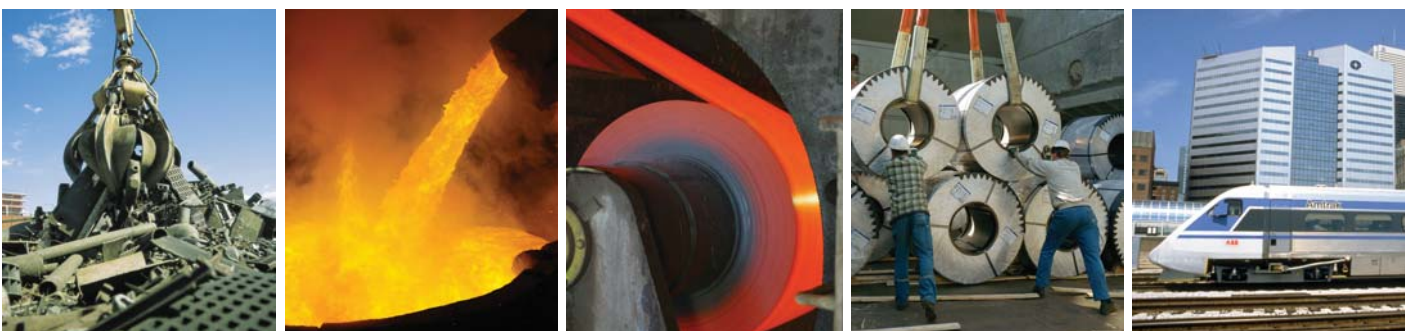


JERNKONTORET

Serving the iron and steel industry since 1747

Jernkontoret, the Swedish Steel Producers' Association, safeguards the interests of the Swedish steel industry through working actively to ensure the best possible operating conditions for the industry in Sweden.

Steel is at the core of today's technically advanced, research-intensive industry where Sweden is a world leader in several areas.



Jernkontoret

– the Swedish steel producers’ association

Jernkontoret, also known as the Swedish Steel Producers Association, looks after the interests of the Swedish steel industry in the broadest sense. It represents the industry on issues covering trade policy, research and education, standardisation, energy and the environment as well as specific issues relating to taxation and duties.

The steel industry’s labour relations are conducted by Employers’ Association of the Swedish Steel and Metal Industry, a member of the Confederation of Swedish Enterprise.

Jernkontoret has been delegated tasks relating to Sweden’s participation in organisations for international co-operation within the steel area such as World Steel Association and Eurofer, the European Steel Association.

Extensive technical research is directed and run by Jernkontoret in co-operation with the steel companies in the Nordic area. In the EU also, Jernkontoret co-operates on important steel research projects. In addition, Jernkontoret compiles industrial statistics and carries out research into the history of mining and metallurgy.

Steel companies are broadly represented on the different committees and councils that work within Jernkontoret and thereby play an important role.

Councils and committees

- Energy council
- Research and education council
- Environment council
- Product ecology council
- Standardisation council
- Information and recruitment group
- Historical metallurgy group

THE STEEL INDUSTRY
“THE SOCIETY OF IRONMASTERS”



JERNKONTORET'S BOARD



PRESIDENT OF JERNKONTORET

INTERNATIONAL AFFAIRS
RESEARCH & EDUCATION
ENERGY & ENVIRONMENT
INFORMATION & MARKETING
ECONOMY & ADMINISTRATION

Influence

Opinion

Marketing

Information

Provision
of skills

Research

Industry
monitoring

About twenty-five persons carry out the day-to-day work of Jernkontoret. Its offices are located in its own building in central Stockholm.

Structure and ownership

Jernkontoret was founded back in 1747. Since that time it has been owned by the iron- and steelworks that engage in – or have engaged in – iron and steel manufacture. This co-partnership on the part of an iron- or steelworks may not be liquidated but only ceases when operations are shut down and the partnership stake is then transferred to another works carrying on iron and steel manufacture. The

members of Jernkontoret pay a basic fee, the so-called “Jernkontorsdalem” – unchanged since 1747 – that gives voting rights. The co-owners exercise their influence over Jernkontoret through the “The Society of Ironmasters” (Bruks-societeten) that corresponds to the annual shareholders’ meeting in a limited company. The members appoint the council, which thereby constitutes the Jernkontoret board.

Just over 180 works are recorded as co-owners of Jernkontoret but the majority of these are inactive. In the course of time, not least over the last thirty years or so, production of steel has been concentrated in fewer and larger companies. Nowadays operations directly related to steel manufacture are carried on in some 20 or so localities. The companies pay an annual service fee that funds parts of Jernkontoret’s activities.



The Jernkontoret building

The International Affairs Department monitors and looks after the Swedish steel industry’s interests in relation to commercial policy issues. The department also produces statistical information and steel market predictions.

Department of Research and Education administers the joint Nordic steel research programmes and co-ordinates Swedish participation in EU research. The department also promotes the industry’s interests on issues relating to such areas as research financing and higher education courses.

Department of Energy and Environment monitors and safeguards the industry’s interests on issues relating to energy, climate and the environment as well as associated taxation and levies, both national and international.

Department of Information and Marketing highlights the role of steel, the Swedish steel industry, Jernkontoret and its operations. The department supports the industry’s long-term provision of the requisite skilled personnel. It is also responsible for Jernkontoret’s web site, library and archive as well as the metallurgical history activities.

Department of Economy and Administration is responsible for Jernkontoret’s economy, financial administration, personnel issues, conference premises, office services and property administration.

Jernkontoret's activities

International affairs

Jernkontoret's international department is responsible for monitoring and looking after the Swedish steel industry's interests in the area of international commerce.

Jernkontoret maintains close contacts with the National Board of Trade, the Ministry of Foreign Affairs and the Ministry of Industry, Employment and Communications. These government departments require information and reports, for example in connection with Sweden's negotiations with foreign bodies on issues relating to the steel industry. Special attention is paid to developments in the WTO and the liberalisation of world trade. Jernkontoret co-operates closely with Eurofer and the Confederation of Swedish Enterprise.

The department also produces and analyses statistical information relating to the steel industry.

Research and technology

Jernkontoret's department of research and education supervises the joint Nordic steel research and also assists Swedish participants in European steel research in respect of questions concerning guidelines and applications. In addition, Jernkontoret also monitors and takes charge of joint technical issues for the industry.

This joint steel research is run within Jernkontoret's fourteen technical areas. These cover the spectrum of steel production from raw material to finished material, material characteristics, testing and areas of application. Energy research also comprises an important component of these research activities.

Jernkontoret's technical areas (TO)

- TO 21 Iron-based metallurgy
- TO 23 Electric arc furnace technology – ladle metallurgy
- TO 24 Casting and solidification
- TO 31 Strip & plate
- TO 32 Bar & profile
- TO 33 Wire
- TO 34 Tube
- TO 41 Steel development and applications
- TO 43 Stainless steel
- TO 44 Non-destructive testing
- TO 45 Analytical chemistry
- TO 51 Energy & furnace technology
- TO 55 Steel production residues
- TO 80 Powder metallurgy

The research is carried out at research centres, certain higher education institutions and at the steel companies themselves in the Nordic countries.

In 2010 these research activities had a turnover of SEK 263 million of which 45 per cent comprised payments from Jernkontoret, companies and state grants. The remaining part was made up of the companies' inputs in kind which are an important link in the contacts between higher education and the companies. This close co-operation is also an effective instrument in converting the research results into practical applications within the steel industry.

Energy, climate and environment

Jernkontoret's department for energy and environment monitors and safeguards the industry's interests in energy and environmental matters as well as associated taxation and levy systems, both nationally and internationally.

Jernkontoret is an important body referred to for consultation on energy and environmental matters.

Inside the EU, Jernkontoret operates in the first instance through Eurofer but also through direct contacts primarily with Government Offices of Sweden and Swedish members of the EU parliament.

The joint-industry monitoring takes place with the aid of member companies' energy and environmental experts in groups where a continuous interchange of knowledge and experience takes place. Collaboration also takes place with organisations in related industries and the Confederation of Swedish Enterprise as well as with Jernkontoret's technical areas.

Education and information

With the support of Jernkontoret, among others, a research centre within the area of materials engineering/metal forming has been established as part of Dalarna University in Borlänge. This also includes a national research school in metal forming.

Jernkontoret supports the Royal Institute of Technology (KTH), Dalarna University (DU) and Luleå University of Technology (LTU) at a variety of levels, including funding of professorships, research engineers and recruitment activities. Visit days are arranged each year for upper secondary students to these universities, which offer education of special interest to the steel industry. The pur-

pose is to give an insight into the following Master of Science in Engineering programmes: *Material Design* (KTH, DU) and *Industrial, Environmental and Process Technology* (LTU).

In addition, Jernkontoret produces teachers' aides and other information e.g. books, reports, films, CD's, lectures etc.

Recruitment and scholarships

Jernkontoret supports the long-term provision of skills and works to enhance the industry's image.

In the run-up to the selection of university each spring, marketing takes place of the programmes of special interest to the steel industry. The purpose is to increase the number of qualified metallurgical engineers. To further enhance interest in these programmes, the steel industry, through Jernkontoret, has instituted a number of university scholarships.

Jernkontoret also administers a number of foundations, which provide grants to research and development, education, study trips etc.

Libraries and archives

Jernkontoret's book collections date back a long way. The library includes about 600 metres of shelving covering specialist areas such as the history of mining and metallurgy, research and development, energy, environment and trade policy.

This archive also includes a collection of portraits containing 6,000 portraits of notable personalities in Sweden's industrial history and a collection of 7,000 pictures of Swedish ironworks and mines.

History of mining and metallurgy

Jernkontoret's Historical Metallurgy Group comprises a significant contact point for researchers interested in the history of mining and metallurgy. The history is Nordic in scope and covers all periods in respect of archaeological and historical documentation and research as well as cultural heritage related to all production of iron and also other metals.

Under this group, there is also a sub-committee of experts that monitor developments within the history of mining and metallurgy and initiate new research assignments. The mining history committee also arranges lectures, discussions and field studies.

History of Jernkontoret

The name Jernkontoret (the Iron Office) has been used ever since its foundation back in 1747. The establishment of this organisation as such had been discussed since the 17th century, however.

It was through the book printer and publisher Lars Salvius that the Swedish term for "iron office" finally established its currency in the year 1738.

Previously, names such as "iron company" or "iron society" had also been used. Salvius advocated "iron office" in his contribution to the national economic debate. This was because the term "iron company", which was most widely used at the time, related to a monopolistic and closed organisation and had negative associations.

King Fredrik I established Jernkontoret's first regulations in 1747. This makes it Sweden's – and one of Europe's – old-

est industrial bodies. Under the regulations, Jernkontoret's task was partly to work for reasonable prices for different types of iron and partly to facilitate the financing of the iron trade through paying the interest on the loans that the Riksbank (Sweden's central bank) had offered on weighed iron. Subsequently, all the Swedish ironworks became partners in Jernkontoret.

In the 1760's Jernkontoret acquired the right to carry on its own lending business, a right that is no longer exercised. In formal terms, however, Jernkontoret could claim to be Sweden's second oldest bank after the Riksbank.

Already, during its first year of operations, Jernkontoret initiated the advisory function and research in the technical area that have substantially contributed to the organisation's central position within the Swedish iron and steel industry.

Jernkontoret's seal since its foundation in the 1740's. The two horns of plenty filled with fruits and flowers symbolise richness and abundance. The iron symbol shows that this prosperity is based on a foundation of iron. The box below with its long chain is an emblem of Jernkontoret's banking activities.



www.jernkontoret.se
– your entry into Swedish steel!

Co-operation partners

Jernkontoret co-operates with other organisations institutes e.g. the two steel research institutes Swerea KIMAB and Swerea MEFOS, both of which were established by Jernkontoret.

Other organisations where Jernkontoret is represented include the Swedish Standards Institute (SIS), the Swedish Institute of Steel Construction (SBI), Foundation for the Swedish Environmental Research Institute (SIVL), Swerea AB, the body representing Sweden's energy-intensive base industries (SKGS), The Swedish Welding Commission and The Royal Swedish Academy of Engineering (IVA).

The Jernkontoret building in Stockholm also houses the organisation Industriarbetsgivarna, which is an association of four organisations with focus on industry employers' issues. The secretariat for the Swedish Society of Mining and Metallurgical Engineers is also situated in the building.

Industrial associations with links to Jernkontoret

Bruksindustriföreningen

This association, founded in 1942, represents the Swedish steel industry on issues that are the subject of co-operation between the steel industry and the Confederation of Swedish Enterprise.

Järnverksföreningen

Since 1889, this association has comprised a union of steel producers and wholesalers. The annual meeting, with lectures and discussions on issues of concern to the steel sector, takes place in connection with the annual Hindersmässan fair in the Swedish town of Örebro.

Bergshandteringens Vänner (BHV)

The object of the association, which was founded in 1864, is to maintain interest in mining. The annual meeting, with lectures and discussions on subjects concerning the Nordic steel and mining industries, takes place in connection with the Hindersmässan in Örebro.

The Swedish Society of Mining and Metallurgical Engineers (Svenska Bergsmannaföreningen)

The object of the association is to constitute connections between the members and to support activities which gain mining.

The board have since 1996 the right to issue licence for member to use the Swedish occupational title "Bergsingenjör SBF".

Industry publications

Two periodicals are published in co-operation with Jernkontoret: the scientific and technical "Steel Research International", published by Verlag Stahleisen in Düsseldorf and the Nordic newsletter for the steel, metal and mining industries "Bergsmannen med Jernkontorets Annaler" that includes the annual international issue "Nordic Steel and Mining Review". Bergsmannen is published by Bergsmannens Förlag AB in Stockholm.

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