Activity Report
June 2018 - June 2019
European Federation for Elevator Small and Medium-sized Enterprises
Message from Massimo Bezzi
EFESME President

Dear colleagues,

Once again, it is time to present to you the results of the activities that EFESME, thanks also to your valuable contribution, has carried out over the last year. It is a source of pride for us to be able to present you with such a summary of what we have done over the last year. It is a material proof of our commitment to our activities, and of how much we believe in the importance of collaboration, and of the sharing of ideas. It is a solicitation to do more and more, and better, to protect the SMEs that we represent and defend.

During the last General Assembly, held last December 18th in Brussels, it was expressed a full appreciation for the projects developed and the activities carried out and followed with attention during 2018. Now, thanks to this EFESME Activity Report on the work carried out and, in some cases, successfully completed, we want to share with you the results obtained thanks to the intense activity of our experts, our office in Brussels, and of you members.

Year after year, on the occasion of the EFESME Activity Report, we want to send you as much information as possible to give you members an overview of our work. This EFESME Activity Report serves as a final summary of what has been produced and done since June 2018, in all areas followed by EFESME's work.

It is a very comprehensive and detailed report, but not an exhaustive one, as several of the many activities that we follow are still ongoing, and constantly evolving: nevertheless, we are proud of our achievements, of our progress, and of the material that we have produced in support of our positions and in defence of our small and medium enterprises.

Since June 2018, the date of the last Activity Report, several commitments have kept EFESME and its experts busy. It has been a very busy and, in some ways, challenging year, both technically and politically. As you will have the opportunity to read, there has been important news about the technical groups followed by our experts, and the recent European Elections have committed EFESME to the creation of a Political Manifesto that reflects our ambitions, our projects, and the path we want to follow in the next five years.
The intense activity would not have been possible without the diligence and enthusiasm that our experts put into participating in the various working groups, experts meetings, and bilateral meetings. Likewise, it would not have been possible without the support of SBS and SMEunited, the two European organisations of which EFESME is a member. Nor would it have been possible without the participation of you all.

It is for this reason that, for the year to come and beyond, I expect even more involvement from you: the fact that EFESME has decided to embark on the road of the study of Digitalisation and Cybersecurity has opened up a range of possibilities that can allow us to develop new activities, also at the national level. The importance of these two phenomena, and the potential consequences, for better or for worse, that they can have in the daily life of small and medium enterprises, must be a continuous spur to do more and better together.

Dear colleagues, I will not go any further in explaining our activities to you - the EFESME Activity Report will do that for me.

Thank you for your attention and good work!

Massimo Bezzi
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Changes in the EFESME Board of Directors

On the occasion of the Board of Directors and the General Assembly of May 31st, 2018, in Brussels, and the natural conclusion of Mr Marcel Boutillier’s mandate as President, Vice-President Massimo Bezzi, at the suggestion of Confartigianato, one of the Italian members of EFESME, was elected President of the Federation. Former Treasurer of EFESME, Massimo Bezzi maintains the position.

At the end of his term as President of EFESME, Mr Boutillier was elected Vice-President. During the same Board of Directors it was decided that the second position of Vice-President is to be left temporarily vacant, with the intention to involve more EFESME members in the activities of the Federation, and in view of the interest shown by Damyan Petrov, representative of Prolift, to fill the role at the end of the accession process of the Bulgarian association.

In addition, the new Bulgarian Association of Lift Manufacturers (BALM), which officially takes the place of Prolift as a Bulgarian member of EFESME, was presented during the Board of Directors and General Assembly of December 18th, 2018, again in Brussels.

The appointment as Vice-President of Damyan Petrov, considering the above and his interest in actively participating in the activities of EFESME, will be made official during the Board of Directors and the General Assembly on June 19th, 2019. Nevertheless, given the many activities planned by EFESME, Mr Petrov will be immediately involved in EFESME’s work.

Meetings of the EFESME Board of Directors and General Assembly:

May 31st, 2018 - Brussels
December 18th, 2018 - Brussels
June 19th, 2019 - Rome
EFESME New Member

Following the approval by the General Assembly of the membership application of the newly-created Bulgarian association, the **Bulgarian Association of Lift Manufacturers (BALM)** is the new member of EFESME.

BALM replaces Prolift as a the Bulgarian member of EFESME, representing eleven small and medium-sized enterprises operating on Bulgarian territory, responsible for about 70% of new lifts in the Bulgarian market.

All the companies that are part of BALM are small and medium-sized enterprises in the manufacturing sector and, in addition, many of them also provide maintenance and installation services for elevators and escalators.

**Damyan Petrov**, Managing Director of Prolift and its representative in EFESME, will now represent the Bulgarian Association, and will continue to represent Bulgarian small and medium-sized enterprises in EFESME, in its activities, and at its meetings.

The official website of the Bulgarian Association of Lift Manufacturers is www.alp-lift.bg; it will soon be available in both Bulgarian and English, and the Secretariat can be reached at office@alphalift.com.

The address of the Association is 7, Filip Kutev Str., 1407 Sofia, Bulgaria.

EFESME continua il suo lavoro come Liaison del CEN

Following the successful affiliation process as CEN Liaison organisation, EFESME successfully continued its activities within the European organisation. Our experts continue to participate in CEN TC 10 meetings and work on the standards analysed in the different technical committees.

The Liaison, which began in January 2018, allows EFESME to continuously strengthen its commitment to the interests and needs of micro, small and medium-sized enterprises in the lift sector in the reality of European standardisation.
EUROPEAN ELECTIONS 2019

Manifesto EFESME 2019 - 2024

5 proposals to grow together

In the light of the upcoming European elections in May 2019, and taking into account the daily commitment of EFESME, its members and its experts to defend, support, and promote small and medium-sized enterprises and their rights in Europe and beyond, EFESME is pleased to present the EFESME Manifesto 2019-2024.

The document was developed together with our experts after analysing and studying the needs of SMEs at national level. The document describes and presents the commitments that EFESME intends to make over the next five years, as well as the path it intends to follow in working with the new European Commission and the new European Parliament to better promote the work of SMEs in the lift sector.

The areas of action identified as fundamental for the next legislation are five:

1. A more entreprenueurial society
2. More appropriate and SME-friendly standards
3. A true implementation of the single market
4. Safer and more highly qualified personnel
5. Support for digitalisation

This Manifesto is intended to be a declaration of both political and practical intent. Political, because we believe that the involvement of the European Commission and the European Parliament in the life, work and daily challenges of small and medium-sized enterprises is necessary to create a strong link between the European institutions and the workers that the institutions themselves defend and serve, and to create a virtuous process of accountability.

Practical, because each area of action identified by this Manifesto has, and will increasingly have in the future, potentially very positive material effects on the activities of small and medium-sized enterprises.

Over the next five years EFESME, its members and its experts will continue to work in support of SMEs, with a more and more increasing commitment. This Manifesto represents our best intentions, our promise to our members and our industry, and a clear and ambitious path to follow in the coming years to achieve ever more positive goals for SMEs.
INTERLIFT 2019

As per tradition, EFESME will participate in the Interlift fair also in 2019. This year’s edition will take place in Augsburg (Germany) from 15th to 18th October.

EFESME’s participation in international trade fairs is one of the main means available to the Federation to promote our activities and our work, to look for potential new members, to get in touch with new sectors related to ours, to exchange experiences, and to explore new market opportunities for the companies represented by our members. Moreover, international trade fairs of the caliber of Interlift represent excellent and unmissable opportunities to meet in person both technical and political stakeholders, both national and international ones, with the aim of exchanging best practices and keeping up to date with their work in an ever-evolving sector such as the lift industry.

This year’s edition of Interlift will see two important events for EFESME:

- The presentation of Elevator World, in the form of its new European magazine Elevator World Europe, as the official gazette of EFESME. Starting from the next issue, thanks to the agreement reached between President Massimo Bezzi and TBruce MacKinnon, an entire section of the magazine will be dedicated to EFESME publications and articles.

- The organization of the SBS Lift Seminar as part of the SBS Call for 2019. Once again, following the President Bezzi’s vision, EFESME will use this opportunity to present its strategy regarding digitalisation in the elevator sector: the objective of the seminar will be to further explore the great possibilities that this phenomenon opens up for our industry, without ignoring what risks it could create. After the SBS Lift Forum in December 2018 and the SBS Lift Forum in May 2019, this seminar will be a further step in EFESME’s digital strategy.
PARTICIPATION IN SMALL BUSINESS STANDARDS

Small Business Standards (SBS) is the association representing the interests of all European SMEs in the European standardisation system. Founded in 2013 in response to a call from the European Commission, with EFESME as one of the eight founding members, SBS is now a dynamic and active reality at both European and international level.

The objective of SBS is to participate directly in the development of standards, and to represent and defend SMEs in national and European standards bodies. In addition, SBS aims to raise SMEs' awareness of the benefits of standards and to encourage them to participate directly and actively in the standardisation process.

More information on the documents produced by EFESME as part of its work with SBS can be found in the Supporting documents section, from pg. 27.

Participation in ISO and CEN

For the sixth year, SBS appointed EFESME technical experts for 2019. Since the establishment of SBS, in 2013, EFESME has always been a cornerstone of this project, as it has been the only member able to appoint at least two technical experts from the first year within both CEN and ISO, to defend the voice, interests, needs, and expectations of the SMEs we represent. In 2019, as in 2018, EFESME is pleased to announce that our representation has remained stable, thanks to the confirmation of the three EFESME experts we presented during the activities of the past year.

At international level, thanks to his undeniable experience and this excellent work, Luciano Faletto has been reconfirmed once again in the WG4 (Safety requirements and risk assessment), WG6 (Lift installation, dimensions and evacuation), and WG10 (Energy Efficiency of elevators and escalators) of ISO TC178.

In addition, as proof of the quality of the work done by EFESME experts at European level, this year SBS confirmed for CEN TC10 Ivan Ferrarini in WG1 (Lifts and Service Lifts) and WG10 (Safety of existing lifts), and Tiziano Caresani in WG1/WT1 (goods only and service lifts), and in WG13 (Vertical lifting appliance with enclosed carrier). Still at European level, Mr Faletto, who represented SBS in the initial debates with CEN concerning the implementation of the EC Mandate M/549, is now attending the CEN TC 10 WG 1 meetings as the liaison officer for EFESME, with the specific task to support the SBS representatives in the debates concerning the EN standards that need to be revised for compliance with the Mandate M/549.

Regarding the Lift Working Group - LWG, Mr. Giuseppe Iotti and Mr. Luca Incoronato took part in the relevant meetings organised by the European Commission. Mr Iotti represented SBS, while Mr. Incoronato was present as an EFESME expert.
ISO TC178 Meetings – Luciano Faletto:

WG 4 - TFC, 22-23/10/2018, Toronto (Canada)
WG 4, 24-25/10/2018, Toronto (Canada)
WG 6, 25-26/10/2018, Toronto (Canada)

WG 4 - TF Conv, 27-30/01/2019, Irvine (California)
AH17, 31/01-01/02/ 2019, Irvine (California)
WG4 AH 17, 26-27/03/2019, Vienna (Austria)
WG4 TFC, 28-29/03/2019, Vienna (Austria)
WG 4, 01-02/04/2019, Frankfurt (Germany)
WG 6, 02-03/04/2019, Frankfurt (Germany)
Plenary, 04-05/04/2019, Frankfurt (Germany)
WG4 TF RA, 08-09/04/2019, Frankfurt (Germany)

CEN TC10 Meetings

Ivan Ferrarini

WG1, 01-03/07/2018, Paris (France)
WG1, 01-03/10/2018, Madrid (Spain)
WG1, 25-26/11/2018, Oslo (Norway)
WG1 Plenary, 27-28/11/2018, Oslo (Norway)

WG1, 06-07/03/2019, Milan (Italy)

Tiziano Caresani

WG1 WT1, 18-19/09/2018, Milan (Italy)
WG13, 25-26/09/2018, Madrid (Spain)
WG1 WT1, 30-31/10/2018, Milan (Italy)
WG13, 06-07/11/2018, Milan (Italy)
WG13, 12-13/02/2019, Milan (Italy)
WG13, 16-17/04/2019, Milan (Italy)

EC Lifts Working Group meetings — Giuseppe Iotti:

01/02/2019, Brussels (Belgium)
Mr Luca Incoronato participated in the same meeting as EFESME representative.
Since 2017, EFESME has been participating in the SBS sectoral approach. EFESME responded for the first time in November 2016 to the SBS call, which aims to highlight the interests of those sectors where SMEs need to increase their representation in the standardisation process.

Through the SBS sector-wide approach, EFESME wants to improve the lift SMEs' representation in European standardisation, to raise awareness of standardisation, and to facilitate access to and use of standards for SMEs through targeted activities, such as the organisation of forums, seminars and events on the territory in order to involve SMEs as much as possible and provide them with the necessary stimuli and expertise in the sector.

This section summarises the activities undertaken in 2018 and in the first six months of 2019 on behalf of SBS.

1. Monitoring EU provisions

The objective of this activity is to provide a comprehensive overview of the transposition, translation, and implementation at the national level of two Directives, the Lifts Directive 2014/33/EU and the Machinery Directive 2006/42/EC, and of seven standards (EN 81-20, EN 81-21, EN 81-28, EN 81-50, EN 81-70, EN 81-72, EN 81-73, and EN 83-77) in the twenty-eight EU Member States and the four EFTA countries.

Given the language barrier, and the success of the 2017 monitoring activity created ad hoc to try to overcome these difficulties, SBS and EFESME have decided to continue the monitoring activity in the wake of what they did in the previous year, using the network developed by EFESME and the contacts already created to obtain this data. In addition to its members, which cover fifteen European Union member states, the EFESME Secretariat has chosen to continue to contact the same set of stakeholders already contacted previously, to ask for their support in updating (if this is the case) the data sent in 2017.

Specifically, it was decided to contact the national standards bodies, the permanent representations to the European Union, and the national chambers of commerce. The reason behind the confirmation of the use of such a wide spectrum of stakeholders is to ensure the most pluralistic and comprehensive overview and access to information possible, and to understand the level of familiarity of these actors with the standardisation process in the lift sector.

In 2018, EFESME received responses from twenty-three countries (out of a total of thirty-two), and all stakeholder categories involved contributed with their inputs to the good outcome of the research, obtaining information on both standards and directives, with some states presenting updates on both regulatory elements.

This monitoring activity is continuing within the 2019 work programme; thanks also to the experience gained in the previous year with the table we sent them, stakeholders responded more diligently and quickly. Two aspects worthy of note have already been identified in the first half of 2019:

- The increase in translated versions of the standards;
- The continuing difficulty in obtaining information on standards and Directives at the national level.
These two aspects, apparently contrary, could mean that, on the one hand, there is a desire on the part of the States to translate the rules in such a way that they are easily accessible, but, on the other hand, there is still a difficulty (perhaps due to the complexity of the language used) in communicating news and novelties on the subject in a timely manner, even if solicited.

In the first six months of 2019, EFESME received 19 feedback out of 32 states contacted; some states submitted new data regarding standards and their translation into the national language, while others communicated news about the two Directives monitored. Only three countries recorded changes in both the standards and the Directives.

At the time of writing this report, one of the four monitoring documents has already been written and delivered to SBS, while the second, to be released at the end of June, is in the process of being written.

2. Participation in relevant technical groups

In 2018, experts participated in the EPD (Environmental Declaration of Products) task force, in the ETSI SmartM2M meetings, in the works of the Notified Bodies (Lifts), and in the Lift Working Group organised by the European Commission.

As far as the EPD task force is concerned, the initial aim of the work was to create a software-based tool that allows companies to prepare the EPD statement. Due to different opinions within the ELA (European Lift Association) working group, it was decided to proceed with the creation of separate solutions, with the intention of comparing them to find a common point on which to base the final tool; regarding the work by the EFESME/SBS, this information was then collected in cooperation with ITAINNOVA and ELCA.

A valid option for SMEs is to examine the possibility of using other PCRs as a reference for the EPD: this alternative could lead to the creation of a more attractive EPD for SMEs in the sector. In this context, UNI TS 11300-6, also translated into English, provided to the interested working groups with a more detailed background on the segmentation of building categories.

In the meantime, the European Commission has launched a project to assess the advisability of including lifts among the products to which the requirements of the Ecodesign Directive should apply (Directive 2009/125/EC of the European Parliament and of the Council of 21 October 2009). A successful conclusion of this project would have a significant impact on the possibility of implementing the EPD project, which has therefore been temporarily suspended. The members of the working group were involved, directly or indirectly, in the Preparatory Studies and workshops organised by the European Commission and its consultants to eventually establish the requirements with which lifts would have to comply if they were to fall under the Ecodesign Directive. The active participation of the representatives of ELA and of Faletto in the work on the Ecodesign Directive has made it possible to identify the contraindications regarding the application of this Directive to lifts and, at the same time, to recognize the significant improvements of the lift product compared to the original reference scenario.
Therefore, it is considered likely that a voluntary approach based on the usual and effective competition always present in the lift market can be considered sufficient for a continuous improvement of lifts with respect to the objectives of the Ecodesign Directive. Of course, all the assumptions developed during the EPD project remain valid and applicable for future improvements.

With regard to ETSI **Smart M2M TC**, also in this case the work of 2018 is a continuation of what was done in 2017. The aim is to complete a Technical Report (TR) that can serve as the basis for a subsequent Technical Specification (TS) that makes the lift data accessible and available free of charge to those entitled to access it. The intention of TS is to improve maintenance and services after the installation of a system through the use of the Internet of Things (IoT). The draft of this document was expected to be ready by the end of October 2018, but has been postponed to 2019, with a date still to be set. The expert involved in the ETSI activity is Ivan Ferrarini, appointed in 2017.

Mr Faletto’s participation in the **NB-L**, on the other hand, has given EFESME the possibility to monitor the conformity assessment process applied in the different EU Member States. The aim of participating in these meetings is to guide the discussions in favour of the SBS’ positions in protection of our SMEs.

Moreover, EFESME's good relationship with the office working with lift from the European Commission DG Grow has allowed us to put forward our positions and ideas, and to support them continuously even when faced with NB-Ls not particularly convinced of the application of these standards. EFESME's position at these meetings is to try to prevent as much as possible a situation of uncertainty from arising that is detrimental to SMEs.

### 3. Development of sectoral positions

In **2018**, EFESME again committed itself to preparing, publishing, and disseminating position papers on standardisation activities, and to organising a seminar on issues that reflect the interests of SMEs in the lift sector in the standardisation process.

As regards to the seminar organised as part of the SBS Call, SBS and EFESME organised the **Making Safety Standards for Lifts "Global"** seminar in Brussels on May, 31st. The event was intended to illustrate the process of convergence of European and international safety standards for lifts, which should be completed by 2026. The main speakers were the chairmen of CEN TC 10, Esfandiar Gharibaan, and ISO TC 178, Gero Gschwendtner.

The position paper written as part of the Call, on the other hand, on the need to revise the latest version of the standard ISO 8100-20 - Part 20, followed a difficult process of development and writing due to an internal discussion between the members of SBS. The document is currently under review, but EFESME is positive that it will soon be possible to publish the document.
In the meantime, the points raised in the position paper have been used as the basis for an article prepared specifically for the International Elevator and Escalator Symposium; the article, entitled *Papers on Safety and New Technologies* was presented by Mr Faletto on November, 15, and the symposium participants agreed with the conclusions presented. It was also proposed that the same article was to be presented to the next ISO committee at the end of January 2019 in Irvine, California.

With regard to the **2019 development of the sectoral positions**, this year's seminar will be held on 17th October at the international Interlift fair in Augsburg, Germany. The two position papers are currently being developed. Several topics have already been proposed by EFESME, its members and experts, taking into account the European and non-European landscape, and the latest technical and political developments.

4. **Sectoral articles on standardisation**

During **2018**, EFESME wrote and published six articles on standardization in the elevator industry. The first is about the Eco-Design Directive and how it can have an impact on lifts. The second provides an overview of the Mandate/549, its content, and the aspects that support EFESME positions. The third article relates to the seminar mentioned in point 3, and talks about the importance of making security standards global. The fourth is about prEN 81-80, and the importance of improving the safety of existing lifts, while the fifth article is about the need to trace the safety components of a lift. The sixth and final article, on the other hand, takes up again the topic of the first, piece the Eco-Design Directive, to give the reader an update on the work in progress.

For **2019**, EFESME again committed to produce a six more sectoral articles, to continue to study, analyse and explain various often very complicated topics to interested SMEs. At the moment, the first article is under review while the second is in the process of being written, thanks to the contribution of Mr Incoronato and Mr Ferrarini.

As part of EFESME's dissemination policy, all the articles have also been sent to the European and international sectoral press, they have been made available on the social media (Facebook, Twitter and LinkedIn), and the have been regularly included in EFESME and SBS newsletters. All articles are available on the EFESME website or by contacting the Secretariat directly at secretariat@efesme.org.

*All the SBS articles published in 2018 are available in the Supporting documents section, pp. 31-41.*
5. SBS Lift Forum

2018 SBS Lift Forum on Digitalisation - Lifts Reaching the Cloud

On 18 December 2018, EFESME organised the **SBS Lifts Forum, whose theme was digitalisation in the lift sector**, as part of the SBS 2018 sectoral approach. This was the second edition of this forum, after the 2017 edition success, when the focus of the day was on standardisation itself.

This year's event, moderated by Mr Eugenio Quinteri, Secretary General of the **EBC - European Builders Confederation**, brought together experts from both the European Commission and the lift industry, national stakeholders, and members of various organisations.

After the welcome speech by Mrs Christel Davidson, Director of SBS, and Mr Massimo Bezzi, President of EFESME, the first of the two sessions of the day, which was more specifically focused on digitization, began with the presentation of Mr Luis Carlos Busquets, Programme Officer at the European Commission (DG CONNECT, Unit E3 - Cloud and Software). Busquets presented the EU policies related to the Cloud, underlining the importance and potential of the free movement of data and of the Cloud system in the research programs.

The first session continued with Mrs Véronique Willems, Secretary General of SMEunited, who spoke about digital transformation for SMEs, the challenges this process poses to European small and medium-sized enterprises, and what could be the best approaches in this regard. Willems also provided our guests with the SMEunited's position paper on digitalisation.

After the presentation by SMEunited, the forum continued with Mr Vesa Katajisto, Policy Officer of the European Commission (DG GROW, Unit C3 - Advanced Engineering and Manufacturing Systems). Katajisto, who is the contact point in the Committee on SMEs for the Lifts Directive and the lift sector in general, explained what the Commission’s Mandate 549 to CEN, its content and annex consists of.

The second session saw two presentations, one by Mr José María Compagni and the other by Mr Luciano Faletto.

Our first speaker, Mr. Compagni, is the Academic Director at Docensas, Associate Professor at IE University, as well as coordinator of FEPYMA, the Spanish federation of SMEs in the field of elevators member of EFESME, and has a long experience in the elevator industry. His presentation focused on the Spanish national registration system, introducing our guests to the two Spanish registers of lifts: the public register of lift companies and the register of lift plants.
The data on lifts available in these registers are presented electronically, thus underlining once again the growing importance and potential of digitisation for our industry.

Finally, Mr Luciano Faletto, EFESME's Secretary General and ISO & CEN expert, showed the importance of having the instructions for use always available and acceptable, presenting as a clear example of the lack of shared standards the disastrous consequences of the Baltimore fire of 1904, which led to a national standardization of firefighting equipment in the United States. This example was used by Faletto to introduce the topic, and to underline the need for clear and exhaustive instructions the correct and effective lifts maintenance, and how to improve their indispensable availability at the plants.

After the end of the presentations, already available on the EFESME website, the Q&A session offered a number of positive starting points for discussion, which were used by the speakers to delve into some of the topics.

**2019 SBS Lift Forum on Digitalisation - Lifts & new technologies**

For 2019, the forum was held on 23 May, again in Brussels at the SBS premises. This year, the forum's agenda focused on the **opportunities and risks created by digitalisation in the lift sector**. Following President Massimo Bezzi's vision, EFESME decided to investigate the most promising aspects of digitalisation, as well as the threats it may pose to small and medium-sized enterprises that are not sufficiently aware of this phenomenon to understand its many and varied aspects.

The first speaker of the first session was Mr Luc Hendrickx, Director of SMEunited. Mr Hendrickx, who was also the moderator of the day, explained what SBS - Small Business Standards is and what its digitalisation and SMEs policies are. According to Mr Hendrickx, SMEs often lack basic digital skills, and he stressed the importance of investing in continuing education to keep SMEs up to date with the latest digital innovations. Hendrickx also introduced Cybersecurity, a topic that was discussed later in the day.
After Mr Hendrickx’s speech, Martin Übelhör, Head of Sector for Cybersecurity investment, research and industrial policy of DG CNECT, spoke about the cyber security policies that the European Commission has developed, with a particular focus on capacity building and SMEs. Übelhör stressed the usefulness of digitalisation for businesses, agreeing with Hendrickx’s previous statement.

The second session saw speeches by CEN-CENELEC and IDV - Innovation and Development Consulting.

Constant Kohler, Programme Manager of the CEN-CENELEC standardisation department, presented the work that these organisations are doing regarding digital transformation and the opportunities that this phenomenon is creating for SMEs. He showed how digitalisation is a challenge for standardisation, and presented CEN-CENELEC's priorities in this field.

The next speaker was Davide Meinero, Managing Director of IDV, who presented his work and the results of the CECE research on the digitalisation in the construction sector. He stressed the significance, impact and barriers of digitalisation, the need for new skills and competences, as well as the existence of good case studies in this regard.

The afternoon sessions, on the other hand, were more practical, as they concerned innovations, problems, ideas and difficulties encountered by SMEs in Sweden, Italy and Spain.

The first to speak was Mr Ivan Ferrarini, Director and Coordinator of the technical area of FARMA srl and an EFESME expert, who presented the evolution of lift technology over the last two centuries, explaining the challenges and opportunities faced over the years. Mr Ferrarini also spoke about the need for greater IT security to keep sensitive data secure.

EFESME thanks Lars Odlen from Remote Quality Management, who prepared this presentation and should have gave it, but could not attend the forum.

After Ferrarini, Rocco Iacchetti, Head of electronic development at Gruppo Millepiani S.p.a., presented this Italian SME as a pilot case that uses IoT applied to the lift sector. Mr Iacchetti showed the public how Millepiani has integrated digitization in its plants, taking into account predictive maintenance, information security and other fundamental aspects.
The fourth and final session focused on Spanish SMEs, thanks to presentations by Mr Alfredo Gómez, Mr José Maria Compagni, and Mr Alexis Nadal.

Mr Alfredo Gómez, from ITAINNOVA, the Technological Institute of Aragon, presented another example of how digitalisation can create opportunities and threats for a lift. Mr Gómez explained the concept of "connected lift", what kind of technology is involved when it comes to lifts and IoT, and what challenges and barriers an SME can encounter when working digital.

José Maria Compagni, coordinator of FEPYMA, the Spanish member of EFESME, Academic Director at Docensas, an Associate Professor at IE University, took the floor as second speaker in this last panel. Mr Compagni presented a case study from FEPYMA itself, taking the opportunity to demonstrate the need for closer collaboration in the industry, for better communication between stakeholders, and to show how FEPYMA is using digital media to stay up to date in its daily work. Mr Compagni also explained and demonstrated the existence of multiple challenges for SMEs in the lift sector in dealing with digitalisation, but, following the optimism that had been the leitmotif of the day, supported the idea of using these challenges to improve SMEs.

Finally, Alexis Nadal, CEO of the Spanish SME Nayar Systems, spoke about machine learning and its consequences for elevators, pointing out how the IoT can be applied to an SME that installs and maintains elevators. Nadal stressed the importance of IoT, big data, and technologies such as Artificial Intelligence and the Cloud, to show how to connect an elevator to a network, what is needed to do it, and why it is necessary to take specific measures and precautions when working with digitization.

Once again, the various Q&A sessions provided speakers and the public with the opportunity to interact and analyse the various issues raised during the day in even greater detail.

Speaker presentations are already available on the EFESME website, or by contacting the secretariat at secretariat@efesme.org.
Bilateral meeting with the European Commission

Meetings with the European Commission:

- EC Lifts Working Group meeting: 01/02/2019
- Meeting with the European Commission, DG GROW, Unit C3: 04/03/2019

On June 26, 2018, in Brussels, an EFESME delegation met at the headquarters of DG GROW Mr Vesa Katajisto, Desk Officer for the Lifts Directive 2014/33/EU and reference point for the sector regarding the policies and initiatives of the European Commission for what concerns lifts. Following Katajisto's interest in standardisation activities in the lift sector followed by EFESME, our technical experts presented the work they are doing on behalf of SBS; EFESME's potion in this regard is supported by its Secretary General, Mr Luciano Faletto in ISO TC 178, and by two other experts, Mr Ivan Ferrarini and Mr Tiziano Caresani in CEN TC 10, in the WG1 and WG13.

The participants agreed on the possibility of organising a further meeting in the second half of the year, in order to be able to analyse together the possible developments concerning the topics of interest, and, in particular, concerning the Mandate 549 of the European Commission to CEN.

This second meeting took place on November 7, 2018, in the presence of Mr Vesa Katajisto and Mrs Stephanie Regna-Gladin, for the European Commission, and of Secretary General Faletto and the expert Mr Ferrarini for EFESME.

Three issues were discussed during the meeting: the periodic checks mentioned in Annex 1; the introduction of specific instructions in the lift installation and maintenance manual; and the transferability of European standards and their compliance with international counterparts.

With regard to periodic inspections, EFESME expressed its concern that these could become an additional economic burden on manufacturers, and pointed out that poor maintenance or occasional inspections could jeopardise both consumer safety and compliance with safety standards by lift manufacturers and operators.

With regard to the introduction of specific instruction manuals, according to EFESME, the manufacturer must provide the right information on the use and maintenance of the product from the moment of purchase, without this having to be requested by the consumer at a later date. The Commission agreed on this point, and admitted that the relevant Directive should have been clearer on this point.

On the transferability of European standards and their compliance with international counterparts, EFESME and the Commission had a common position: very often, in fact, European standards connect to international ISO standards, which do not correspond in turn to European ones; another important point on which there was a common position is that the high level of detail of European standards can be difficult for an entrepreneur who does not come from the same European reality.
Finally, the two organisations also agreed that the transferability of an EU standard to another EU standard is often complex due to the generic nature of these references. It is very positive for EFESME to note that its positions and those of the European Commission are often in common, sharing the same points and concerns.

The third meeting with the Commission took place on **March 4, 2019**, following the Lift Working Group of February 1, 2019, during which Barbara Bonvissuto, Head of Unit of the office that deals with the Lifts Directive, announced that the European Commission would not accept the updated versions of six standards (21-28-58-70-71-77) proposed by CEN, as they did not comply with the Mandate M/549. According to the Commission, the error lay in the fact that the six revised standards referred to another standard, 81-20, which was not revised under the Mandate itself.

During the European Commission/EFESME bilateral meeting, Secretary General Faletto exposed the concerns of our Federation regarding the non-approval and harmonisation of these six standards, pointing out to Mr Katajisto and Mrs Piedrafita that small and medium-sized enterprises did not know how to behave. Katajisto explained the situation and how this was not going to harm, at least for the moment, the lift industry: in fact, even if the Commission had not accepted the six new standards proposed by CEN and had not published them in the Official Journal of the European Union, this did not mean that the six previous versions and not revised had become useless, on the contrary. As long as the Commission itself does not withdraw standards, they remain valid in providing a presumption of conformity with the requirements of the Directive to which they relate, no matter what CEN decides to do about them.

The situation regarding these six standards and Mandate M/549 remains however without a quick solution. EFESME, together with SBS and thanks to their support, continues to follow the problem closely, and its in contact with both CEN and the European Commission.

**Eco-design for lifts**

<table>
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<th>Meetings related to the Eco-design for lifts:</th>
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<td>• Stakeholder meeting: 11/03/2019</td>
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The preliminary study on Eco-design for lifts is being developed according to the calendar presented by the consortium team at the stakeholder meeting on 21 February. On 4 June the consortium discussed the latest results during a conference call with EFESME (represented by Secretary General Faletto), ELA and ELCA. From the examination of all the documents presented first in the following workshops, and then discussed and commented during these meetings, EFESME came to the conclusion that the results of these studies are largely flawed by the application of rules that are not properly applicable to the product lifts. The representatives of ELA and ELCA also seemed to have the same conviction, taking into account that any type of mandatory requirement for the verification of a possible improvement of lifts, in accordance with the expectations of the Eco-design Directive, would have a very negative impact, both from the economic and the organizational point of view, especially for SMEs.
Therefore, the three federations have expressed their concerns to both the Commission’s team of consultants and the Commission itself, pointing out that there is effective competition between companies in the lift sector that has already led to significant improvements in the impact of new lifts on the ecosystem. It is believed that, if these indications are taken into account, lifts will be excluded from the list of products to which the requirements of the Eco-design Directive must be applied in an exhaustive manner, thereby avoiding all the consequent negative effects for the normal course of business in the sector.

The Experts attended the **SBS Expert Meetings**
On November 8th, 2018 and on February 6th-7th, 2019.

Both meetings took place in Brussels, at the SBS headquarters.

**EFESME Experts Meetings**

Since 2018, EFESME has been organising regular meetings with its experts involved in standardisation activities, with the aim of exchanging information and suggestions on the topics discussed in the technical groups.

The first meeting of 2019 took place on March 13th, at the ANACAM premises, and the second will take place once again at ANACAM on the 20th of June.

These meetings are open to all EFESME members.
COLLABORATION WITH ELA

Following the collaboration between EFESME and the European Lift Association (ELA) on topics of common interest, the two associations met on three different occasions between 2018 and 2019.

Meetings with ELA:

- Bilateral meeting: 25/06/2018, Brussels
- Bilateral meeting: 26/10/2018, Brussels
- Bilateral meeting: 06/05/2019, Brussels

On 25 June 2018, EFESME and ELA discussed various topics.

With regard to the Eco-Design Directive, the impossibility of providing Fraunhofer with price information was discussed. This is because, as EFESME pointed out, the Directive would only apply to new lifts, not to those already installed, for which it would be impossible to demonstrate the benefits of Eco-Design. It was also pointed out that the Commission had said that if the costs exceeded the benefits, lifts would not be included in the Eco-Design proposals.

As far as the EPD is concerned, the task force is still suspended, but it was agreed to continue with a bilateral exchange of information, as the subject is linked to the Eco-Design Directive, given the similar issues covered.

On SBS's position regarding EN 81-20, EFESME explained that this is due to the fact that, contrary to the guidelines given by the Commission, companies can now only provide minimal information regarding the maintenance of a lift plant, which is causing difficulties for technicians and inspectors. ELA has no specific position on this.

With regard to ISO 8100-20 and the UNI vote against it (vote supported by EFESME), this is due to the fact that this is an issue that, according to ISO rules, should concerns more the creation of a technical specification (TS) than a standard. At the moment, the differences in position have not been resolved, but ISO has had to revise the standard due to the implementation of the references to the new Lifts Directive 2014/33/EU. ELA would have preferred to have the requirements as mandatory and normative rather than just for information.

Considering that SBS will develop a summary document on this topic, ELA could eventually co-sign the article if there is an agreement on the content.
During the meeting of **October 26, 2018** there were not great steps forward in terms of collaboration between the two entities, although it is undoubtedly important to maintain contacts. An interesting element was the Information Note on Traceability of Safety Components, which proposes a procedure for digitalising information, implemented via QR Code.

There was also a discussion on **EN 81-20** and on the need to include sufficiently detailed specifications on how to comply with essential safety requirements, something that is not done now, which is a matter of concern for EFESME; **Eco-Design** was also discussed, as were the study carried out by Fraunhofer in this regard and the participation of EFESME and ELA in the meetings, where there were no the conflicts that Fraunhofer wanted to point out; the **Energy Performance of Buildings Directive (EPBD)** was discussed, too, specially regarding the fact that lifts should not be part of it, to avoid an additional financial burden.

According to EFESME, it would be appropriate to start having trialogues again, also involving ELCA, whose positions are closer to those of EFESME, but for now this still does not seem feasible, due to some disagreements at staff level between ELA and ELCA that have made the relationship tense.

At the first EFESME/ELA bilateral meeting in **2019**, which took place on **6 May 2019** in Brussels, the two organisations spoke mainly about **Eco-Design**. ELA's position in this regard, that lifts should not be part of the Directive, has not changed in recent months. ELA collaborated with Fraunhofer during the study, but some unsharable potions were reached, so ELA believes that a position should be taken on this issue, both technical and political, stressing that the elevator sector has legitimate concerns about the process followed by Fraunhofer during the study.

EFESME shares ELA's concerns and position: our Federation pointed out that the Commission had never properly consulted the lift industry, which was only informed that Fraunhofer had been commissioned to carry out a study on the subject.

Given the short time to write a common technical letter, the two associations decided to write a political letter to be addressed to the European Commission to set out the position of the two associations on this important issue. Two separated technical letters were sent in May 2019.

Another important aspect, which was discussed during the various meetings and is of great interest for EFESME's 2019 activities, is the cross-cutting interest for digitalisation and cybersecurity with regard to lifts.

Both EFESME and ELA, with the support of their experts and members, have realized the importance that these two phenomena are acquiring in the current reality. ELA reported that they will create a working group on the subject, and EFESME has announced its 2019 plan of activities, aimed at the study of these two phenomena and the production of documents and positions that can be of support to our members.
COMMUNICATION AND MEDIA

In an increasingly dynamic and changing environment, an agile, fast, and always up-to-date communication strategy is essential in order to increase the visibility of our activities within the sectorial press, the stakeholders, and the organizations we work with.

Over the past two years, EFESME has worked to strengthen its visibility and external communication strategy to bring us closer to our readers and our audience, and to make the documents we produce and the news directly relevant to our sector more easily accessible.

In addition to constantly updating our website, EFESME regularly uses social media, in particular Facebook, LinkedIn and Twitter, to distribute and obtain news, updates, and information that are useful for our work and for our members.

In addition, the bimonthly newsletter includes EFESME activities, legislative updates, various updates on the material produced and published, the agenda of meetings attended by our experts and of the upcoming events, and any other information useful to us.

You can receive the newsletter, which is also available on our website and on social media, by contacting the EFESME Secretariat and registering to the service.

Iscriviti alla newsletter di EFESME inviando un’e-mail a secretariat@efesme.org
Supporting documentation
SMALL BUSINESS STANDARDS

SBS’ mission

- Represent the interests of SMEs in the standardisation process
  - CEN
  - CENELEC
  - ETSI
  - ISO
  - IEC
- Raise awareness of SMEs for standardisation
- Motivate SMEs to become involved in the standardisation process

What does SBS do?

Awareness-raising & motivate SMEs to become involved in the standardisation process

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<td>Engage with stakeholders involved at international level</td>
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<td>Engage with National Standardisation Organisations</td>
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What does SBS do?

Represent and support SMEs in standardisation

**TECHNICAL**
- 60 experts in > 200 TCs/WGs in approx. 20 sectors
- Participation in TCs, WGs etc. to ensure that the standards developed are SME compatible
- Member of relevant committees of the European Commission e.g. medical devices

**POLITICAL**
- Member of the governing bodies of the European Standardisation Organisations
- Observer in the European Commission Committee of Standards
- Member of the Steering Committee of the Joint Initiative on Standardisation

Members
In order to reach the objectives of its environmental policy, the EU adopted a series of legislative acts with the goal of improving energy efficiency and reducing the environmental impact of buildings and industrial products. Among these acts, we mention the Regulation (EU) 2017/1369 on energy labelling and the Directives 2012/27/EU on energy efficiency, 2010/31/EU on the energy performance of buildings (EPBD) and 2009/125/EC on the eco-design requirements for energy-related products, more commonly known as the Eco-design Directive.

For the time being, lifts are not included in the scope of the legislations mentioned above(1). Indeed, they are explicitly excluded from the scope of the Regulation 2017/1369 on energy labelling – whereas n°4 recites: “[…] As the energy consumption of means of transport for persons or goods is directly and indirectly regulated by other Union law and policies, it is appropriate to continue to exempt them from the scope of this Regulation, including means of transport with a motor that stays in the same location during operation, such as elevators, escalators and conveyor belts”. However, lifts have been included in the product list of the Working Plan 2016-2019 of the Eco-design Directive. This list consists of products for which it has been estimated a relevant potential in terms of energy saving and environmental impact. The inclusion of a product in the list of the Working Plan leads to the launch by the European Commission of a preparatory study aimed at the verification of the concrete possibility to reach an improvement in the environmental impact of the product, including the relevant aspects of the circular economy (reparability, life cycle duration, reuse and recycle, etc.).

The EC awarded the preparatory study for lifts to a consortium led by the Fraunhofer ISI, a German research institute for energy technologies. The study needs to provide an analysis of the relevant technical, environmental and economic aspects related to the lift sector; consequently, the EC will be able to execute an impact assessment that will allow deciding, after the consultations with the stakeholders, whether to widen the scope of the Eco-Design Directive to lifts. In case the scope will be widened, the EC can decide to approve either an implementing measure, in which it fixes the specifications for the eco-design for lifts (in line with the Annexes I and/or II of the Directive), or a self-regulation measure proposed by the industry and elaborated in accordance with the Annex VIII of the Directive.

The preparatory study on lifts has started in the second half of 2017 and will last two years, according to a pre-established scheme. During this two-year period, the consortium foresees three stakeholder meetings, one of which took place on February 21st, 2018, in Brussels at the EC DG GROW venues. The study consists of seven tasks: the tasks one, two and three, whose draft reports have been presented and discussed during the meeting, focuses respectively on the scope of the study, the market and the users.

(1) Some Member States, in particular Portugal, Denmark and Italy, voluntarily included in their national implementation of the EPBD Directive some requirements related to the energy consumption of lifts.
According to the report presented during the meeting, the scope would coincide with the one of the Lifts Directive 2014/33/EU; as a consequence, lifting platforms and homelifts would be excluded. In this regard, EFESME raised the attention on the fact that it has to be carefully considered whether to include in the study and, therefore, in the possible, future implementing or self-regulation measures, the homelifts. Their exclusion could probably alter competition in the market of low-rise buildings (up to three or four stops). EFESME and the other stakeholders raised further points also during the discussions of the tasks “Market” and “Users”. All documentation, including the minutes of the meeting, is available on the webpage of the study.

As a principle, from the lift SME point of view, it would be preferable that lifts would not be subject to any European energy or environmental legislation. The extension of the scope of the Eco-design Directive to lifts would inevitably lead to a supplementary economic burden to be added to those ones necessary to comply with the already existing legislative obligations deriving from the Lifts, Machineries and Electromagnetic Compatibility Directives. However, the common and widespread need to reduce the energy consumptions and the environmental impact also in our sector pushes inevitably towards a sort of regulation on the mid-long term also for lifts, which have a relevant impact, especially in some particular cases, in terms of energy consumption. SBS commits, with the support of EFESME, to supervise that the obligations for the lift sector will not be too onerous, but proportionate to the energy savings that can be achieved with a reasonable value for money. Moreover, the two organisations will verify that the all measures foresee a reduced impact on SMEs, as established in the EU legislation.
On September 21st, 2016, the European Commission sent a “standardisation request to the European Committee for Standardisation (CEN) as regards lifts and safety components for lifts in support of Directive 2014/33/EU (Lifts Directive) of the European Parliament and Council”. The EC Mandate M/549 – this is how the request is commonly known – asks CEN to draft harmonised standards (hEN) supporting the implementation of the essential health and safety requirements (EHSRs) inserted in Annex I of the Lifts Directive 2014/33/EU and to align the existing hENs to the same Directive. In addition, Annex I of the Mandate clearly states the need to favour a fair competition in the internal market, as well as to prevent from restricting “access to relevant diagnostic data, related interfaces and tools”. The deadline for the adoption of the new hENs by CEN was established within eighteen months from the notification of the Mandate, i.e. by the end of March 2018.

This is not the first time that the EC asked CEN to intervene on data accessibility. At the beginning of 2008, the Lifts Working Group of the EC stated the importance of free access to data by the maintenance companies. The position had been highly encouraged by a joint letter to the EC signed by EFESME, the European Lift Component Association (ELCA) and NORMAPME (the association representing SMEs in standardisation prior to the establishment of Small Business Standards) in October 2007. In the joint letter, the three organisations opposed the PESSRAL (Programmable Electronic Systems in Safety Applications for Lifts) by accusing it to hamper competition in the lift maintenance market. As a result, in April 2008 Mr Pedro Ortún from the EC sent a letter to CEN presenting the position of the LWG and presenting a formal request to consequently amend the existing hENs. Despite the attempts of mediation started in 2008, CEN eventually did not sufficiently and satisfactorily take into account the request of the EC, that are in line with the needs of lift SMEs. As the 2016 request is even quoting some parts of the text of Ortún’s letter, it is evident that the EC did not consider the current standards a sufficient guarantee for the availability of all the instructions and service tools needed for a safe operation of lifts, once they are put into service.

It is clear that a correct implementation of the requests of the EC is fundamental for those companies operating in the lift maintenance and repair – a market mostly consisting of SMEs. Therefore, since the acceptance of the Mandate by CEN, SBS, with the support of EFESME, strictly followed the implementing process. Already in the first phase of the process, the two associations highlighted some incongruences from the CEN side, starting from the delay in the presentation of the Work Programme – the Mandate specifies also the deadline for presenting the WP and reporting – to the EC. Backed by the EC, SBS and EFESME started a dialogue with the CEN TC 10 in which the two parts confronted their views on the implementation of the Mandate. During a meeting in late September, the CEN TC suggested SBS to present concrete proposals to be discussed within the CEN TC10 WG1. As a consequence, the EFESME experts drafted two technical documents that SBS submitted to the CEN TC10 in early December.
As ensured by CEN during the meeting of the EC Lifts Working Group on January 17\textsuperscript{th}, 2018, the documents were discussed during the WG1 meeting in Milan on March 14\textsuperscript{th} – 15\textsuperscript{th}, 2018. All the comments raised by SBS were quickly analysed in order to clarify the real meaning of each request. This allowed a common understanding of the issues at stake, for the WG1 Convenor to be able to provide, for each item, his first proposed answer according to his own point of view. These preliminary answers should be circulated in early May to all the WG1 experts for comments, which will be part of the agenda of the next meeting, scheduled in Brussels on June 27\textsuperscript{th} – 28\textsuperscript{th}.

The implementation process is still ongoing, but this time the conditions for SMEs seem to be more positive than ten years ago, taking into account the numerous references in the draft of the “Guide to the application of the Lift Directive 2014/34/EU”, that is supposed to be released soon. The text supports many of our requests of modification, such as those listed below:

- Paragraph 35 – “The Lifts Directive requires the installer of the lift to design the lift in such a way that maintenance, inspection and rescue operations can be carried out safely. The lift installer must also provide the necessary special tools and appropriate instructions for maintenance, inspection, repair, periodic checks and rescue operations that must accompany the lift in order to be available on site”;
- Paragraph 183 – “Paragraph (e) of point 1.1.2 of the Machinery Directive implies that, when special equipment, such as special tools or software is necessary for safe and effective execution of maintenance or rescue operations, such equipment should be supplied with the lift by the installer when the lift is placed on the market”;
- Paragraph 212 – “If special equipment is needed to release and evacuate trapped people, it must be supplied with the lift by the installer when the lift is placed on the market so that it can be kept permanently available on site. However, in certain extreme cases (for example, the failure of the suspension or support system), it may be necessary for the rescue service to use special equipment that is not supplied with the lift installation and that cannot be kept on site”;
- Paragraph 221 – “In order to ensure that the necessary information is available to the people in charge of the in-service inspection and maintenance of the lift, the relevant instructions for the inspection purposes and maintenance of the safety components that are incorporated into the lift, including instructions for the use of any special equipment or software that may be needed, must be included in the instruction manual for the lift referred to in point 6.2 below, in the language determined by the Member State concerned and easily understood”;
- Paragraph 222 – “The lift installer’s instructions must provide the information on the use of any special equipment, such as special tools or software, necessary for the safe and effective maintenance of the lift or for rescue operations”.

SBS and EFESME will continue following the implementation of the EC Mandate M/549 to CEN, in defence and support of lift SMEs reasonable expectations.
On 31 May 2018, in Brussels, EFESME (European Federation for Elevator Small and Medium-sized Enterprises) organised the SBS Seminar Making Safety Standards for Lifts “Global”. The audience, consisting of officers and entrepreneurs, learned about the process of converging safety standards for lifts, thanks to presentations from the Chairmen of the two Technical Committees involved in the process: Mr Esfandiar Gharibaan for the CEN TC 10 and Mr Gero Gschwendtner for ISO TC 178.

As mentioned by the SBS President, Mrs Gunilla Almgren, in her welcome speech, and by the EFESME Secretary General, Mr Luciano Faletto, in his closing remarks, the seminar offered a sufficient basis to understand the opportunities and challenges of the lift sector. Not only at the European level, but also at international level, to which lift SMEs are also subject.

**CEN**

In his presentation, Mr Gharibaan highlighted the work of the CEN TC 10 on improving the safety for lift users and operators. It took almost 10 years to finalise the amended version of the two former European standards, EN 81-1 (for electric lifts) and EN 81-2 (for hydraulic lifts). This work ended with the two new standards EN 81-20 (Requirements for complete passenger or goods passenger lift installations independent of the driving system) and EN 81-50 (Description of the examinations, calculations and tests of lift components used in any type of lift (passenger, goods passenger, goods only lift, etc.).

Mr Gharibaan also explained all the major modifications introduced to improve the level of safety for lift users and service operators. For the currently developed amendment of the EN 81-20/50, he underlined that the proposal submitted by SBS is still on the table of the WG1; this was confirmed by the SBS expert attending that WG. Moreover, Mr Gharibaan presented the milestones of the Roadmap to the convergence of CEN and ISO standards, approved by both standardisation bodies. The Roadmap is developing in three main phases: the identical adoption of the EN 81-20/50 as ISO 8100-1/2 with the necessary regional differences; the adoption of a unique ‘EN ISO standard’; and regular revision of the latter, aimed at gradually reducing regional differences. According to the Roadmap, the two standards are supposed to coexist in a first period. The EN ISO 8100-1/2 will then enter into force in July 2021 and the EN 81-20/50 will be withdrawn in July 2023.

**ISO**

During his presentation, Mr Gschwendtner introduced the audience to the ISO world, and in particular the TC 178, established in 1979. He pointed out that the number of codes has been drastically reduced, from the original 27 to the current three (the North-American A17.1/B44, the European EN 81 and the Japanese JIS).
This value eventually will decrease to one, after the convergence has been completed. Mr Gschwendtner also explained the dual safety paths currently existing: the ‘performance-based’ approach supported by a conformity assessment with reference to the Global Essential Safety Requirements, and the ‘prescriptive-based’ approach built on the presumption of conformity given by the harmonised standards.

Turning to convergence, Mr Gschwendtner provided a clear, concise and very detailed explanation of the complicated roadmap in place now. This roadmap will allow coordination of all the necessary activities, which are required to monitor the progressive definition of all the details leading to the expected convergence of three international standards into the final one. The presenter’s explanation brought some much-needed clarity about a very complicated and time-consuming matter.

In the Questions & Answers section, the numerous requests from the audience underlined that SMEs have only recently started paying attention to standardisation, especially at the international level, after the growing expansion of their businesses outside national borders. Focusing on the specific issue of the globalisation of lift safety standards, those enterprises taking part in this convergence process are increasingly keen to understand the timetable, the objectives and the expected impact on their businesses. They also want to be the main players of their sector.

In his conclusions, Mr Faletto mentioned the opportunities and challenges of this convergence process. It is evident that the unification of codes brings advantages in the wider international market. This unification will facilitate not only our lift businesses, but also an improvement in the safety of lift users and operators. Nevertheless, the use of international standards to support European regulations is neither simple nor automatic, as the European and international systems have different bases.

Recognising the need to align regional standards, SBS and EFESME are ready to act as “facilitators”, to quote SBS President Gunilla Almgren, in this convergence process. However, to fulfil the task, SBS and EFESME are calling for a transparent, open and honest dialogue among the different actors.
Improving safety of existing lifts: prEN 81-80 is ready for formal vote

October 2018

Last June, CEN TC10 submitted to its members and the European National Standardisation Organisations (NSOs) the proposal to launch the formal vote on the new edition of the standard EN 81-80 (Rules for the improvement of safety of existing passenger and goods passenger lifts). The 2018 project standard addresses all the comments received from the NSOs after a CEN Enquiry in 2016 negatively assessed the first proposal. This time, the NSOs voted to launch the formal vote, which is expected to be completed by the end of 2018.

EN 81-80:2003 was developed to establish a methodology to specify, at national level, procedures for improving the safety of existing lifts. The standards provided technical specifications for the voluntary implementation of Recommendation 95/216/EC of 8 June 1995 concerning improvement of safety of existing lifts.

More than six million lifts are in use today in Europe and approximately half of them were installed more than 20 years ago. These lifts were installed to the safety level appropriate at the time of installation, so they now inevitably have different levels of safety. However, users expect a common minimum level of safety wherever they go. A full revision of the original lifts standard was thus needed to take into account the new state-of-the-art reflected in EN 81-20 and the experience gained from application of EN 81-80:2013.

The main changes in the new edition of the standard can be summarised as follows:

- Eleven new hazards have been added: some of them are newly covered by EN 81-20, the others come from the experience acquired since the first publication of EN 81-80;
- Following the inclusion of the new hazards mentioned above, the drafters changed the numbering to keep a logical order of hazards in line with the sequence in EN 81-20:2014;
- The methodology for identifying the hazards, the evaluation of the hazardous situations and the risk levels, as well as the classification of priority levels including the filtering process, have all been moved to chapter 5;
- All technical requirements for protective measures have been incorporated in the checklist in the normative Annex A. The latter now combines the previous chapter 5 and the previous checklist in Annex A;
- The checklist also contains a column in which the risk levels and subsequent priority levels for items in compliance with EN 81-1/2:1998 or items upgraded according to EN 81-80:2003 are listed in relation to today’s state-of-the-art, according to EN 81-20:2018.
Once the new standard has been approved as EN 81-80:2018 (or EN 81-80:2019), the NSOs may consider undertaking a national filtering. The aim would be to review priority levels, taking into account local requirements and the peculiarities of their national pool of lifts.
Implementing standards:
Tracing systems for safety components monitoring

November 2018

The Lifts Directive 2014/33/EU applies to new lifts placed on the EU market and to safety components either manufactured in the EU or imported from third countries. It applies to the whole production chain and sets out the obligations and responsibilities of the different economic operators along the supply chain.

The preamble of the Directive states that “ensuring traceability of a safety component for lifts throughout the whole value chain helps to make market surveillance simpler and more efficient. An efficient traceability system facilitates market surveillance authorities’ tasks of tracing economic operators who made non-compliant safety components for lifts available on the market”.

According to the Lifts Directive, the manufacturer of the safety component has to know to whom (s)he has sold his/her product and the link between component and manufacturer (most likely based on the brand and the batch number) should be easily recognisable. Likewise, there should be a recognizable connection between the manufacturer, the distributor of the component and the installer who placed in the market the lift on which the component was installed. It is therefore necessary that the national bodies monitoring the supply chain keep track of the components, so as to go back to those responsible in case problems arise.

In order to implement, as best as possible the Directive, all economic operators (manufacturers, installers, importers, authorised representatives and distributors) must ensure a proper and correct tracing of the safety components.

Safety components manufacturers should have a national database, regularly updated, to track all the pieces they produce. This database should include all the data that might be useful in tracing and monitoring a component, such as its name, its type, serial or batch number, when and where it was manufactured, the certificate number/EU declaration of conformity, the economic operator to whom it was supplied. In the same way, installers should create their own database reporting all the relevant data of the lifts they placed on the market and of the incorporated safety components. Moreover, they also need to register and track the safety components installed when modernising or repairing an existing lift. Similar obligations apply to authorised representatives, importers and distributors dealing with safety components for lifts.

EFESME, SBS member, will soon produce guidelines and model databases that will support SMEs in their efforts to comply with the traceability requirements of the Lifts Directive.
Lifts and the Eco-design Directive:
Second phase and updates

December 2018

The Directive 2009/125/EC on the eco-design requirements for energy-related products, better known as the Eco-design Directive, is intended to help the EU reach its goals in terms of energy efficiency, energy consumption, and environmental impact.

In March 2018, SBS published an article on this same subject. It set out the likely implications for lifts of legislation stemming from the Eco-design directive. The information provided at that time also included the work of the 1st Eco-design Lifts Stakeholder Meeting which took place on February 21st 2018 in Brussels in the premises of the EC DG GROW. This meeting was organised in the framework of a preparatory study launched by the European Commission to find the most appropriate ways to reach its environmental policy objectives i.e. the so-called 20-20-20 climate & energy package objectives.

During the first meeting, the Consortium team presented the first three tasks of the study, widely commented in the previous SBS article, and asked for comments. Afterwards, the team collected the feedback of the stakeholders, as a contribution for the preparation of the second phase of the preparatory study. The results were then presented and discussed during the 2nd Eco-design Lifts Stakeholder Meeting that took place on 17 September 2018.

On that occasion, the Consortium team presented a further set of four tasks with some specific draft proposals for the evaluation of the energy consumption and environmental impact of possible “Base Case type of lifts”, in view of identifying the “most suitable best practices” to be proposed as reference benchmarks. Most stakeholders did not share those proposals and this led to the need to review the proposed procedures and seek more detailed information on both the foreseeable lift replacement trend and future construction market trends.

These further information would help to better match the likely development of the lift products and the forecast of expected improvement of the energy consumption and environmental impact of lifts in the years to come.

The major disagreements related to the following aspects:

1. The focus on energy consumption aspects: A previous project, the E4 Project was the first attempt to evaluate the average energy consumption of the lifts operating in the market. The current study has now to consider the market conditions of the lifts currently available, which, from the point of view of energy consumption, are more efficient than those taken into account at the time of the E4 project.
In addition, the evaluation of the Life Cycle Assessment (LCA) - for lifts installed in midrange residential buildings with low to medium level of traffic and which represent an important share of the segment of buildings that the energy consumption of those lifts does not affect significantly the final results of their LCA. In fact, in that segment of buildings, that are a typical market for the lift SMEs, the traffic is moderate and the energy consumption of the lift is mainly due to the stand-by state. The energy consumption can be significantly reduced simply by acting on the lighting system, an often economically viable and easy practice.

2. The 5% lift replacement rate per year: the European average rate of replacement is of 2%.

3. The proposal to limit the useful lifetime of lifts to 20 years is unrealistic: the current lifetime of lifts substantially exceeds 40 years because of,
   - the average longevity of buildings, especially residential buildings, in which lifts are installed;
   - the great discomfort for the people living in the building caused by the enormous and lengthy work needed to replace existing lifts while the building is still inhabited;
   - the high cost of replacing lifts which, in most cases, cannot be recovered, within a reasonable time, if the decision to replace a lift is based only on energy consumption reduction exemptions.
   - the need to take into account the circular economy. This requires that any product, especially the energy-related products, should be designed and manufactured, as far as possible, to last longer and to be more easily repairable, so as to increase the lifetime of the product.

During the meeting, participants highlighted the need for any additional burden to be kept to a minimum, especially for SMEs, and that the burdens should be proportionate to the impact on the market of the company.

At the closing of the meeting, DG Grow representative, Mr. Cesar Santos, suggested that stakeholders start considering the possible alternative option of looking for a largely shared set of requirements as a voluntary proposal of self-regulation for lifts.

These requirements to be agreed by the utmost part of the stakeholders, might be jointly submitted to the European Commission as a set of viable “fully agreed upon Voluntary Self-regulation”. This could still lead to the achievement of the objectives according to the EU Goals in term of improved environmental impact for the future.

The Consortium team is currently going on with his works on this topic, in view of the third stakeholders’ meeting, planned to take place on 11 of March 2019, after which some more updated information will be made available.
Press release

MASSIMO BEZZI IS THE NEW EFESME PRESIDENT

Brussels, June 1st, 2018

Following the General Assembly meeting held on Thursday, May 31st, the European Federation for Elevator Small and Medium-sized Enterprises (EFESME) announces the appointment of the new Board of Directors.

The EFESME members unanimously appointed Mr Massimo Bezzi as EFESME President. Involved in the Federation since its establishment and Vice President since 2008, Bezzi is deeply involved at the national, European and international levels, being Board Member of ANACAM (Italy) and Elevator World Inc. (USA) and the EFESME representative in the General Assembly of Small Business Standards. During this term, Bezzi will continue being in charge also of the Treasury, a role he has covered since June 2017.

Former President, Mr Marcel Boutilier, has been appointed as Vice President, whereas Mr Luciano Falletto has been reconfirmed as Secretary General.

EFESME would like to thank Mr Ralph Kanzler for the support given during his Vice Presidency.
Press release

SBS LIFT FORUM ON DIGITALISATION

Brussels, December 19th, 2018

On December 18th, EFESME organised the SBS Lift Forum on Digitalisation, in the framework of the 2018 SBS sectoral approach. Its’ also the second forum of this kind, after the successful first edition last year, when the agenda was focused on standardisation itself. This year event, moderated by Mr Eugenio Quinteri from EBC - European Builders Confederation, gathered experts, both from the European Commission and from the lift sector, national stakeholders and members of different organization.

After the welcoming address by Mrs Christel Davidson, SBS Director, and Mr Massimo Bezzi, EFESME President, the first of the two sessions of the day, more purely focused on the Digitalisation, began with the presentation of Mr Luis Carlos Busquets, Programme Officer at the European Commission, DG CONNECT, Unit E3 (Cloud and Software). Mr Busquets presented the Cloud Policies of the European Union, underlining the importance and potential of the free flow of data and of the Cloud system in research programmes.

The first session continued with Mrs Véronique Willems, SMEUnited Secretary General, who spoke about the digital transformation for SMEs, the challenges that this process poses to small and medium-sized European companies, and which might be the best approaches in this regards. Mrs Willems also made available to our guests a valuable SMEUniteds position paper on digitalisation.

Following SMEUnited’s presentation, the forum went more into details with Mr Vesa Katajisto, Policy Officer at the European Commission, DG GROW, Unit C3 (Advanced
The second session, on the other hand, saw two presentations, one by Mr José María Compagni and the other by Mr Luciano Faletto. Our first speaker, Mr Compagni, is Academic Director at Docensas, associate professor at IE University, as well as Coordinator of FEPYMA, the Spanish federation of SMEs of elevators, has a long and valuable experience in the lift sector. He decided to focus his presentation on the Spanish national registration system, introducing our guests to the two Spanish lift registers: the Public register of elevator companies and the elevator equipment registration. The data concerning lifts available in these registers are submitted by electronic means, hence underlining again the growing importance and potential of Digitalisation for the lift sector.

Finally, Mr Luciano Faletto, EFESME Secretary General and ISO expert, showed the importance of shared and available instruction for use, presenting as a poignant example of the lack of shared standards the disastrous consequences of the 1904 Baltimore fire, which led to the national standardisation of firefighters equipment around the United States. This example served Mr Faletto to introduce the topic, and to underline the need of instruction for use and how to improve their availability.

After the end of the presentations, which are already available on the EFESME website, the Q&A session offered positive inputs for reflection, which were used by the speakers to go more in detail on certain topics.

EFESME and SBS thank all speakers and participants and invite all interested people to the 2019 edition of the SBS Lift Forum.

The SBS Lift Forum is organised in the framework of Small Business Standards, mandated by the European Commission and co-financed by the European Commission and the European Free Trade Association.
EFESME General Assembly and Board of Directors, 18th December 2018

Brussels, January 14th, 2019

The last EFESME General Assembly and Board of Directors were held on the 18th of December 2018, at the SBS premises in Brussels. During the meeting, the representatives of the National Organizations discussed the most recent updates on the 2018 SBS call and on past year activities within it, and expressed their satisfaction with the considerable achievements reached in 2018.

Appreciation was also expressed for the SBS Lift Forum on Digitalisation organized in the morning of the same day, and which saw the participation of officers of the European Commission, as well as important representatives from Small Business Standard and SMEUnited, both important partners of EFESME, and from FEPYMA, one of the members.

The members took the opportunity to reiterate the importance of collaborating with the European Commission to obtain the best possible results to defend SMEs, and hope that these good relations will be maintained and strengthened during the incoming year. Such a relationship of trust with the Commission is a source of pride and satisfaction for EFESME, and proof of the considerable work done so far.

Moreover, considering the quality of the work done with SBS in 2018, the members hope that this collaboration will continue successfully in the 2019 call, so that the projects planned for the New Year repeat the successes achieved in 2018.
EFESME New Member
Bulgarian Association of Lift Manufacturers

Brussels, January 18th, 2019

EFESME new member is the Bulgarian Association of Lift Manufacturers – BALM. It replaces Prolift as the delegate from Bulgaria within EFESME, representing twelve small and medium-sized enterprises working in the Bulgarian territory.

All the companies part of BALM all manufacturing SMEs, and, in addition, many of them are providing also maintenance and installation services for lifts and escalators.

Mr Damyan Petrov, Managing Director of Prolift and its representative in EFESME, will be now representing the Bulgarian Association, and will continue to stand for Bulgarian SMEs within EFESME, in its work, and during its meetings.

The official web site of the Bulgarian Association of Lift Manufactures is www.alplift.bg, and will be soon be available in both Bulgarian and English.

The address of the association is 7, Filip Kutev Str., 1407 Sofia, Bulgaria.
Press release

Manifesto EFESME 2019-2024
5 Proposals to grow together

Brussels, May 17th, 2019

In the light of the forthcoming 2019 European Elections, and taking into account EFESME’s daily commitment to defending, supporting and promoting SMEs and their rights in Europe, EFESME is pleased to present the EFESME Manifesto 2019-2024.

The document was developed together with our experts after analysing and studying the needs of SMEs at national level. It describes the commitments that EFESME intends to make over the next five years, and the path it intends to follow when working with the new European Commission and the new European Parliament, to promote at its best the work on SMEs in the lift sector.

Five are the areas of action identify as fundamental for the next five years:

1. A more entrepreneurial society
2. More appropriate and SME friendly standards
3. A true implementation of the Single Market
4. Safer and more highly qualified personnel
5. Support for Digitalisation

This Manifesto is intended to be a declaration of both political and practical intents.

Political, because we believe that the involvement of the European Commission and the European Parliament in the life, work and everyday challenges of SMEs is
necessary to create a strong link between the European institutions and the workers they defend and serve, and to create a virtuous process of accountability.

Practical, because each area of action identified by this Manifesto has, and will increasingly have in the future, very positive material effects on the work of SMEs.

Over the next five years, EFESME, its members, and its experts will continue to work in support of SMEs, with increasing commitment. This Manifesto represents our best intentions, our promise to our members and our industry, and a clear and ambitious path to follow in the coming years to achieve goals that are ever more positive for SMEs.

The PDF of the Manifesto EFESME 2019-2024 is available here:

- English version
- Italian version
- French version
- German version
- Spanish version

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EFESME - EUROPEAN FEDERATION FOR ELEVATOR SMALL AND MEDIUM-SIZED ENTERPRISES aisbl
6, Rond-Point Schuman - 5th Floor c/o Confindustria Imprese - B-1040 Brussels
Tel: +32 2 2307414 - E-mail: efesme@efesme.org - www.efesme.org
5 proposals to grow together

The lift industry is highly specialised but has a constant impact on everyday life, often without us realising.

Lifts have been carrying us up and down buildings for two thousand years and are the second most used means of transport after the car.

All recently constructed buildings include at least one lift and even older buildings are increasingly being equipped with such a system during restoration. Lifts are found in private homes and public buildings, carrying both passengers and goods, and have become a fundamental part of daily life.

Across Europe, micro and small businesses operating in this industry work every day according to high quality and safety standards to guarantee safe, efficient and functional products and services, and to build machinery that combines quality and functionality.

EFESME, the European Federation for Elevator Small and Medium-sized Enterprises, has been the voice of this industry vis-à-vis European institutions and both European (CEN-CENELEC) and international (ISO) standardisation bodies for 14 years.

Representing 15 national associations and 14 Member States, EFESME works side by side with the European Commission and the European Parliament to defend the interests and rights of micro SMEs, and to create a network that allows its members to share information, collaborate and strengthen their position in the market.

A transparent lobbying and advocacy activity, supported by the work of technical experts, is increasingly aimed at achieving the objectives of a fairer and more inclusive Europe, which is tailored to micro and small businesses and increasingly applies the “Think Small First” principle.

European Federation for Elevator Small and Medium-sized Enterprises aisbl

EFESME

The Voice of Lifts Crafts and SMEs in Europe
www.efesme.org
Manifesto EFESME 2019-2024

5 proposals to grow together

- Review and strengthening the Small Business Act (SBA), making it a mandatory provision.
- A policy for MSMEs in line with the "Think Small First" principle, the application of the MSME test, and the development of an action plan for MSMEs.
- Simpler and less expensive European legislation.
- Use of European funds to strengthen the capacity of craft organizations and MSMEs to participate in European Union adaptation processes.

A more entrepreneurial society

- Promote a standardisation system tailored to MSMEs.
- Standardisation processes that are easier to access for MSMEs.
- Provide a streamlined approach to drafting standards, which facilitates and responds to the needs of MSMEs.
- Ongoing support for the representation and defense of MSMEs in standardisation processes at all levels.

More appropriate standards

- The right balance between the interests of MSMEs and those of other stakeholders.
- Combating unfair competition practices and provisions on relations between companies.
- Reducing late payments, including a stronger enforcement of the current legislation.
- Correct application of a fair internal market.

A true implementation of the single market

- Promotion of continuous professional training and apprenticeship, including a dual system.
- Support for education, training and consultancy programmes for entrepreneurs and exchange of best practices.
- Support initiatives aimed at identifying and foreseeing skills needed in the lift sector.
- Increase support for training, awareness and sharing of good practices on health and safety at work.

Safer and more highly qualified personnel

- Equal access to data for MSMEs, investment in cyber-security and greater commitment to artificial intelligence.
- Creation of an environment conducive to developing the digital skills and capabilities of companies.
- An enabling, flexible and future-proof legal framework for digital pioneers, which guarantees fairness, transparency and a level playing field for all businesses.
- Guarantee an appropriate regulatory framework on data policy, in order to ensure an adequate standard of data quality and management.

Support for digitalisation

European Federation for Elevator Small and Medium-sized Enterprises aisbl

The Voice of Lifts Crafts and SMEs in Europe

www.efesme.org
Press release

SBS LIFT FORUM
DIGITALISATION IN THE LIFT SECTOR

Brussels, May 28th, 2019

On May 23rd, EFESME successfully organised the 2019 edition of the SBS Lift Forum on Digitalisation, in the framework of the 2019 SBS sectoral approach. This is the third edition of this forum, after a very promising start in 2017, when the agenda was focused on standardisation, and last year successful edition, which marked the starting point of EFESME’s work and study of digitalisation in the lift sector.

This year, the forum agenda focused on the opportunities and risks created by digitalisation in the lift sector. Following President Massimo Bezzi’s vision, EFESME decided to study in depth the more promising aspects of digitalisation, as well as the threats it may pose to small and medium enterprises that do not know this phenomenon well enough to understand its numerous and very different sides.

The day started with EFESME President, Mr Massimo Bezzi, opening the event by presenting and explaining why EFESME chose digitalisation as the main topic to analyse and study during the next years. In his speech, the President underlined how EFESME believes that digitalisation can have very positive effects in the daily work of SMEs, but can also create risks and threats that may seriously damage them.

Download - President Bezzi’s speech on digitalisation in the lift sector

To follow this idea, EFESME organized the forum in four different sessions, spanning a day. The first two, which saw presentations from the European Commission and different European organizations, such as SMEunited, CEN-CENELEC, and IDC - Innovation and Development Consulting, were more theoretical, to give to our guests a general idea of what digitalisation is and how it can involve the Lift sector.

EFESME - EUROPEAN FEDERATION FOR ELEVATOR SMALL AND MEDIUM-SIZED ENTERPRISES asbl
6, Rond-Point Schuman - 5th Floor c/o Confartigianato Imprese - B-1040 Brussels
Tel: +32 2 2307414 - E-mail: efesme@efesme.org - www.efesme.org
The first speaker of our first session was Mr Luc Hendrickx, Director of SMEunited. Mr Hendrickx, who was also the moderator for the day, explained to the audience what SBS - Small Business Standards is, and what are its commitments and policies regarding digitalisation and SMEs. He showed how rather frequently SMEs do not have basic digital skills, and underlined the importance to invest in continuous training to keep SMEs up-to-date with the most recent digital innovation. On the other hand, Mr Hendrickx also introduced Cybersecurity, a topic that was deeply explored later in the day.

Following Mr Hendrickx's speech, Mr Martin Übelhör, Head of Sector for Cybersecurity investment, research and industrial policy at DG CNECT, spoke about the Cybersecurity policies the European Commission has developed, with a special attention to capacity building and SMEs. Mr Übelhör highlighted the need for digitalisation for companies, and how they are not making the most of it, agreeing on what was previously stated by Mr Hendrickx. He also explained what the European Innovation Hubs are, which is the Cybersecurity policy of the EU, and what are the EU initiative to support companies and SMEs in digitalising and protecting themselves.

The second session saw speeches from CEN-CENELEC and IDV - Innovation and Development Consulting.

Mr Constant Kohler, Programme Manager in the standardisation department of CEN-CENELEC, presented the work these organizations are doing regarding digital transformation and the opportunities this phenomenon is creating for SMEs. He showed how digitalisation is a challenge for standardisation, presented CEN-CENELEC priorities in this field, and introduced the audience to the CEN-CENELEC Strategic Plan for Digital Transformation and to its four pilot projects, giving some very interesting inputs to his public.

The next speaker was Mr Davide Meinero, Managing Director at IDV, who presented his work into and the results of the CECE’s research on Digitalising the Construction Sector. He underlined the meaning as well as the impact and barriers of digitalisation, the need for new skills and competences, as well as the existence of valid case studies that can be
examples to study and follow to see how digitalisation have been implemented in an area rather near to and quite involved with the lift sector.

Download - Digitalising the Construction Sector

Download - CECE’s research on Digitalising the Construction Sector

The afternoon sessions, on the other hand, were more practical, as they were about actual innovations, problems, ideas, and difficulties met by SMEs already using several digital means in their daily work. These sessions saw presentations and case studies from Sweden, Italy, and Spain.

The first to take the floor was Mr Ivan Ferrarini, Director and Tech Area Coordinator of FARMA srl and EFESME/SBS expert, who presented the evolution of lift technology in the past two centuries, explaining which were the challenges and opportunities that every step towards the modern lift faced along the years. Mr Ferrarini also spoke about the need for an open system in the lift sector, and the equally important need for a higher cybersecurity to keep sensitive data safe. The Latin notion Quis custodiet ipsos custodes (“Who watches the watchers?”) was a poignant reminder of the risks of digitalisation.

Special thanks to Mr Lars Odlen, from Remote Quality Management, who prepared this presentation and was supposed to give it, but was unable to attend the forum.

Download - Lift Technologies: challenges and opportunities

After Mr Ferrarini, Mr Rocco Iacchetti, the Responsible for electronic development at Gruppo Millepiani S.p.a., presented this Italian SME as a pilot case of a SME using the Internet of Things (IoT) applied to the lift sector. Mr Iacchetti showed the audience how Millepiani integrated digitalisation in their plants, taking into account predictive maintenance, cybersecurity, and other important aspects to tackle different issues when installing a lift.

Download - IoT: Integration, Predictive Maintenance, Cybersecurity - an SME Pilot Case

The fourth and last session was focused on Spanish SMEs and case studies, thanks to the presentations of Mr Alfredo Gómez, Mr José María Compagni, and Mr Alexis Nadal.

Mr Alfredo Gómez, from ITAINNOVA, the Technological Institute of Aragon, presented another example of how digitalisation can create both opportunities and threats for a lift plant. Mr Gómez explained the concept of connected lift, what kind of technology is involved when dealing with lifts and IoT, and the challenges and the barriers an SME will find while working digitally.

Download - The Connected Lift: opportunities and threats
Mr José Maria Compagni, Coordinator of FEPYMA, the Spanish member of EFESME, and Owner and Managing Director at Decensas, took the floor as second speaker in this last panel. Mr Compagni presented a case study from FEPYMA itself, seizing the opportunity to show the need for a collaborative framework in the sector, for an improved communication between parties involved, and how FEPYMA is using digital means to always stay up-to-date in its daily work. Mr Compagni, too, explained and showed the existence of multiple challenges to SMEs in the lift sector when dealing with digitalisation, but, following the optimism that had been the leitmotiv of the day, supported the idea of using these challenges to improve SMEs.

Download - Challenges of Digital Transformation for the lift independent sector

Finally, Mr Alexis Nadal, CEO of Nayar Systems, spoke about machine learning and lifts, highlighting how IoT can be applied to a SME installing and maintaining lifts. Mr Nadal pointed out the importance of IoT, of big data, as well as of technologies such the A.I. and the Cloud, to show how it is possible to connect a lift to a network, what is necessary to do so, and why it is necessary to take specific steps and precautions while working with digitalisation.

Download - Machine Learning and Elevators

Different Q&A sessions along the day offered to the audience a good opportunity to investigate more in depth the topics explained during the forum. This led to a lively chat between the guests and the speakers, and allowed everyone present to explore new aspects and sides of the important phenomena of Digitalisation and Cybersecurity.

EFESME and SBS thank all speakers and participants, and invite all the interested parties to the seminar they will organize in Augsburg, on October 17th, on the occasion of the InterLift Fair.

Make sure to follow EFESME on its social media accounts (Facebook, LinkedIn, and Twitter) to stay up-to-date with our activities, and feel free to contact us at secretariat@efesme.org for more information about our work and activities, and to be added to our newsletter and news mailing list.
EFESME - EUROPEAN FEDERATION FOR ELEVATOR SMALL AND MEDIUM-SIZED ENTERPRISES aisbl
Rond-Point Schuman 6, c/o Confartigianato Imprese, 5th Floor, 1040 Bruxelles Tel: +32 2 2307414
E-mail: efesme@efesme.org - www.efesme.org