

Organization

Svenska Teknologföreningen is the central organization in Sweden for engineers, architects and surveyors graduated from a recognized institute of technology.

Svenska Teknologföreningen comprises the following societies of engineers and other professional organizations.

The Swedish Society of Mining and Metallurgical Engineers

The Swedish Society of Electrical Engineers

The Society of Technical Physicists

The Swedish Society of Chartered Surveyors

The Swedish Society of Mechanical Engineers, Naval Architects and Aeronautical Engineers

The Swedish Society of Civil Engineers

The Society of Swedish Architects

The Association of Teachers at Technical Colleges

General Section of the Swedish Association of Engineers and Architects

In the furtherance of the aim Svenska Teknologföreningen shall help to see to it that the work of the member organizations is coordinated in accordance with the Association's objects and shall represent the member organizations in matters of joint interest.

In principle, the professional divisions correspond to the faculties of the educational institutes. Within the Association are also special sections for activities which cannot be bounded by the accepted divisions. These are:

Graphic Arts Section

Industrial Engineering and Business Administration

Nuclear Engineering Section

Section for System Engineering

Technical Education

Svenska Teknologföreningen is a century-old institution, with a membership now exceeding 18,000. As a result of the planned expansion of the educational institutes, this figure is likely to be doubled during the next ten years.

SVENSKA TEKNOLOGFÖRENINGEN

THE SWEDISH ASSOCIATION OF ENGINEERS

AND ARCHITECTS

TILHÖR ARKIV STF

Utfärd./Ank. 6.7.1971

Kodnr 28
Makuleras Dok

Svenska Teknologföreningen Aims and activities



Ingensjöhuset, Malmkillnadsgatan 48 A, Stockholm, with the Association's secretariat and other sectors of activities including restaurant (open to the public). Office hours 8.15 to 4.30

Mailing address:

SVENSKA TEKNOLOGFÖRENINGEN
Box 40 116, 103 43 STOCKHOLM 40

Telephone: 08/14 20 00 Telex: Inghus S 174 54

Aims of the Association

The primary aim of the Association, as set forth in its statutes, is "to work for the development of the science of engineering in the service of humanity and society by promoting speedy, balanced progress which has regard to man and his environment".

Outstanding means to this end include:

Steadily trying to find better and more clearly defined goals for technical development.

The promotion of advanced technical education and enlarged and intensified engineering capabilities together with an improved understanding of man's dependence on his environment.

Consolidation of the engineer's standing in society.

Bringing about and encouraging the exchange of experience and knowledge not only among engineers, but also between technologists and society in general.

Making known the efforts and achievements of engineers and the conditions and attitudes governing technical development.

Influencing developments

As representative of the engineering profession, Svenska Teknologföreningen is frequently called upon to give evidence and opinions in regard to proposed legislation and other public measures with a technical aspect. The subjects thus covered range for example from education and research to regional planning and the scrapping of old cars.

This activity is one way in which development of society is influenced. However, it is a principal task of the Association to take initiatives in indicating how technology can assist in promoting progress in the service of man and society. The activities are based on the cooperation of the Association's members in committees etc. which are appointed to deal with social problems having technical aspects, where the Association believes that results can be attained with the available resources. Such social activities can be carried on in various forms. As a rule there are no permanent committees or the like; these are dissolved when their function is completed.

The Association is constantly striving to draw the attention of decision-makers and the public to important technical matters which substantially affect the development of society. Thus the Association's program includes regular meetings with members of parliament. Technologists and politicians must closely collaborate to ensure that the course of technical progress is directed towards goals which take account of human beings and their environment. Effective control demands development of cooperation and in this respect the work of the Association could best be described as technological assessment.

Certain studies undertaken within the Association have resulted in proposals for setting up bodies and institutions of subsequently proved value to society. One such organ was the Steam Plant Association—especially important in Sweden, where all fuel has to be imported. Other examples are government commissions on the problems of higher education and research, the National Defence Research Institute and the Technical Museum. In another sphere, the regulations for construction contracts worked out by an Association committee have eliminated the necessity for introducing complicated legislation.

Publications

The Association issues several publications. These include the polytechnical periodicals *Teknisk Tidskrift* (Technical Review) and *Ny Teknik* (Technical News), trade papers such as *Elteknik* (Electrotechnics), books on special subjects and coursebooks.

Teknisk Tidskrift was started in 1870 and has been the Association's official organ since 1878. It is published 20 times per year—totalling 1872 pages and with a circulation of about 23,000 copies. The editorial material covering all facets of engineering, is carefully sifted and checked by specialists and presented in a manner suited to the readership—in concentrated, professionally factual form. It is the aim of *Teknisk Tidskrift* to give technology and technologists their proper place in today's society, and important matters concerning technology and society are discussed and explained in editorial and other articles.

Ny Teknik is published 42 times per year—with a total of 1164 pages. Circulation is about 93,000 copies, and it is distributed to most of the country's technologists. *Ny Teknik* aims at wider readership with technical news and reports. It covers all aspects of engineering in a highly concentrated form and is filled with up-to-date news and lively features.

Teknisk Tidskrift and *Ny Teknik* are important vehicles for technologists in matters of public debate, and both publications are frequently quoted in the daily press.

Since 1968 the Association has also been publishing books in the "Teknik och Samhälle" (Technology and Society) series. These present reports and proposals from the Association and have so far dealt with "Continued Education for Engineers", "Sweden Tomorrow", i.e. national planning with new technique "The Benefits of Technology" and "Purer Water".

Educational Activities

An especially important activity is the organization of courses and seminars for the dissemination of engineering knowledge among practising engineers. About 100 courses per year are held, with a total attendance of some 7,000. Attendance is not confined to individuals with the qualifications necessary for membership of the Association. The courses are also open to graduates from technical institutes, and even to persons without formal qualifications, provided they have the necessary knowledge.

In principle these courses are intended to disseminate knowledge that is not normally obtainable at an educational institution. Their main object is to provide a superstructure to previous studies—by giving information on new developments and methods, by providing supplementary knowledge in fields that are only summarily treated in educational schedules, and supplying courses in applied technology for which the resources of the educational institutions are inadequate.

The courses are highly concentrated, employ modern teaching methods and last from one to five days. The individual courses are arranged in collaboration with other specialized technical organizations.

The following extract from the program may demonstrate the great variety of available courses.

- Pert/CPA network planning
- Technology of welding materials
- Design and operation of traffic lights
- Atmospheric pollution from industry
- Food freezing techniques
- Current foundry practice
- Land valuation for development
- Ventilation plants and their function
- Laminated wood structures
- Rock blasting technique
- Designing for admission or exclusion of solar heat
- Safety and electrical interference in hospitals
- Law for technologists