

Latvian Metal Industry at Offshore Technology Days 2015

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Executive Director
MASOC

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MASOC – Association of Mechanical Engineering and Metalworking Industries of Latvia

- Established in 1994 as informative and consultative centre for the specified industrial sector
- Voluntary, membership based organisation
- Unites about 160 leading sector enterprises
- Member companies produce over 70% of the sector's total output, over 50% of sector's employment
- Implements activities typical for trade associations and cluster organisations
- The main goals:
 - **To promote the competitiveness and growth of the sector;**
 - **To promote mutual cooperation**
 - **To promote professional growth of the specialists in the sector**



MASOC – members' profile

Design and
prototyping

Testing and
certification

Specialised
services

Education

METALS
METAL PRODUCTS
MACHINERY
ELECTRICAL EQUIPMENT
TRANSPORT VEHICLES

Research

Material
suppliers

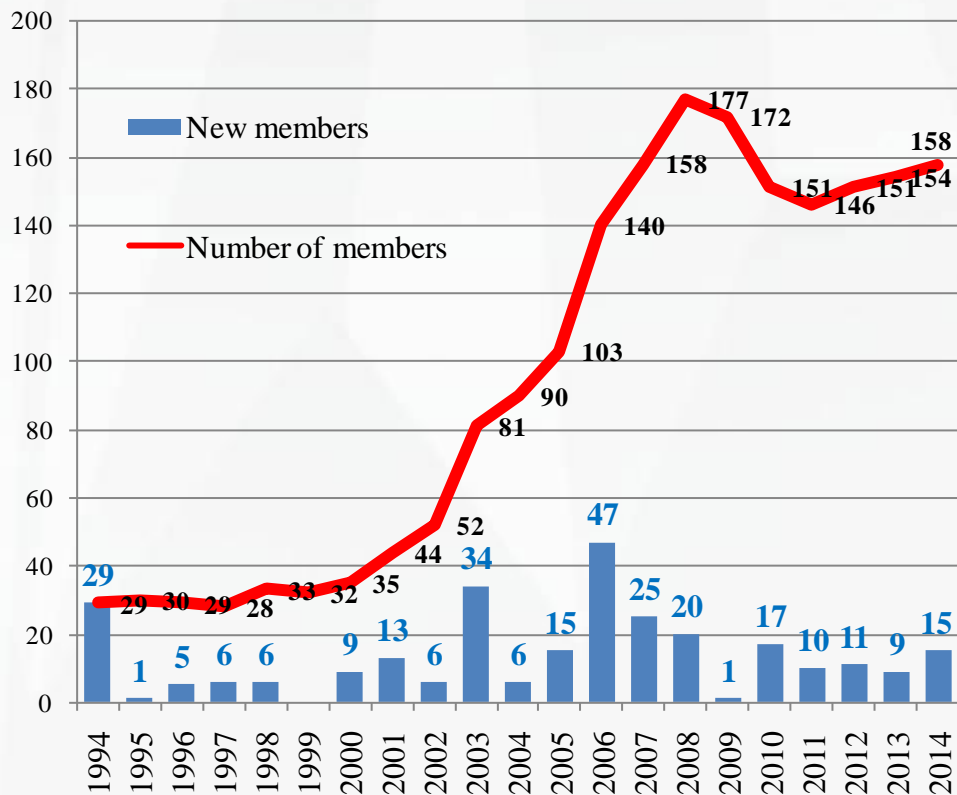
Materials
recovery

Suppliers of
equipment

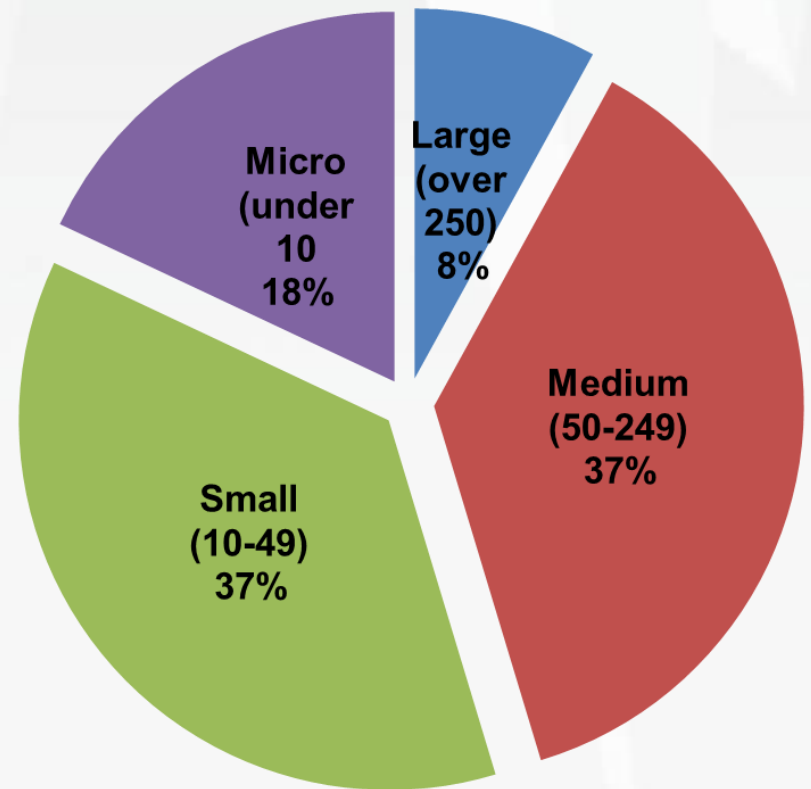
- The core group of companies cover various subsectors of metalworking and engineering (NACE 24, 25, 27, 28, 29 and 30)
- Besides manufacturing companies, related organisations and service providers are included as well, covering the whole value creation chain.

MASOC – member companies

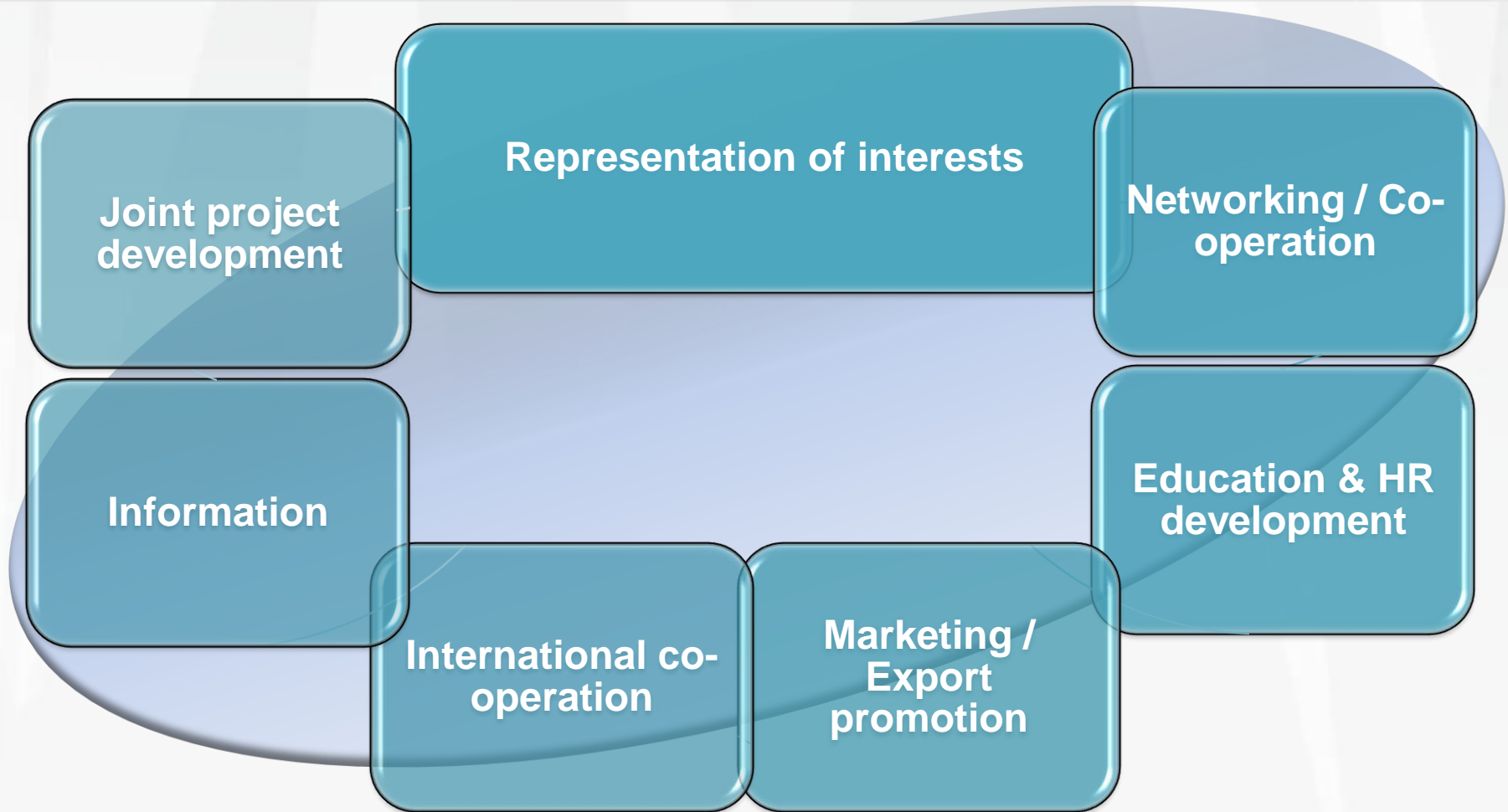
Number of Member Companies



Size of Member Companies (persons employed)

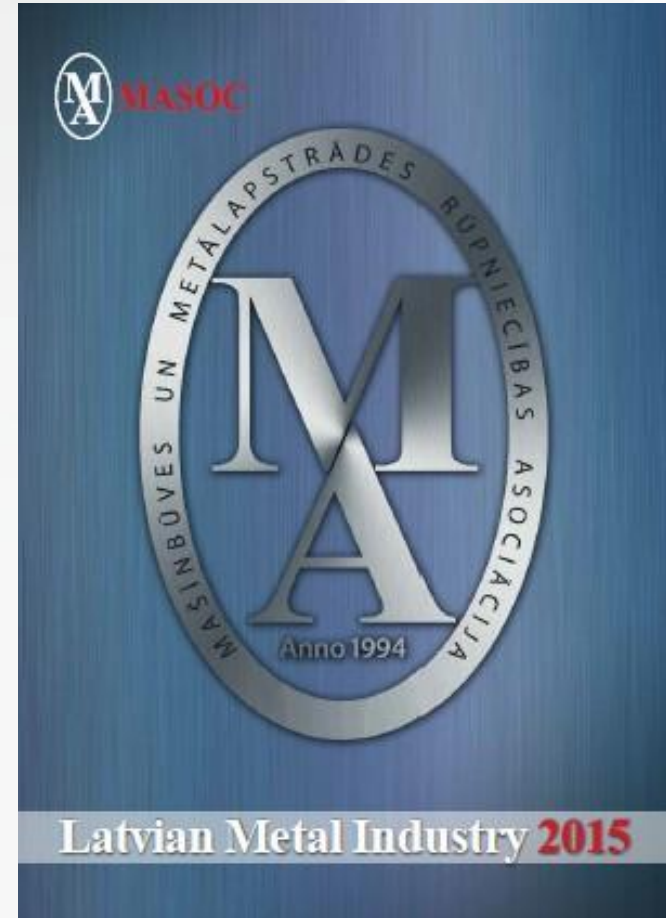


MASOC - main activities



MASOC – what we offer

- Information
 - About the sector
 - On available technologies and competences of the member companies
 - Online database of companies
- Partner search
 - Partners for subcontracting, joint production, cooperation projects
- Single contact point

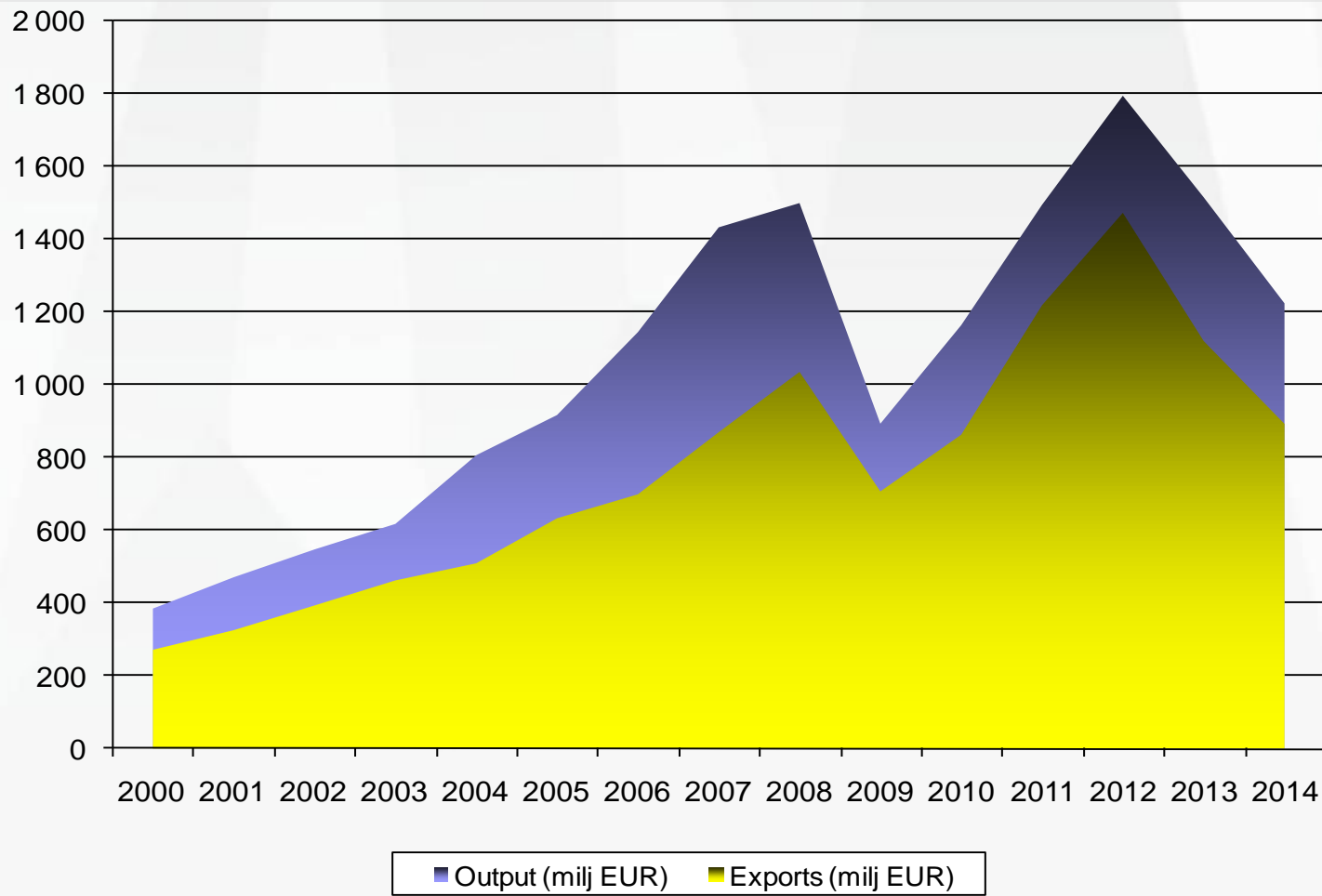


Mechanical engineering and metalworking sector in Latvia

- One of the biggest manufacturing sectors in Latvia:
 - Accounts for more than 17% of the total manufacturing output and value added (2014)
 - Second biggest exporting sector in 2014 (accounts for more than 21% of Latvian exports of goods)
- Exports over 70% of the output
- One of the fastest growing sectors in Latvia – both before and after crisis in 2009.
- Covers NACE 24, 25, 27, 28, 29, 30

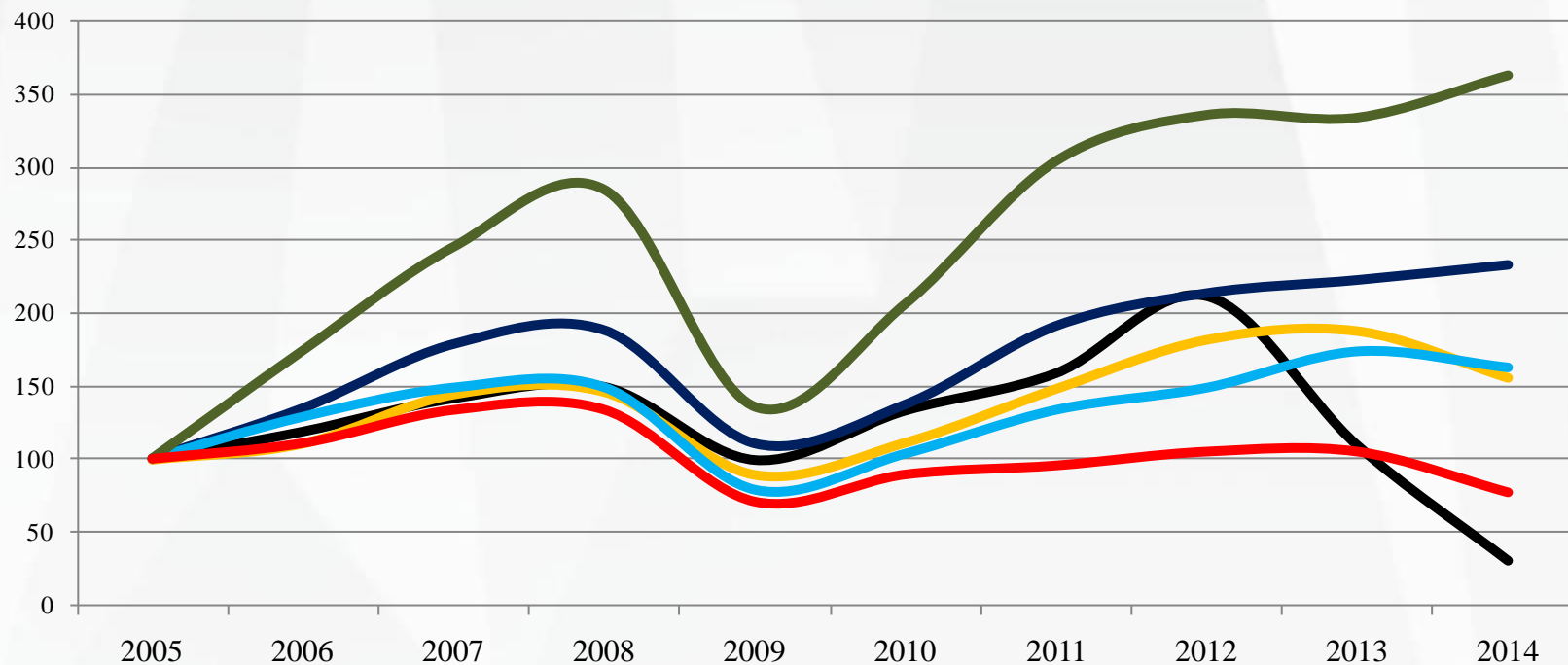


Development of mechanical engineering and metalworking sector (2000 – 2014)



Production output in subsectors

(2005=100%)



— (C24) Base metals

— (C25) Metal products

— (C27) Electrical equipment

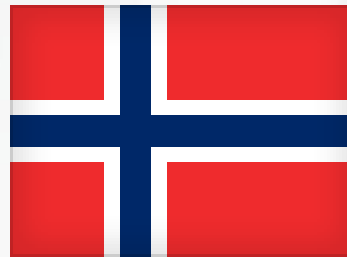
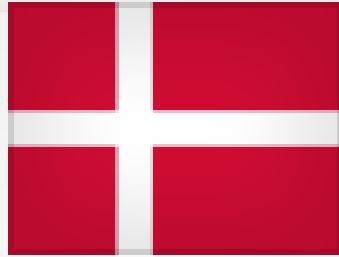
— (C28) Machinery and mechanical equipment

— (C29) Automotive, trailers, semitrailers

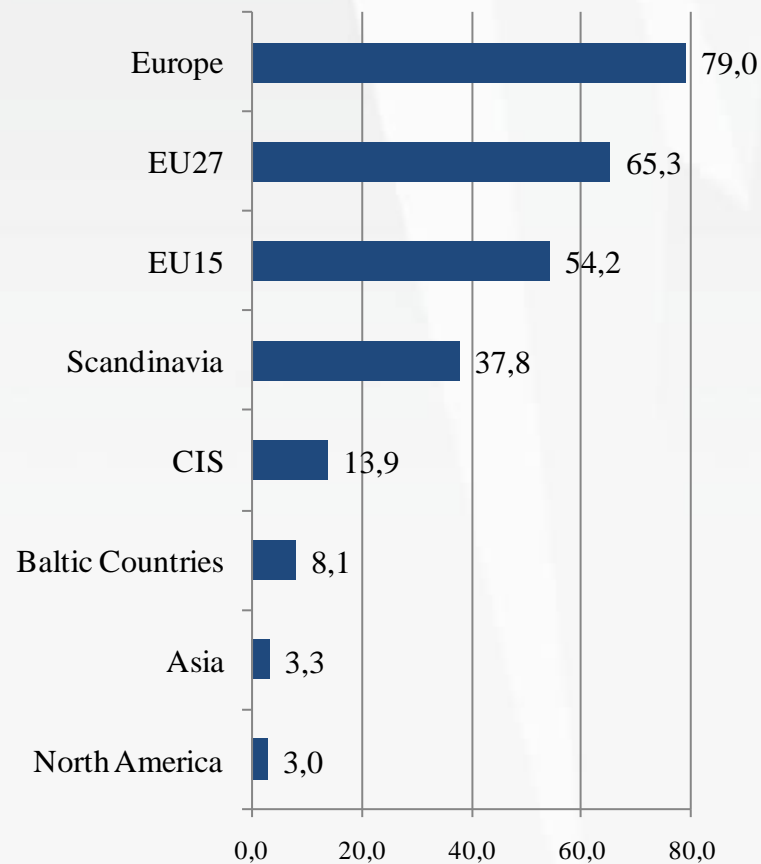
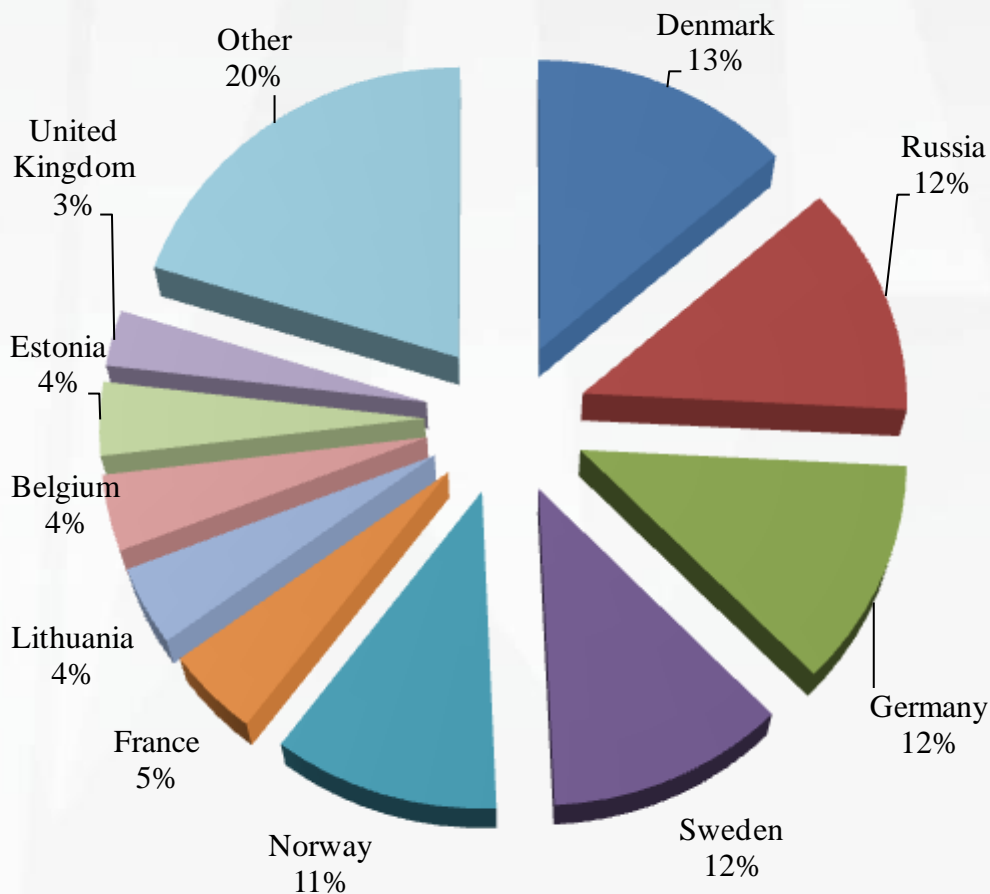
— (C30) Other transport vehicles

FDI in the sector

- Denmark
- Sweden
- Norway
- Finland
- Russia
- Ukraine
- Germany
- Belgium
- Netherlands
- USA



Main export markets – mechanical engineering and metalworking, 2014, % of total exports



Human resources

- MASOC activities at 3 levels:
 - Attraction of young people to the sector
 - Improvement of education system
 - Life long learning activities
- Qualified specialists
 - Welders certified according to European standards
 - Welding engineers
 - Welding quality engineers
 - Co-operation with Germany
 - International examination commission



Full range of latest metal processing technologies

- Cutting
 - CNC Laser; plasma; gas; waterjet; stamping
- Machining
 - CNC turning; CNC milling; grinding
- Casting
 - Cast iron; steel; non-ferrous metals
- Surface treatment
 - HDG, painting
- Welding
 - MIG / MAG / TIG/ robot
- Plastic deformation
 - CNC sheet metal bending; roll forming, tube bending
- Related services
 - Design, toolmaking, testing and certification



Logistics

- Close to material base
 - Metal supplies from Russia, Sweden, Finland
- Close to customer
 - Ice free sea ports
 - Many companies with direct access to marine transport



Why Latvia?

- Effective logistics, easy to reach by sea transport
- Cost effective production
- Qualified specialists
- Latest technologies
- International environment
- Flexible SMEs able to offer customised products, services and solutions

Tech Industry – platform for international co-operation

Riga, 26 – 28 November 2015



- Exhibition
- Matchmaking event
 - <https://www.b2match.eu/techindustry2015/>
- Seminars and conferences
- Participants, visitors and delegations from Baltic Countries, CIS, Nordic countries, Eastern, Central and Western Europe
- Organised by exhibition company BT1 in cooperation with MASOC

Biggest industrial exhibition in the Baltic Region

www.techindustry.lv

MASOC at OTD2015

- Meet us at stand E4420
 - **SILMOR** – expert in signs, labels and technical marking
 - **VIKOM** – steel constructions
 - **JAUDA** – leading producer of electrical equipment in Baltic countries



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