

EFCEM update

Fabio Gargantini secretary.general@efcem.info

In October 2020 EFCEM finalised an agreement with Compliance & Risks, a Company based in Ireland and with offices around the globe.

Compliance & Risks provides reliable legislative information through C2P, their powerful knowledge management software platform which provides complete and up to date information on regulations, legislation and standardisation issues at global level.

C2P Knowledge platform, a database of 50,000+ regulations and standards is customisable, live and updated by 40+ lawyers and SMEs positioned around the world. It has a very well developed system for filtering information by sector, by products, by regions and by status of the relevant legislation (in force, under development, withdrawn/replaced) which allows combined searches.



C2P main features are:

- Market Access: professional services designed to provide the enquirer with the regulatory processes required to bring product to new markets.
- Managed Services: interrogate the regulations to define the requirements and actionable insights to the products and markets in which they will be placed.

C2P helps in:

- Leveraging technology automation to receive comprehensive early warning alerts
- Faster assessment on new / amended legislation - English summaries and scoping
- Increased transparency on workload, improved sharing and collaboration
- Free premier access to legal experts through our 'Ask Our Experts' service
- Expert news and analysis from around the world
- Filtered to your product and your market, to help gain and sustain market access

The agreement between EFCEM and Compliance & Risks covers all professional products and info for all world regions on the following areas of interest: Brexit News, Chemicals in Products, Circular Economy, Climate Change, Cybersecurity, Data Protection, Ecodesign, Ecolabeling, Electromagnetic Compatibility, Electronic Waste/WEEE, Energy Efficiency, Food Contact Materials, Packaging, Product Safety, Wireless.

In case of interest, Companies members of EFCEM Italia and HKI shall contact their counterpart in the relevant Association, other Companies in other National Associations shall contact EFCEM Executive Secretariat at secretary.general@efcem.info

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EFCEM update continued

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EFCEM also co-signed positions with other European Federations and Associations on SCIP database and on dates of withdrawal of standards and contributed to support ORGALIM on PPs relevant to cybersecurity. But I think these matters will be highlighted in detail by Christian for SCIP and Carlo for dates of withdrawal and cybersecurity.

Working Group One:

BIM and Public Procurement

Convener contact keith.warren@fea.org.uk

BIM

There have been ongoing discussions with FCSI TAD (The Americas Division) as we have sought to get international alignment between the work that they are doing and with the ISFE standards work.

Despite this work the FCSI TAD still propose to develop their update to the original FCSI Revit standards. We prevail with the view that there should be one standard recognised by all parties. This would reduce the cost for the of origination of models and content by manufacturers and ensure that some of the issues that have been identified, could be corrected. In June 2020 the ISFE parameter group meeting comprised over 100 individuals from around the world, including colleagues from the USA who are FCI members.

The role of this WG must be to push ahead with the IFSE work (which is based on the original FCSI Revit standards, with improvements). We will be convening meetings of the sub-committees responsible for key technical aspects of the work including:-

- Levels of Detail
- MEP connection
- Parameter changes

We are fortunate to have the support of the German BIM group through the work of our colleagues in HKI and also the collaboration of Roberto Assi in representing FCSI EAME. With the strength of representation in the WG we have very experienced individuals with the specific technical knowledge and experience gained through working with BIM so that we can develop our work effectively and efficiently. I am grateful for the support over the course of 2020.

Public Procurement

With net zero carbon becoming an increasingly important item on the international and national agenda, the role of foodservice equipment comes into sharper focus for public procurement specification and purchase. At our next meeting we will be sharing information between national associations in terms of how product data could be incorporated into BIM parameters.

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Working Group Two:

Environmental Matters

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Our comments on the Preparatory Studies Eco-design/ Eco-labelling Working Plan prepared in the Working Group Two were proven a success. EFCEM was contacted by the Oeko-Institut, the conducting Institute of the studies. They asked for additional information about the impacts of the Covid19 crisis broken down to product types of tertiary hot beverage equipment and an update of the current status of the European standardisation process.



First of all, we described the problem that every association in Europe counts differently and there could be double counting because there are different classifications. The reasons for this can be seen in the following contexts. This was discussed in advance with other affected associations as well. It was made clear that pad machines are not covered by our members. Oeko-Institut has been working as part of the preliminary studies since the third work plan. They have a focus on the development potential and savings potential.

The data situation for the third work plan was insufficient. Therefore, coffee machines are included again in the fourth work plan. Oeko-Institut makes three main categories: Large filter machine, portafilter and table top, commercial appliances. We have added our classifications: fully automatic machines, traditional / filter holder, syrup, pad, capsule, flour (ground coffee) converting coffee machines, stock brewers (VRNS). This again shows the high variety with a lower number of items in the professional sector.

The evaluation based on sales figures remains open. No huge potential for savings is seen. But more technical data is missing. There are big differences between the appliances. From our perspective is the difference between tertiary and non-tertiary unclear. The main difference is between fully automatic machines and traditional machines. Fully automatic coffee machines are also defined as semi-automatic coffee machines at the European level. A demarcation to vending is wrong in the case of bakeries and their coin counters. It is clear that classifications are insufficient, if there are high varieties due to different types of use.

EFCEM differentiates mainly between milk processing machines: milk powder, milk container, chilled or not. These differences are relevant to consumption. Here are major differences here in terms of energy saving potential. It makes a difference whether you only look at the boiler or the refrigerator with the milk. In the end, the refrigerator matters and not the coffee machine itself. Moreover, the cup performance alone is in the professional sector not meaningful either. This only affects the durability of the appliance. There must be criteria for the permanent cup performance.

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Working Group Two:

Environmental Matters continued

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In summary it can be said that so far that there is no sufficient similarity between the machine types, including between the fully automatic machines and their power consumption. To clarify the Covid19 situation, reference was made to data from the German Coffee Association.

The association found that the out-of-home market suffers a reduction of up to 60%; Coffee consumption in restaurants, bars 76%. Structural changes due to the crisis have not yet been taken into account, but will be taken into account in the course of the process.

Working Group Three:

Safety, Hygiene, Potability of Water

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WG3 allowed the consignment by EFCEM of a Position paper between The European Power Tools Association (EPTA), EUnited Cleaning (producers of floor cleaning machines and high-pressure cleaners for commercial and industrial use), The European Garden Machinery Federation (EGMF), APPLiA, and Zvei, to comment the Commission proposal to shorten from 36 to 18 months the transition periods (called dow: date of withdrawal in CEN-CENELEC and the Date of Cessation of Presumption of Conformity (DoCoPoC) in the EU Official Journal) of standards to be harmonized under Machinery Directive.

EFCEM WG3 opinion was that this proposal cannot be accepted. For mass production industry, like ours, the allocation of sufficient transition period must be maintained as implementation needs time and manufacturers need certainty for the implementation of changes in the production chain. Unfortunately the European Commission has declined the request.

During the last quarter the convenorship also informed the Group about the updates regarding the publication of a new Food Contact Materials Regulation, of a Guidance document for the Regulation (EU) 2016/426 on appliances burning gaseous fuels (GAR) and of the impact assessment study on the revision of the machinery Directive of which EFCEM took part during the last summer.

The study was carried out in support of the Commission's impact assessment process on the revision of the MD, its purpose was to assess the impacts of the different policy options identified in order to select the most cost-effective policy option(s) that ensures a high level of health and safety. The study concludes that overall the MD is fit for purpose, yet the application of different policy options where suggestions of revision are put forward have the potential to improve the effectiveness and efficiency of the Directive going forward.

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Working Group Three:

Safety, Hygiene, Potability of Water continued

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WG3 also answered to the study on the functions and effects of European standards and standardisation in the EU and EFTA Member States. The study, lead by EY contracted by the European Commission (DG GROW), aims to support the European Commission in assessing whether and to which extent the adoption of European Standards has been beneficial for European consumers, firms and for the European economy as a whole.

WG3 members were also involved in several Commission consultations regarding Artificial intelligence - ethical and legal requirements, Blue Guide and Cybersecurity commenting and supporting documents prepared by ORGALIM



Working Group Four:

Connectivity

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The event held on the 28th September with speakers from OPCUA and Koolzone was an outstanding success and we had 103 representatives on the webinar.

Unfortunately, the EFCEM GoToMeeting service did not record the meeting for future use. Our WG meeting after the webinar considered it to be successful in raising the EFCEM profile and an opportunity to recruit members to the WG. The high-level content was not relevant to all - there is a need to develop a base level introduction.

Regarding the OPCUA Companion Specification, Marc Oliver Schneider gave a short presentation to present structured data (the same from every manufacturer). Not all data needs/must be used.

- Data cloud is the base/from this only required data can be downloaded
- HACCP app. Need only connect data.
- Reduces programming cost by standardising reporting.
- Can develop apps. from the OPC UA data.
- Freedom to add more data if the manufacturer wishes to.
- HKI members have agreed to use the OPCUA
- Option to select only the information required giving flexibility, independent from brand variability. Like for like product replacement does not affect reporting (if OPC UA compliant).
- Any connection to the data is possible (ethernet, 5G, wireless, LORA etc.) Be aware of data connection costs.

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Working Group Four:

Connectivity continued

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- Legacy equipment - needs to be dependent on features of the equipment, if any.
- Not just a comm. Protocol - it has a semantic layer. Widely used in other business applications. E.g. Fuel Stations- where there is a mix of different technologies requiring connectivity - OPCUA is the only broad- based comm. Tool.
- Data Ownership. Work is needed in this area to protect the data. Possible further work-stream for EFCEM.
- Using data in an intelligent way is key - and at low cost.
- Need to engage more companies in the development of OPC UA. Companies only need to evaluate their specific chapter
- Develop an entry level explanation for companies
- Only approach consultants/operators when the apps are ready.

Our next steps will be to propose to IFSE (via WG1) a BIM parameter for connectivity and to adopt OPCUA as the best practice protocol for foodservice. It is the base from which to start. A quick start guide to OPCUA will feature in a webinar in the Spring of 2021.

We are also engaging with NAFEM over their developments. An increasingly important aspect of connectivity relates to data ownership and this will also be considered at our next meeting. Thank you to all who have supported our work in 2020 and we look forward to another productive year in 2021.

Working Group Five:

Marketing

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EFCEM's first foray in virtual exhibitions

In September 2020 EFCEM hosted a virtual exhibition pod at Specifi Virtual Next. Hosting the pod gave EFCEM the opportunity to represent European foodservice equipment manufacturers and allow delegates to find out more about the work that EFCEM does and what is achieved through the various working groups.

Video content was supplied by EFCEM President Phil Williams and each of the Working Group convenors that supply the content for this newsletter.

Specifi Virtual NEXT offered manufacturers a unique opportunity to exhibit their latest products in immersive



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Working Group Five:

Marketing continued

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virtual exhibits. Exhibitors were also able to interact in real-time with customers or set appointments for detailed conversations.

The European Market: an Update

The results of the EFCEM State of the Market survey re-issue were presented at December's Management meeting. The survey took into account market factors in light of the coronavirus pandemic.

The results of the re-issue provided a comparative analysis of the same survey that was issued in June 2020. Comparitively, looking at current and forecast sales for the six, twelve and eighteen months the results provided positive reading with respondents forseeing the market picking up.

When specifically looking at forecast sales for 18 months time, 82% of respondents foresee that they will be operating at 100% capacity with the remaing 18% foreseeing that they will be operating at 90% capacity. This is a hugely positive outlook for the European market.

The qualititative short-term feedback was a little less positive but the feeling is that given time the market will recover. A selection of the qualititative feedback can be seen below.

Expected changes in the DEALER market:

- Consolidation, weaker penetration due to loss of personnel. Increased digital sales and increase in easy, quick, cheap sales.
- Price dropping and inferior products entering as well as second hand equipment sales.

Expected changes in the OPERATOR market:

- A reduction in number of venues, and a clamp down on capital spend.
- Shift to off-premise, menu rationalisation, Exploration of new service areas, Reconfiguration of stores/dining facilities, Increased sales/focus in suburban areas.
- 20-30% of operator closures.

Expected changes in the MANUFACTURER / SUPPLIER market:

- Price increases due to Brexit and currency fluctuations.
- Increased reliance on suppliers and distributors for flexibility in payments and returns.
- Second hand machine market and refurbishment will increase.

National concerns:

- Italy - 56% of companies report an increase of missed payments of up to 20%, while the remainder indicates an increase of over 20%.
- Spain - there will be a huge crisis in the next 3-4 years, the economic crisis post-Covid will be very deep and very long.



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