

CECIMO sees ecodesign as a strategic issue which affects the long-term sustainability and global competitiveness of the European machine tool industry. Therefore, CECIMO has put forward a Self-Regulation Measure (SRM) which offers a flexible, rapid and cost-effective way to reach the environmental performance targets laid down in the Ecodesign Directive 2009/125/EU.

What is the Ecodesign Directive?

The Ecodesign Directive 2009/125/EU of the European Parliament and Council defines ecodesign as “the integration of environmental aspects into product design with the aim of improving the environmental performance of products throughout their whole life-cycle”. The Directive sets the framework for adopting EU-wide measures to improve the design of selected product groups. Typically, the European Commission will adopt specific and tailored mandatory requirements for those product groups. Those requirements are defined on the basis of an individual evaluation study of the product group in question. When mandatory requirements for a selected product group are approved, they must be respected by manufacturers to reduce the environmental impact of products throughout the whole product lifecycle.

How will industry be affected?

The Directive will apply to all machine tools placed on the EU market including imported ones. Manufacturers will have to prove the compliance of the products they place on the EU market with the Directive by a self-declaration of conformity and by affixing CE marking on their products. The

declaration of conformity is a procedure whereby the manufacturer ensures and declares that their product complies with the relevant requirements. The Ecodesign Directive as the European legislation aims at removing the disparities between national legislations on the environmental performance of products. This means facilitating economies of scale, the free movement of machine tools, fairer competition and integration between customers and manufacturers across Europe, in terms of environmental efficiency processes and therefore cost and energy consumption reduction.

Is there an alternative possible to mandatory requirements?

Yes. Next to the mandatory measures adopted by the European Commission as mentioned above, the Ecodesign Directive allows also unilateral commitments by industry to a self-regulation.

What is a self-regulation?

Self-regulation, which can be based on voluntary agreements, is a valid alternative as long as it delivers the policy objectives set out in the legislation faster and in a less costly manner than mandatory requirements.

At EU level, voluntary agreements are concluded between the European Commission and European industry (represented by federations). Industry commits itself by an agreement to achieve the policy objectives laid down in the legislation through self-imposed measures. Credible monitoring and reporting mechanisms must prove the trustworthiness of the methodology that industry uses.

Why does industry opt for self-regulation?

Industry self-regulation will not be bound by mandatory requirements decided at Commission level. This method allows the industry to define their own rules within the framework of the Ecodesign Directive, while structure, products and customer needs are taken into consideration. This means that the industry is in the drivers’ seat when deciding how the directive will be implemented.

CECIMO, as the European federation of the national machine tool builders associations, has set up a SRM as a valuable alternative to mandatory requirements. This gives machine tool builders the chance to choose the most appropriate technological option to achieve environmental performance objectives.

Who is invited to participate?

The SRM is open to all machine tool manufacturers and importers that will place metalworking machine tools on the EU-28 market.

What are the building blocks of CECIMO Self-Regulation Measure?

The CECIMO SRM framework consists of two elements: ‘Self-assessment’ by participating signatories and ‘Management’ by an umbrella institution, called ‘SRM Administration’. These two pillars guarantee that objectives will be achieved, documented and independently monitored.

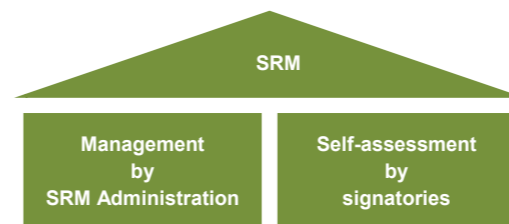
CECIMO SRM covers all metalworking machine tools.

What is the role of SRM Administration?

The SRM Administration ensures operation of the CECIMO SRM and is in charge of all administrative affairs. It will be an independent body responsible for an overall coordination, data handling, communication, promotion of participation, supervision, and reporting.

In particular it will:

- Verify the compliance of a machine tool (product) with the energy-efficiency requirements;
- Verify the compliance of signatories with the SRM guidelines;
- Prove the energy efficiency effectiveness of the machine tool sector;
- Establish a data base for energy efficiency measures;
- Evaluate the effectiveness of single energy efficiency measures and find average means;
- Transfer the assessment of energy efficient measures from individual evaluation to a rule based system by publishing rule based measures.



What is the role of Signatories?

The Signatories are machine tool manufacturers and importers. They will be the cornerstones of the SRM. Their primary task will be to assess the environmental performance of their machine tools and file documentation to the SRM Administration. Self-assessment by signatories will consist of 3 steps:

1 Mandatory step:

Analysis of machine tool energy efficiency during the development/design phase

2 Optional step:

Reflection about the process and environment of machine tool during the development/design phase

3 Additional step:

Support of machine tool user/continuous improvement during the use phase

What's next?

Get in contact with CECIMO or your local National Association for further information about the SRM and participation to it.

CECIMO will alert all interested stakeholders once the SRM is approved and relevant information will be published on the CECIMO website (www.cecimo.eu)

Send us your feedback!

We value your input and welcome any comments by e-mail to: information@cecimo.eu

What are the advantages of the CECIMO SRM in general?

The CECIMO SRM is:

- A sound alternative to mandatory requirements decided by the European Commission.
- Universally applicable for the entire sector.
- Created by the machine tool sector bearing in mind interests and characteristics of its business.
- Transparent and suitable for machine tool sector's special needs.
- Pragmatic and realistic to fulfil by machine tool builders, especially SMEs.
- Desired to increase the ecological performance of the machine tool sector while maintaining the freedom of innovation, minimizing administrative burdens and clearly positioning advanced manufacturing against copycat.
- Open to all machine tool manufacturers and importers who place machine tools on the EU market.
- In line with the philosophy and the procedures suggested in the ISO 14955 series.

What are the advantages of the CECIMO SRM for its Signatories?

The SRM offers its Signatories a number of advantages:

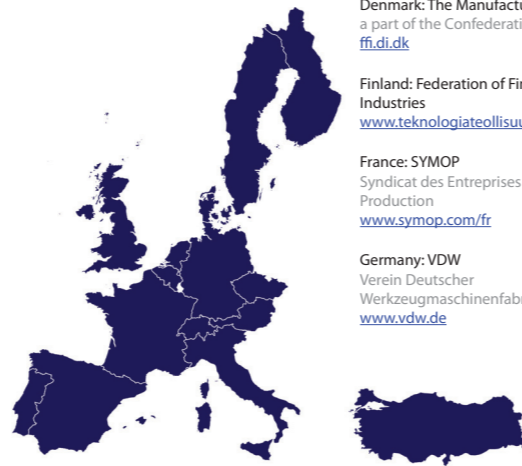
- SRM is an alternative to mandatory requirements.
- Requirements of the Ecodesign Directive are fulfilled.
- SRM Signatories create an elite club of machine tools builders who make superior machine tools, also with respect to energy efficiency.
- Clear evidence for the deep involvement and commitment to energy efficiency.
- Leadership on energy efficiency of machine tools and related know-how.
- Entrepreneurial freedom to choose from several options for measures.
- Minimal administrative burden.
- Self-assessment option eliminates third parties intermediation.
- Technical data of machines and improvement remain with manufacturer.
- Data reported to the SRM Administration remains confidential
- Companies who have already been working on the energy efficiency can report their previous actions and reap benefits of measures already implemented.
- SRM membership offers networking with other advanced stakeholders.

Why will customers prefer machine tools made by CECIMO SRM Signatories?

The SRM offers machine tool users a number of advantages:

- Opportunities for energy and money savings: Machine tools designed under SRM, depending on their typology and processing, will have lower power consumption and environmental impact.
- Sustainability: Machine tool builders complying to the SRM and related standards like ISO 14955 send a clear sign towards sustainability, including security, ergonomics, and corporate social responsibility. These topics all make a difference, even outside the European market.
- Quality: If a machine is produced following the requirements of the SRM and related standards, it is a great proof of the attention and care paid to its design and construction.

CECIMO Member Associations



Austria: FMMI
Fachverband Maschinen & Metallwaren
Industrie
www.fmmi.at

Belgium: AGORIA
Fédération van de Technologische Industrie
www.agoria.be

Czech Republic: SST
Svazu Strojírenské Technologie
www.sst.cz

Denmark: The Manufacturing Industry
a part of the Confederation of Danish Industry
ffi.di.dk

Finland: Federation of Finnish Technology Industries
www.teknologiateollisuus.fi

France: SYMOP
Syndicat des Entreprises de Technologies de Production
www.symop.com/fr

Germany: VDW
Verein Deutscher
Werkzeugmaschinenfabriken e.V.
www.vdw.de

Italy: UCIMU
Associazione dei costruttori Italiani di
macchine utensili robot e automazione
www.ucimu.it

Netherlands: VIMAG
Federatie Productie Technologie / Sectie VIMAG
www.fptvimag.nl

Portugal: AIMMAP
Associação dos Industriais Metalúrgicos,
Metalomecânicos e Afins de Portugal
www.aimmap.pt

Spain: AFM
Asociación española de fabricantes
de máquinas-herramienta, accesorios,
componentes y herramientas
www.afm.es

Sweden: MTAS
Machine and Tool Association of Sweden
www.mtas.se

Switzerland: SWISSMEM
Die Schweizer Maschinen-, Elektro- und Metall-
Industrie
www.swissmem.ch

Turkey: MIB
Makina Imalatçileri Birliği
www.mib.org.tr

United Kingdom: MTA
The Manufacturing Technologies Association
www.mta.org.uk

cecimo

is the European Association representing the common interests of the Machine Tool Industries globally and at EU level. We bring together 15 National Associations of machine tool builders, which represent approximately 1500 industrial enterprises in Europe*, over 80% of which are SMEs. CECIMO covers more than 97% of total machine tool production in Europe and more than one third worldwide. CECIMO assumes a key role in determining the strategic direction of the European machine tool industry and promotes the development of the sector in the fields of economy, technology and science.

*Europe = EU + EFTA + Turkey



cecimo

European Association of the Machine Tool Industries

Where manufacturing begins

Ecodesign Legislation Self-Regulation Measure for Metalworking Machine Tools

