



FEM Bulletin

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FEM report 2014-2016 published!



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Internal developments

FEM statistics 2015



FEM statistics show that growth experienced in 2014 was confirmed in 2015. The European materials handling production value increased by 5.1% at €61.5bn. Exports although grew, though more modestly.

2015 confirmed the trends observed in 2014 though the explanations are slightly different. Whereas repair and maintenance played an important role in 2014 (+7%), this time the growth of the production value is mostly the result of an EU market increase. Indeed, repair and maintenance

decreased by 2% and exports grew modestly. So concretely, European customers are investing more in materials handling equipment. This is also shown by the fact that the European domestic demand increased sharply (+13% at €31.9bn). It is now almost back at its 2009 level, though still 30% less than before the 2008 crisis.

The increase in the domestic demand however mostly benefited European manufacturers. Indeed, although imports increased by 12% at €7.3bn their share in domestic demand remained stable for the fourth year in a row at 23%. At the same time, exports increased (+1.5%, €27.7bn). However, with the stronger domestic demand, the share of exports in the production value decreased slightly (now at 53%, same level as in 2011). Trade surplus reached an excellent €20.3bn.

FEM 2015 statistics are available on the [General Publications page](#). It must be noted that due to corrections on Eurostat figures, FEM has applied corrections on its figures from 2005 to 2014.

FEM report 2014-2016 published

FEM has just published its biennial report 2014-2016. It provides a comprehensive overview of the activities of FEM and all its components: general secretariat, working bodies and Product Groups. Download the FEM Biennial Report 2014-2016 on the General Publications page

Interview with the CEO of Vanderlande



Govert Hamers, CEO of Vanderlande Industries, gave an interview to the weekly podcast of Manufacturing at Heart. In the interview, entitled *“Moving your business forward”* Govert notably explains “the complexities that go with [such] a prestigious contract.....and the enormity of their own business.” Mr. Hamers will also speak at the conference of the FEM Congress. He will address the topic of *“Supply chain & logistics management”*.

FEM President speaks about digitisation

FEM President Jan van der Velden was invited to speak about his company's experience with digitisation at a workshop organised by Orgalime on 6 September 2016 in Brussels.

Mr. Van der Velden presented the challenges of the intralogistic systems industry in the session dedicated to data ownership & management. For more information, his [presentation](#) is available on FEM website.



CeMAT Australia



After a successful inaugural year, [CeMAT AUSTRALIA](#), the Global Intralogistics and Materials Handling Event, held its second show on 12-14 July 2016 at the Melbourne Convention and Exhibition Centre. CeMAT AUSTRALIA is the platform for the latest industry innovations and for exchanging ideas and insights on the warehouse of the future.

FEM Secretary General attended CeMAT Australia in Melbourne. He notably presented the trends and prospects of the European materials handling industry in production & trade, technology and regulations. Mr. Janin also responded to an interview on the latest developments in the industry.

The presentation, as well as the video are available on [FEM website](#).

The World Materials Handling Alliance meets in Tokyo

The World Materials Handling Alliance met on 14th September 2016 in Tokyo. The event was hosted by the Japanese association JOMH and took place during the Logis-Tech exhibition. Jan van der Velden and Juha Erikilä took part on behalf of FEM. Olivier Janin had to apologise at the last minute.

The meeting was held in a good atmosphere and the various delegations were well prepared. After an update on the main activities since the last meeting in October 2015, the statistics were discussed. A small correction needs to be given to the Chinese figure on industrial trucks before the statistics can be released, which should happen in the next few weeks.

The other topic of the meeting was standards and regulation. Upon the lead of the MHI standards expert, it was agreed to start compiling a list of standards for cranes and lifting equipment and Miniloads. MHI will prepare a template that can then be completed by each delegation. It was also suggested approaching a Japanese organisation representing cranes manufacturers, a type of equipment not covered by JIMH.

The next meeting will be on 3rd April 2017 in Chicago during the PROMAT show.



Task forces activities

Outdoor Noise Directive

The final report of the ODELIA study on the scope and limit values of the Outdoor Noise Directive was presented at the European Commission Noise Expert Group meeting on 30 September 2016. In view of this meeting, FEM issued comments on methodological aspects of the study report, which are shared by many industry sectors, notably garden and construction machinery manufacturers. In addition, FEM raised specific comments on ODELIA recommendations on individual types of FEM equipment in view of further developments in the OND review.

As a next step of the review process, the European Commission is going to launch an impact assessment study which results are expecting in the first half of 2017. The impact assessment study aims to assess possible changes in the OND, such as stricter noise limits, but also removal of third party certification, as well as related environmental benefits and socio-economic costs. In this context, public consultations be held in the coming months. The Commission proposal for the review of the OND is announced for the end of 2017 or early 2018.

In view of further proceedings on the OND review, a FEM delegation met the new Commission's desk officer on 20 July. On this occasion, the FEM delegation presented the European material handling industry, including equipment covered by the OND, but also main FEM positions. Then, FEM published a short position paper on main OND aspects to be tackled during the review besides the scope and noise limits. First, FEM urges European decision-makers to take into consideration the overall legislative framework to preserve the European materials handling industry competitiveness on external markets and its world leader position. In addition, FEM requests the application of self-certification to all equipment types as well an effective and efficient market surveillance.

Machinery Directive

A new [list of harmonised standards](#) in the framework of the implementation of the Machinery Directive 2006/42/EC was published in the EU Official Journal on 9 September (OJEU 9.09.2016 C 332/1).

In the context of the ongoing study on the evaluation of the Machinery Directive 2006/42/EC, the European Commission has launched its open public consultation which is divided into a general section

(mostly for the general public) and a specific section (for stakeholders which are familiar with the contents and implementation of the Machinery Directive). The consultation will run until 16 December.

In parallel to this process, the consultant Technopolis is expect to launch soon the targeted consultations (namely, specific questionnaires according to different stakeholder groups; phone interviews).

The FEM Machinery Directive Task Force held a face-to-face meeting on 23 September to discuss potential answers which FEM could submit in view of the draft targeted questionnaire (unofficially transmitted to the FEM secretariat and specifically addressed to industry associations). FEM will also prepare its contribution to the EC public consultation and organise another physical meeting in mid-November to fine-tune and finalise the overall input to the consultation.

At the same time, FEM has been working on proposing additional amendments to the updated Guide on the application of the Machinery Directive, which have been transmitted to Orgalime for discussion at the Orgalime Machinery Core Group meeting (29 September) and integration in the overall Orgalime input to the Guide.

The next Machinery WG will take place on 9-10 November in Brussels and will take stock of the ongoing developments for the review study, as well as the Machinery Directive Guide.

Revision of Exhaust Emissions of NRMM Directive

Following the European Parliament's plenary [vote](#) on the draft NRMM Regulation on 5 July 2016, as well as the Council's endorsement of the final text adopted in plenary, the new NRMM Regulation. the [NRMM Regulation 2016/1628](#) was published in the Official Journal on 16 September, entering into force as of 6 October. The application date is 1 January 2017. In the meantime, the draft final texts of the Delegated and Implementing Acts have been submitted for final comments in June 2016. Their adoption is foreseen by the end of 2016.

As regards the ongoing joint industry activities on drafting an NRMM Guide, a second meeting of the NRMM Guide expert group (comprising experts from FEM, CECE, CEMA, EUnited, EGMF and Euromot) took place on 30 August in Brussels. It was agreed that as a first step, the group will work on an FAQ document explaining to OEMs what has changed from the old Directive to the new Regulation and focusing on the key questions which are of most concern to OEMs. The aim is to complete this FAQ document as soon as the Delegated and Implementing Acts are published (possibly Q1 of 2017).

As a second step and a longer term initiative, all involved associations will work on a comprehensive Guide on the NRMM Guide, explaining the legal provisions which impact OEMs, with a greater level of detail and analysis than the FAQ.



EU legislative issues

General Issues

EU Single Market Strategy

On 1 July the European Commission launched [public consultation](#) on the Internal Market for Goods (enforcement and compliance). This consultation seeks stakeholders' feedback on the extent of product non-compliance, the underlying reasons for this in different sectors, the impact of this problem, and what actions can be taken to address non-compliance. The findings of the consultation will support the Commission's work on the review of the market surveillance rules of Regulation (EC) No 765/2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products. The deadline for responding is 31 October 2016.

Circular Economy

Regarding the Waste Package (proposals to amend the waste directives: waste framework directive, batteries and WEEE, landfill waste, packaging waste) which is part of the Circular Economy Package, amendments have been tabled both in the Environment Committee (ENVI – lead) and the opinion ITRE committee (Industry, Research and Energy - providing the opinion report to ENVI). These amendments have been discussed and adopted in the ENVI Committee on 29 September. The vote on the draft opinion (rapporteur: Miroslav Poche, S&D) and ITRE [amendments](#) will first take place in the ITRE Committee on 13 October, to be followed by the vote in ENVI on the draft report (rapporteur: Bonafè Simona, S&D) and ENVI [amendments](#), scheduled on 7 November. The plenary vote has not been communicated yet.

REACH Regulation

Authorisation (Annex XIV): lead compounds & batteries

The European Chemical Agency (ECHA) suggested including 4 lead compounds, which are used to manufacture industrial batteries, in the list of substances subject to authorisation (Annex XIV REACH). If these substances were included, European manufacturers would have to apply for an authorisation to continue using them. As a direct consequence, the price of batteries manufactured in the EU would most likely increase and the availability decrease. Authorisation provisions apply only to the manufacturing process in Europe, but not imported products.

Therefore, FEM co-signed a position paper with:

- the European battery manufacturers (EUROBAT),
- lead substance manufacturers (ILA & Lead REACH consortium),
- industrial users of batteries: garden, construction, agricultural and municipal machinery manufacturers (EGMF, CECE, CEMA & EUnited municipal equipment) as well as the automotive industry (ACEA, CLEPA & ACEM),
- and the electricity industry (Eurelectric).

The objective is get an exemption for the manufacturing of lead-based batteries on basis of existing EU legislation ensuring proper control of risks.

Applications for authorisation: the case of chromium trioxide

As a reminder, chromium trioxide cannot be used in any manufacturing process in Europe after 21 September 2017, unless a specific authorisation has been granted to an equipment manufacturer or an upper link in his supply chain. Consequently, a consortium of importers and formulators of chromium trioxide – called CTACSub – submitted an application for authorisation for 6 major industrial uses, notably chrome plating and surface treatment in the engineering industry.

The application of this consortium, which is selling chromium trioxide to a substantial part of the European chrome plating industry, is the largest authorisation reviewed by the European Chemical Agency (ECHA) so far. As main results of the application assessment, ECHA recommends authorising uses of chromium trioxide, but under strict conditions. Indeed, ECHA suggests developing better defined exposure scenarios to ensure a minimum exposure level in the workplace. In addition, ECHA suggests granting the authorisation for shorter period of time: 4 and 7 years depending on uses, instead of 7 and 12 years as requested by the consortium.

As regards next steps, the ECHA recommendation will be forwarded to the European Commission which will decide whether to grant an authorisation or not (and how long). The publication of the authorisation decision is expected in mid- 2017.

The chromium trioxide and its applications have been identified as an issue of concerns for the material handling industry. Therefore, FEM is closely monitoring next developments and possible lobbying actions with other industry sectors.

Radio Equipment Directive

The European Commission issued the latest version of the RED Guide on 6 September 2016. This document is available from the [secretariat](#). An ad-hoc RED AdCo meeting focusing on the RED guide and how to deal with the conformity assessment of combined equipment (non-radio product incorporating a radio module) took place between 20 and 22 September. At the R-ED Expert Group (called TCAM WG) meeting on 22-23 June, the Commission issued a working document on combined equipment and the relationship of the RED with other pieces of legislation, to be included in the RED Guide. However, a number of Member States are firmly opposed to this proposal which is believed to be conflict with the legal text of the RED and its definitions. As regards the simultaneous application of the RED and other EU harmonisation legislation (for instance, in the case of the Machinery Directive), the Member States in question request a clear guidance on how to deal with products containing a radio functionality, and at same time clarify in the RED Guide that, in the case of LVD and EMCD, when a product is covered by the RED, the LVD and EMCD no longer apply.

The next TCAM WG meeting on 4-5 November 2016 is expected to endorse the final text of the RED Guide.

Trade

Bilateral trade negotiations

EU-USA (TTIP)

The [14th round](#) of EU-US trade talks on a Transatlantic Trade and Investment Partnership (TTIP) took place in Brussels from 11 to 15 July. Negotiators focused on all three main parts of the agreement, namely market access, regulatory cooperation and legislative frameworks. Observers noted that a breakthrough was not expected as negotiations are stuck on core parts of the potential agreement, such as agriculture, services and public procurement chapters. There are also major disagreements on

rules on public investments and on intellectual property rights such as geographical indications. Despite the UK's recent referendum outcome to leave the EU, prime ministers and heads of state affirmed at the end of June that the EU's trade agenda, which includes TTIP and other prospective trade agreements, would continue.

Further to an informal meeting of EU trade ministers in Bratislava on 23 September, the EU Trade Commissioner Cecilia Malmstrom and also the Member States' trade ministers stated that concluding the TTIP agreement by the end of 2016 is unrealistic given that after 14 rounds of negotiations the EU and US negotiators still have not managed to close even one single negotiation chapter. Moreover, the hostile attitudes against TTIP in several Member States, including France and Germany, and the recent anti-TTIP protests may also have had an impact on the lack of progress.

The 15th round of EU-US trade talks will take place in New York from the 3rd to the 7th of October 2016.

EU-Canada

On 5 July the European Commission formally proposed to the Council of the EU the signature and conclusion of the comprehensive economic and trade agreement ([CETA](#)). This signature is expected at the next EU-Canada bilateral Summit, scheduled for 27 October 2016. EU Trade Commissioner Malmström stated that this agreement, contrary to a previous Commission standpoint, would not fall under exclusive EU competence. Therefore, final ratification by national parliaments is now needed, which was a main claim by Member States, notably France and Germany. Consequently, its full entry into force will be subject to the EU's conclusion, through a Council decision with the consent of the European Parliament, and by all Member States through the relevant national ratification procedures. Once ratified by the European institutions only, it will be possible to provisionally apply CETA if Member States choose to do so.

EU-China

The 12th round of negotiations for an EU-China Investment agreement took place in Brussels during the week of 26 September 2016.



Product Groups' corner

Intralogistic Systems

FEM PG IS has released a revised technical guidance document 9.001 *"Guideline / Terminology – Storage and Retrieval Machines – Definitions"*. FEM document 9.001 provides a general overview of the storage and retrieval machine (SRM) and related topics, notably construction-specific criteria as well as operation-specific criteria. This document contains a functional description of the assemblies for the construction of an SRM and also of all components related to the technical implementation at the state of the art. It also addresses practical use and operation procedures of an SRM.

FEM document 9.001 is available for €9.90 (incl. VAT) at <http://www.vdmashop.de/>.



Publications & events

TRADE FAIRS CALENDAR

	1-4 Nov 2016 Shanghai Link	
	14-17 Nov 2016 Paris Link	
	1-3 Dec 2016 Mumbai Link	



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FEM

Olivier Janin

Diamant Building (5th floor)

Bd. A. Reyers 80

B-1030 Brussels (Belgium)

Tel: +32 2 206 68 66

Email: olivier.janin@orgalime.org

www.fem-eur.com