400 employees
 - four sets of additional dues for companies with up to 600 employees
 - five sets of additional dues for companies with up to 1,000 employees
 - In addition to the above scale, companies with more than 1,000 employees shall pay two sets of additional dues for every further 1,000 employees or part thereof.

For the purposes of this provision a company is the entire company including all associated parts of the company and business. Employees in a part of the company that has no commercial interest in the areas of the printing industry, its supply industry, the paper converting industry or the communication industry shall be excluded.

(Associate members, e.g. schools, pay one third of the basic annual fee.)

IMPRINT



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