July 6th 2016

# FIEEC – ZVEI Conference

## Numérisation de l'industrie
## *Digitisation of industry*

FIEEC
FEDERATION DES INDUSTRIES ELECTRIQUES, ELECTRONIQUES ET DE COMMUNICATION

ZVEI
Die Elektroindustrie

17 rue de l'Amiral Hamelin - PARIS - FRANCE

FIEEC

FEDERATION DES INDUSTRIES ELECTRIQUES, ELECTRONIQUES ET DE COMMUNICATION

3 000 entreprises
100 milliards d'euros de CA
400 000 salariés
22 syndicats

3 000 companies
A turnover of 100 billion euros
400.000 employees
22 associations

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1 600 entreprises
178,5 milliards d'euros de CA
849 000 salariés

1 600 companies
A turnover of 178,5 billion euros
849.000 employees

ZVEI:

Die Elektroindustrie

FIEEC
FEDERATION DES INDUSTRIES ELECTRIQUES, ELECTRONIQUES ET DE COMMUNICATION

# Déclaration conjointe Franco-Allemande

ZVEI: Die Elektroindustrie

6 Juillet 2016

Paris FRANCE

L'Europe est à la croisée des chemins. D'un côté, la coopération internationale et la numérisation de notre monde sont à l'œuvre à un rythme soutenu. Ces deux tendances impliquent une unité et une intégration plus forte de l'Europe afin de maintenir sa compétitivité au niveau mondial. Le Marché unique européen, caractérisé par une circulation transfrontière homogène et sans barrières des capitaux, des biens, des services et des citoyens, est devenu l'une des régions les plus puissantes au monde au plan économique. Cette réussite est le reflet des valeurs clés de notre projet européen. De l'autre côté, les tendances politiques dans les Etats membres prennent une direction opposée, une partie de la population européenne souhaitant un environnement plus protecteur et doutant de l'avenir.

A l'issue du vote en faveur de la sortie du Royaume-Uni de l'Union européenne, l'appel lancé pour une nouvelle vision d'une Europe unie ne sait jamais aussi clairement fait entendre dans l'histoire de l'Union européenne. Les responsables politiques européens vont devoir travailler ensemble pour définir les contours de la future Europe, qui devra être génératrice de confiance, être attrayante pour les jeunes générations, attirer les meilleurs talents, les investissements et l'activité et jouer un rôle fort sur la scène internationale tant sur le plan économique que politique.

## I° Les industries électriques, électroniques et numériques françaises et allemandes, acteurs majeurs de la transformation numérique de l'Europe

Les industries électriques et électroniques françaises et allemandes, représentées par la FIEEC et le ZVEI, croient en l'Europe et dans le projet de l'Union européenne. Pour nos secteurs, qui regroupent plus de 4 600 entreprises aussi bien leader mondiaux que PME et plus de 1,249 millions de salariés, une Europe intégrée représente des valeurs communes, telles que la paix, la liberté, la sécurité, la croissance et le bien-être futur.

La numérisation est au cœur de notre économie et de notre société. Elle est un des principaux moteurs de notre avenir dont nous devons maximiser les opportunités. L'économie numérique va créer des nouveaux marchés d'avenir pour l'Europe, tels que l'industrie, l'énergie, la mobilité, la santé et le bâtiment, ainsi que de nouveaux modèles économiques et des emplois.

Les industries électriques et électroniques françaises et allemandes sont pleinement engagées pour contribuer au débat relatif à la numérisation de l'économie avec des idées et des solutions qui offrent à l'Europe de nouvelles opportunités au niveau mondial. En tant qu'acteurs clés de la transformation numérique et conscients de notre rôle, nous sommes des partenaires responsables des Pouvoirs publics et de la société.

## II° Un partenariat renforcé entre les autorités publiques et l'industrie pour réussir la transformation numérique

Les industries électriques et électroniques françaises et allemandes invitent les responsables politiques européens à promouvoir de concert :

- le renforcement du Marché intérieur, notamment via un Marché unique numérique intégré, prenant pleinement en compte la compétitivité de nos industries au niveau mondial ;
- la prise en compte du principe d'innovation notamment en lien avec l'Industrie du futur / l'Industrie 4.0 dans l'élaboration de toutes nouvelles législations ou réglementations ;
- un environnement réglementaire « business friendly » qui encourage le développement de l'économie numérique et des solutions liées à l'Industrie du futur / l'Industrie 4.0, permettant ainsi aux entreprises et à l'activité de prospérer ;
- un système de normalisation répondant prioritairement aux besoins de l'industrie ;
- une politique commerciale européenne prenant en considération nos activités au niveau mondial et permettant un accès libre et juste au marché sur la base d'une stratégie commerciale multilatérale ;
- le renforcement de la sécurité et de la confiance numérique à tous les niveaux ;
- l'institution d'une culture de la cybersecurité et de lignes directrices pour une cybersécurité européenne ;
- un cadre combinant la protection des données personnelles et industrielles et la capacité d'innovation des entreprises ;
- le développement des compétences nécessaires à l'ère numérique.

## III° Les propositions de la FIEEC et du ZVEI en matière de données, de cybersécurité et de normalisation

A l'occasion de leur conférence conjointe du 6 juillet 2016 à Paris, les industries électriques et électroniques françaises et allemandes ont élaboré un ensemble de positions liées à l'Industrie du futur / Industrie 4.0 et à l'économie numérique, comprenant des propositions détaillées sur les données, la cybersécurité et la normalisation, qu'elles souhaitent aujourd'hui remettre aux Pouvoirs publics.

**Gilles SCHNEPP**
Président de la FIEEC

**Michael ZIESEMER**
Président du ZVEI

*La FIEEC et le ZVEI, membres d'ORGALIME leur association européenne, représentent un des secteurs technologiques de premier plan en Europe, regroupant 4 600 entreprises, 1,249 million de salariés et 278,5 milliards d'euros.*

FIEEC
FEDERATION DES INDUSTRIES ELECTRIQUES, ELECTRONIQUES ET DE COMMUNICATION

# Deutsch-Französische Erklärung

ZVEI: Die Elektroindustrie

6. Juli 2016

Paris
FRANKREICH

Europa befindet sich an einem Scheideweg: Auf der einen Seite werden die internationale Zusammenarbeit und die Digitalisierung unserer Welt in großen Schritten vorangetrieben. Beide Entwicklungen führen dazu, dass Europa seine wirtschaftliche Integration und seine politische Einheit stärken muss, um global weiterhin wettbewerbsfähig zu bleiben. Gleichzeitig hat sich der europäische Binnenmarkt zu einer nahtlos funktionierenden, barrierefreien und grenzüberschreitenden Plattform für Kapital, Waren und Dienstleistungen mit freiem Personenverkehr entwickelt, und zählt somit zu einer der wirtschaftlich stärksten Regionen weltweit. Diese europäische Erfolgsgeschichte spiegelt die wichtigsten Werte der europäischen Idee wider. Auf der anderen Seite weisen die politischen Trends in den EU-Mitgliedstaaten in eine andere Richtung. Teile der europäischen Bevölkerung streben nach sichereren Lebensbedingungen und haben mangelndes Vertrauen in die Zukunft. Nach dem „Brexit"-Referendum, in dem das Vereinigte Königreich für den Austritt aus der EU gestimmt hat, war der Ruf nach einer neuen Vision eines vereinten Europas in der Geschichte der Europäischen Union noch nie so deutlich vernehmbar wie heute. Politiker in ganz Europa müssen zusammenarbeiten, um ein neues Bild eines künftigen Europas zu skizzieren, das Vertrauen schafft, für die jüngere Generation attraktiv ist, die besten Talente sowie Investitionen und Unternehmen aus aller Welt anzieht und auf internationaler Ebene sowohl wirtschaftlich als auch politisch eine starke Rolle spielt.

## I° Die Elektrotechnik- und Elektronikindustrie sowie die digitalen Industrien in Frankreich und Deutschland sind die wichtigsten Akteure im Hinblick auf den digitalen Wandel in Europa

Die in den nationalen Verbänden FIECC und ZVEI organisierte Elektrotechnik- und Elektronikindustrie Frankreichs und Deutschlands glaubt an Europa und die Europäische Union. Für die mehr als 4600 Mitgliedsunternehmen, zu denen Unternehmen aller Größen zählen, und ihre mehr als 1,249 Millionen Beschäftigten ist ein integriertes Europa Sinnbild für gemeinsame Werte, Frieden, Freiheit, Sicherheit, Wachstum und künftigen Wohlstand.

Die Digitalisierung ist das Herzstück unserer Wirtschaft und unserer Gesellschaft. Sie ist die Hauptantriebskraft für unsere Zukunft, und wir müssen diese Gelegenheit nutzen. Die digitale Wirtschaft führt in Bereichen wie Industrie, Energie, Mobilität, Gesundheit und Gebäude zur Bildung neuer Leitmärkte für Europa mit neuen Geschäftsmodellen und Beschäftigungsmöglichkeiten.

Die französische und die deutsche Elektrotechnik- und Elektronikindustrie engagiert sich in hohem Maße in der Debatte über die Digitalisierung der Wirtschaft, indem sie Ideen und Lösungsvorschläge präsentieren, die Europa neue globale Möglichkeiten eröffnen. Als zentrale Akteure im Hinblick auf den digitalen Wandel sind wir verantwortungsvolle Partner für die Politik und die Gesellschaft, und wir sind uns dieser Verantwortung sehr bewusst.

## II° Eine stärkere Partnerschaft zwischen Politik und Industrie trägt zum Erfolg des digitalen Wandels bei

Die Elektrotechnik- und Elektronikindustrie Frankreichs und Deutschlands fordert die politischen Führungskräfte in Europa zur Zusammenarbeit in den folgenden Bereichen auf:

- Förderung des Binnenmarkts insbesondere durch einen integrierten digitalen Binnenmarkt unter vollständiger Berücksichtigung der Wettbewerbsfähigkeit dieser Industrien auf globaler Ebene;
- Überprüfung künftiger Gesetze und Vorschriften im Hinblick auf die Bedeutung des Innovationsgrundsatzes für Industrie du Futur/Industrie 4.0;
- Schaffung unternehmensfreundlicher gesetzlicher Bestimmungen, die zur Entwicklung der digitalen Wirtschaft und Industrie du Futur/Industrie 4.0 beitragen und die Gründung und Entwicklung neuer Unternehmen und Geschäftsideen fördern;
- Schaffung eines industrieorientierten Normungssystems;
- Förderung einer wirkungsvollen Marktüberwachung, um gleiche Wettbewerbsbedingungen für die Wirtschaftsbeteiligten inner- und außerhalb der EU zu schaffen;
- Schaffung einer europäischen Handelspolitik, die die globalen Geschäftstätigkeiten unserer Industrien berücksichtigt und einen freien und gerechten Marktzugang auf der Grundlage einer multilateralen Handelsstrategie ermöglicht;
- Stärkung der digitalen Sicherheit und vertrauensbildender Maßnahmen auf allen Ebenen;
- Schaffung einer Kultur der Cybersicherheit und eines europaweiten Cybersicherheitskonzepts;
- Schaffung eines Rahmens, der den Schutz von personenbezogenen Daten und von Industriedaten vereint und dabei die Innovationskapazitäten berücksichtigt;
- Entwicklung der im digitalen Zeitalter erforderlichen Kompetenzen.

## III° Empfehlungen von FIEEC und ZVEI an die digitale Wirtschaft: Daten, Cybersicherheit und Standardisierung

Die französische und deutsche Elektrotechnik- und Elektronikindustrie hat anlässlich ihrer gemeinsamen Konferenz am 6. Juli 2016 in Paris eine Reihe von Ideen mit Bezug auf Industrie du Futur/Industrie 4.0 und die digitale Wirtschaft sowie detaillierte Empfehlungen im Umgang mit Daten, Cybersicherheit und Standardisierung erarbeitet, die sie den politischen Entscheidungsträgern heute vorstellen möchte.

**Gilles SCHNEPP**
Präsident FIEEC

**Michael ZIESEMER**
Präsident ZVEI

*FIEEC und ZVEI sind Mitglieder im Europäischen Dachverband ORGALIME und vertreten einen der wichtigsten Technologiebranchen Europas mit 4600 Unternehmen, 1,249 Millionen Beschäftigten und einem Umsatz von 278,5 Mrd. Euro.*

FIEEC
FEDERATION DES INDUSTRIES ELECTRIQUES, ELECTRONIQUES ET DE COMMUNICATION

# French-German Joint Declaration

ZVEI: Die Elektroindustrie

Europe is at a crossroads. One the one side, international cooperation and the digitalization of our world is going ahead with high speed. Both trends are leading to a need of further integration and unity of Europe in order to stay globally competitive. At the same time, Europe's single market with a seamless, barrier-free, cross border transfer of capital, goods, services and citizens, has become one of the most powerful economic regions in the world. This European success story reflects the key values of our EU undertaking. On the other side, political trends at EU Member State level go in the other direction as some parts of the European population wish for a more protected environment and lack fundamental trust into the future. After the UK vote to leave the EU, today's call for a new vision of a united Europe has never been heard so clearly in the European Union's history. Politicians across Europe will have to work together to draw the picture of a future Europe that generates trust, that appeals to the younger generation, that attracts the best talents, investments and business from around the world and that plays a strong international role, both economically and politically.

July 6th 2016

Paris FRANCE

## I° The French and German Electrical, Electronic and Digital Industries, key actors of the digital transformation of Europe

The French and German Electro-technical and Electronics Industries as organized in FIEEC and ZVEI, believe in Europe and in the project of the European Union. For our more than 4 600 member companies – representing large, small and medium-sized enterprises - and their over 1,249 million employees, an integrated Europe stands for common values, peace, freedom, security, growth and future wealth.

The digitisation is at the heart of our economy and society. It is a main driver of our future and we have to master these opportunities. The digital economy will create new lead markets for Europe, such as industry, energy, mobility, health and building – with new business models and jobs.

The French and German Electro-technical and Electronics Industries are strongly committed to contribute to the debate on the digitisation of the economy with ideas and solution proposals that offer Europe new opportunities at global scale. As key actors of the digital transformation, we are responsible partners to the politics and society and we take our role seriously.

## II° A stronger partnership between public authorities and industry to succeed in the digital transformation

**The French and German Electro-Technical and Electronics Industries call on the policy leaders in Europe to jointly promote with us:**

- The improvement of the Internal Market especially through an integrated Digital Single Market taking fully into account the competitiveness of our industries at global level;
- An Industrie du futur / Industrie 4.0 check as part of the innovation principle for all future legislation and regulation;
- A business-friendly regulatory environment, fostering the development of the digital economy and Industrie du futur / Industrie 4.0 solutions, enabling companies and new businesses to flourish;
- A business-oriented standardization system based above all on industry needs;
- An efficient market surveillance to create a level-playing field with our non-European competitors;
- A European trade policy taking into account our global business activities and allowing free and fair market access on the basis of a multilateral trade strategy;
- The reinforcement of digital security and trust at all levels;
- The establishment of a cybersecurity culture and guidelines for a European cybersecurity concept;
- A framework combining the protection of personal data and industrial data, taking into account innovation capacities;
- The development of the skills needed for the digital age.

## III° FIEEC and ZVEI recommend on Digital Economy with respect to data, cybersecurity and standardisation

The French and German Electro-Technical and Electronics Industries have on the occasion of their joint conference on 6th July 2016 in Paris developed a set of ideas related to Industrie du futur / Industrie 4.0 and the Digital Economy, with detailed recommendations on the use of data, cybersecurity and standardisation which they would like to present to the political decision-makers today.

**Gilles SCHNEPP**
FIEEC President

**Michael ZIESEMER**
ZVEI President

*FIEEC and ZVEI, both members of ORGALIME their European association, are one of the major technological sectors in Europe representing 4 600 companies, 1,249 million employees and a turnover of 278,5 billion euros.*

# Industrie du Futur/Industrie 4.0: the digitisation of industry at the heart of our economy and society

# Programme

Moderation : **Nicolas BEYTOUT,** Founding President, Managing Editor, L'Opinion

## 15.00-15.30 - Welcome

## 15.30-15.45 - Joint Introduction

**Gilles SCHNEPP,** FIEEC President
**Michael ZIESEMER,** ZVEI President

## 15.45-16.15 - Speeches of the representatives of the French and German Governments

**Matthias MACHNIG,** State Secretary at the Federal Ministry for Economic Affairs and Energy
**David MARTINON,** French Ambassador for Cyberdiplomacy and the Digital Economy

## 16.15-17.10 - Round Table 1: The digitisation of industry, which opportunities?

**Impulse Statement** by **Klaus HELMRICH,** Vice-President of ZVEI, Member of the Managing Board, SIEMENS

**Daniel HAGER,** Hager CEO, FIEEC Board Member
**Gérard MATHERON,** FIEEC Vice-President, ACSIEL - Alliance Electronique President, Site Director, Crolles, France, Group Vice-President, R&D and Public Affairs, France STMICROELECTRONICS

## 17.10-17.20 - Testimony on the digitisation of industry and skills

**Tomas HEDENBORG,** ORGALIME President, CEO FASTEMS Group

## 17.20-18.15 - Round Table 2: The digitisation of industry, which levers?

**Impulse Statement** by **Luc REMONT,** FIEEC Vice-President, GIMELEC President, CEO SCHNEIDER ELECTRIC France

**Isabelle FALQUE-PIERROTIN,** President of CNIL and G29
**Hans-Georg KRABBE,** ABB AG Managing Director
**Dirk PIELER,** BENDER Group CEO

## 18.15-18.30 - Conclusion and presentation of the Joint Declaration to political representatives

**Gilles SCHNEPP,** FIEEC President
**Michael ZIESEMER,** ZVEI President

## 18.30-18.45 - Closing address

**Khalil ROUHANA,** Director for Digital Industry, DG Connect, European Commission

## 18.45 - Garden Party - Presentation of the FIEEC Medal of Honour

**Opening** by **Gilles SCHNEPP**, FIEEC President

# Joint position

## "Industrie du Futur - Industrie 4.0: The Digitisation of Industry at the Heart of our Economy and Society"

Joint Position
6th of July 2016, Paris

Once again, the French-German partnership has the potential to become the engine for our common European project: the digitisation of industry at the heart of our economy and society.

With respect to the developing European Digital Single Market, the French-German cooperation on Europe's digital agenda has constantly given significant impulses over the last months. In October 2015, a common declaration has been signed by the French Minister of Economic Affairs Emmanuel Macron and his German counterpart Sigmar Gabriel supporting a European Digital Single Market and intensifying French-German collaboration on research, innovation and business development. Only few months later, at the Hannover Fair 2016, the French national platform Alliance Industrie du Futur and the German Plattform Industrie 4.0 have agreed on a shared action plan of cooperation to improve pooling and sharing of national digital capabilities.

Based on these past French-German efforts, the Federation of Electrical, Electronic and Communication Industries (FIEEC) and the German Electrical and Electronic Manufacturers' Association (ZVEI) want to reaffirm this digital partnership by giving impulses and guidance to political decision makers. The French and German Electrical and Electronic Industries are a major, dynamic and innovative industrial sector of excellence in Europe. FIEEC and ZVEI are representing more than 4 600 companies of the manufacturing and engineering industries with

1,249 million employees and 278.5 billion euros of annual turnover. Membership encompasses global leaders as well as globally active small and medium size enterprises. As users and technology suppliers, our industries play a unique leadership role in the digital transformation of the European economy and society. This transformation process embodies great opportunities as well as various challenges, which need to be addressed effectively and in a collaborative manner. FIEEC and ZVEI are strongly persuaded that national initiatives such as Industrie du Futur in France and Industrie 4.0 in Germany are forward-looking projects to bundle capacities, while creating a fruitful environment of sharing best practices and innovation. At the same time, we need more cross-border and European cooperation of these national projects to face common challenges and to avoid fragmentation. The French-German cooperation on the digital transformation is one of the most promising bilateral synergies across the European Union and is a lighthouse partnership program for other Member States.

Our industries highlight the importance of an ambitious European industrial digital strategy, which should ensure an adequate regulatory framework that allows economic growth, creates new jobs, and speeds up market-driven innovations. Moreover, on behalf of our member companies, both associations are strongly committed to send a clear message to European decision makers to take industrial stakeholders into account for making full use of Europe's digital potentials. With respect to this industrial perspective, both associations agree on the following points addressing the regulatory framework for digitising Europe's industry, guidelines on the responsible use and management of data, the urgent need of a European cybersecurity strategy as well as open and industry-driven standard setting procedures.

## Executive Summary

FIEEC and ZVEI decided to work closely on common objectives and challenges of the digital transformation of our industries. Therefore, FIEEC and ZVEI have agreed on several joint messages and positions:

- Both industry associations are strongly committed to a further development and harmonisation of the European Digital Single Market.
- Cross-border cooperation is essential in order to avoid fragmentation and digital silo structures within European Member States.
- We want to create trust and confidence in a digital future by a regular and open dialogue with any stakeholder involved.
- The needed level of trust and confidence can only reached via a secure and safe data and cybersecurity infrastructure.
- We strongly believe that existing and future policy decisions applying to any field should take the dynamic process of the digitisation into account.
- The concept of digital self-determination is a guiding principal to guarantee responsible management of personal and non-personal data.
- Cybersecurity is a prerequisite of the digital transformation. Therefore, we want to promote the concept of industrial security (security-by-design security) in company with IT-security.
- The standardisation procedures concerning cyber-physical products, processes and services are rapidly changing. We need open, close-to-the-market, industry-driven standards which apply to the global market.
- An efficient market surveillance to create a level-playing field with our non-European competitors is also a major issue for our industries.

## 1. Digitising our Industries

The digitisation of our industries is a key priority on the national, European and global agenda. The internet of things has multiple implications and major effects on products, processes and services. The bigger picture shows that European electronic and electrical industries are holding leadership positions in producing and applying digital technologies. Our companies are users and suppliers of digital products. A future digital scenario, in which our industries are keeping this world-leading position, requires a clear vision about objectives and specific industry needs. One of the most important objectives is the evolvement and further harmonization of the European Digital Single Market. The full harmonisation would not only bring additional growth, jobs and investments to Europe's economy, but also an additional revenue to Europe's industry as €110 billion of revenue per annum could get capitalised. Europe's manufacturing industry is an essential cornerstone of our economic strengths and global competitiveness. Product quality and European standards are at high level. The electrical engineering industry in particular is a trendsetter for technological progress and innovation. This is why our industry needs to be better heard in the political process. We are a strong partner for building a digital Europe, to support our economies and to make them more competitive on the global market. Both, FIEEC and ZVEI are standing united to tackle challenges and to make a digital Europe happen.

## 2. Guidelines on the Responsible Use and Management of Data

Digitisation is spreading rapidly across all areas of the economy and society. Data is being generated on a large scale and in great variety. Linking and analysing of big data can bring great benefits, but also gives rise to risks which many people see as a cause for concern.

ZVEI and FIEEC are taking these concerns very serious. A priority task of government and business is to create trust in the digital world. It is imperative that this trust will be maintained, because confidence in the responsible use of data is the basis for the emergence of new, data-driven services and business models. Growing interconnectedness is leading to new business models within industries as well. These models are based on the exchange of sensitive data in a value creation network, data which concerns companies' proprietary knowledge and expertise. Confidence in the responsible handling of data is the prerequisite here. ZVEI and FIEEC are entirely aware of this trust building challenge. The companies of the German electrical industry and the French electrical, electronic and digital industries strongly advocate responsible data protection and a safe and secure data infrastructure. Therefore, both associations support a legal framework which allows data-driven business models to emerge in our countries and generate trust in new technologies. Both associations are committed to the essential principal of digital self-determination. We support all efforts which are empowering a secure and safe data infrastructure regardless of personal or non-personal data transaction.

The collection and processing of personal data for new business models must be handled responsibly. The companies of the French and German electrical, electronic and digital industries therefore advocate prudent and careful use of personal data and industrial data for corporate purposes and, to this end, will develop examples of best practice. The electrical industry sees this as an opportunity to develop a common culture of the use of data which is guided by clear values and should not only apply to the European level but also on a global scale. Such a commitment to data related values will enhance competitiveness and will generate a trusted digital environment

### *Commitment to Digital Self-Determination*

The French and German electrical, electronic and digital industries make an explicit commitment to digital self- determination. Digital self-determination is based on the principle of transparency and defines the full capability of controlling self-generated data along the entire data lifecycle.

### *Dialogue as the Necessary Approach to Finding Solutions*

New, data-driven products and services are customized to meet the individual needs of people and companies. They make day-to-day life easier and bring tailored benefits to the customer. At the same time, however, the fear of abuse remains. ZVEI and FIEEC aim to address these concerns through an active dialogue. As new issues in the use of data arise, for example linking or anonymizing data, ZVEI will engage in an active dialogue in order to create a common understanding. In France, FIEEC has a strong cooperation with the French data protection authority (CNIL) in order to define together the recommendations concerning the protection of personal data. One conformity pack has already been published on "smart grids and personal data" and a new one in under development concerning "Silver economy and personal data".

***Rejection of a Monopoly on Technical Data***

Our organizations reject a monopoly on technical data. Digitisation should be designed to allow data to be shared without any blanket transfer, analysis or selective visibility of such data being required. Framework conditions of this kind would force customer relationships into rigid channels and would make both market entry and innovation harder. Flexible formation of customer relationships – throughout the value creation network – will play a decisive role in determining the economic order in the future. It is thus very important to launch a debate on the free and fair use of data and how to guarantee flexibility in customer relationships. In this respect the free flow of data is of utmost importance, in order to raise the potential of the digital economy. Data portability has to be assured with respect of innovation in a European framework.

## 3. Guidelines for a European Cybersecurity Concept

Cybersecurity is not only a basic need to help building trust in the digital world but also a prerequisite of the entire digital transformation of our industries. It is the ultimate objective of a European Cybersecurity Architecture to guarantee a safe and secure communication network both for the consumer and business side.

Building up trust on both the consumer and business side requires a competitive and high quality market of cybersecurity products and services. Our companies require specific cybersecurity design products and concepts that apply not only to B2C or B2B but also to device-to-device connection. In the near future, factories, any kind of devices or products, complex constructions or even entire value chains will be connected. The more virtual interfaces will be connected the higher will be the risk for security. The threat of cross-border cyberattacks, spying and manipulation by states, criminal networks of terrorists or individuals is constantly growing and needs to get the full attention of the political level. It should be of high concern for our governments to protect citizens from attacks against critical infrastructure such as energy, water, transport systems, healthcare etc. On the industry side, cybersecurity needs to apply to any device or virtual gateway. This asks for a bottom up approach of cybersecurity innovation, which can be defined as industrial security encompassing the shop and the office floor. Industrial security means security-by-design which has to be installed on hard- and software. We support the concept of giving identification and security trusted labels to every single device within  complex or interconnected systems and processes. FIEEC and ZVEI are appreciating the creation of the cybersecurity PPP which will further develop the field of B2B cybersecurity towards a European approach.

***Strengthening Networking on Security-Related Issues***

Today, the companies of the electrical, electronic and digital industries are already interconnected with their customers, suppliers and employees. In the interest of promoting data security, ZVEI fosters an intensive exchange of information on security-related issues through discussion platforms based on mutual trust, cooperation on the development of guidelines, and the involvement of experts from government agencies. The goal is to establish an ongoing exchange of information between manufacturers, integrators and operators. In France, FIEEC works closely with public authorities, especially the National Agency for the Security of Information Systems (ANSSI) and the Committee for the Security sector (COFIS) to promote cybersecurity.

***Willingness to invest to ensure a culture of security***

Given the importance of data protection and security, companies must be willing to make long-term investments in measures needed to ensure it. Our organizations therefore call for their members to establish a culture of security that starts with senior management. The prerequisites for this are:

- making information security a top-level priority,
- implementing and evaluating risk-based, staged solutions (both in terms of technology and in organizational terms) on an ongoing basis,
- sharing information, for example in the framework of the government initiative "Alliance for Cyber Security" ("Allianz für Cybersicherheit").

***Cooperation on security incidents***

Cooperation between companies and government agencies on a basis of mutual trust makes a valuable contribution toward strengthening risk awareness and data security. This applies in particular to situations in which security incidents have already occurred. ZVEI and FIEEC will strive to heighten this awareness in the electrical, electronic and digital industry.

## 4. Standardisation

The breath-taking pace of advanced technologies perpetually penetrating our economy and society will require flexible and on time applied standards of best performance. FIEEC and ZVEI agreed that norms and standards are of high importance with respect to the digitisation of industry. The EU Commission's priorities on ICT standardisation is a good starting point to further develop the dialogue with our industry as they are developing standards along their products, processes, services and new business models. This is the place where standards have to be developed in cooperation with industrial internet standardisation fora. Members of FIEEC and ZVEI need industry-driven, open as well as bottom-up standardisation procedures. Standardisation should be constituted like a public-private-partnership between the economy and the public authority. FIEEC and ZVEI take the risk very serious that consortia standardisation setting could risk needed coherence of the standardisation system as a whole. Standardisation should always address the international market competition, with a completing, pro-active and constructive procedural management between law making and standardisation appears to be necessary. The digitisation of our economy and society equally requires a radical digitisation of standardisation. Standard-to-machine approaches and the wide connection and acceleration of processes have to stand in focus of the standardisation procedures. Pro-active standardisation could help to catch trends in time and react more flexible. We do not need cemented catalogues of standards but an open development in line with the global market environment. A reduction of complexity of standards will also lead to a reduction of time consuming standards processes. Law making is providing the basic demands, but standards are providing precise definition. The European Single Market is not the ultimate achievement of standardisation, but a starting point to address international standardisation settings.

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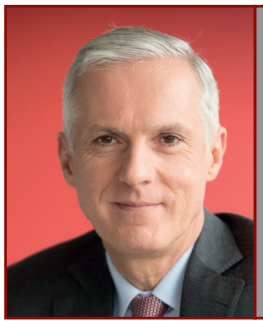
*FIEEC and ZVEI will continue to work together on all dimensions of the digitalisation of our society and economy. Both associations are committed to the Digital Single Market strategy of the European Union and take their responsibility as strong partners respectively this revolutionary and challenging process.*

# Biography



**Gilles SCHNEPP**
President FIEEC

Gilles SCHNEPP is Legrand Chairman and Chief Executive Officer since 2006 and has been a member of the Company's board of directors since 2002.

Upon graduating from the Ecole des Hautes Etudes Commerciales (HEC), he started his career at Merrill Lynch France were he became Vice-President. He then joined Legrand in 1989 as Deputy Chief Financial Officer. In 1993 he became the Secretary and in 1996, the Chief Financial Officer.

He is President of the French Federation of Electrical, Electronic and Communication Industries (FIEEC) and Director of Saint-Gobain.

# Biography

**Michael ZIESEMER**
President ZVEI

## Career Stucture

Since June 2016 Member of the Supervisory Board of the Endress+Hauser Group
2008 - 2016 Chief Operating Officer (COO) of the Endress+Hauser Group
2002 - 2016 Member of the Executive Board of the Endress+Hauser Group
1999 - 2001 Corporate Director of Endress+Hauser
1996 - 1998 Managing Director of Endress+Hauser Companies
1992 - 1996 Marketing Manager of Endress+Hauser GmbH+Co. KG, Maulburg, Germany
1990 - 1992 Marketing Manager of the Endress+Hauser GmbH+Co. KG, Maulburg, Germany
1987 - 1989 R+D Manager of Endress+Hauser GmbH+Co. KG, Maulburg, Germay, responsible for the areas « Research+Development » und « Product-Management »
1983 - 1987 Department Head « Product-Management» of Endress+Hauser GmbH+Co. KG, Maulburg, Germany
1981 - 1983 Head of department of product management for flow measurement of Endress+Hauser GmbH+Co. KG, Maulburg, Germany
1979 - 1981 R+D Manager for magnetic-inductiv flow measurement, Eckardt AG, Stuttgart, Germany
1975 - 1981 R+D Engineer for magnetic-inductiv flow measurement, Eckardt AG, Stuttgart, Germany
1973 - 1975 R+D Engineer for electronic private branch exchange, SEL AG (ITT),
Stuttgart, Germany
1972 - 1973 Postgraduate training with Deutsche Bundespost, Tübingen/Reutlingen, Germany
1969 - 1972 Studies of telecommunications engineering, Berlin, Germany (Diplom-Ingenieur Nachrichtentechnik)

## Organizations

ZVEI Association of German electrical and electronics industry;
President since 2014, Board member since 1999
Branch for measurement and process automation; Board member 1990 - 2013, Chairman 1998 – 2013
BDI Member of the Presidential Board since 2006
EUREKA Project 'Fieldbus'; member of the board 1987 – 1989
HART Communication Foundation, Minniapolis, USA;
member of the board 1992 – 1996
INTERKAMA Board member 1994 – 2001, President of the INTERKAMA 1999
ISA International Society for Measurement and Automation; member since 1985
VDI / VDE GMA Society for Measurement and Automation; member since 1984; member of the advisory board (Department 3, Field devices) 1990 – 1993
Hobbies hiking, wine, classical music, history and philosophy

# Biography

**Matthias MACHNIG**
State Secretary at the Federal Ministry for Economic Affairs and Energy

Born in Wimbern on 15 April 1960
1979 Abitur (university-entrance qualification) at Walram-Gymnasium in Menden (Sauerland), then studies in Sociology in Münster

## Professional career

1989 - 1991 Deputy head of division for research, technology and technology assessment

1991 - 1992 Deputy head of division at the SPD parliamentary group

1992 - 1995 Head of office to the Minister for Employment, Healthcare and Social Affairs in North-Rhine Westphalia, head of the political planning group

1995 - 1998 Head of the SPD Federal Manager; coordinator of the SPD election campaign headquarters

1998 - 1999 State Secretary in the Federal Ministry of Transport, Building and Housing

1999 - 2002 SPD Federal Manager

2002 - 2005 Management consultant

2005 - 2009 State Secretary in the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

2009 - 2013 Minister for Economics, Labour and Technology in the Free State of Thuringia

2013 - 2014 SPD campaign manager for the European elections 2014

From 6 October 2014 - State Secretary at the Federal Ministry for Economic Affairs and Energy

# Biography

**David MARTINON**
French Ambassador for Cyber diplomacy and the Digital Economy

David Martinon was born on 13 May 1971 in Leiden (the Netherlands), and started out handling communication at the "General congress of the opposition" in 1990, before becoming a political communication and electoral marketing adviser at the company Acte Public Communication from 1991 to 1994. François Léotard, Minister of Defence, then recruited him as special assistant for communication in 1995.

After completing studies at the French National School of Public Administration (ENA), he joined the Ministry of Foreign Affairs and became, from 1998 to 2001, deputy spokesperson of the Ministry, which was then led by the socialist Hubert Védrine. He then became a desk officer at the European Cooperation Directorate (Department of Internal Community Affairs) in the same Ministry.

In May 2002, Nicolas Sarkozy, Minister of the Interior, made him his diplomatic adviser. In 2002, he was responsible for negotiating the closure of the Sangatte refugees centre. He played the same role (technical adviser for international and European affairs) when Nicolas Sarkozy was at the Ministry of Finance, then became diplomatic adviser again when the latter returned to the Ministry of the Interior.

He headed Nicolas Sarkozy's 2007 presidential campaign.

Following the latter's election as President of the Republic, he was appointed the spokesperson of the Presidency on 16 May 2007.

Upon his return to the Ministry of Foreign Affairs, David Martinon was appointed Consul-General of France in Los Angeles (California), and took up his functions on 18 August that year. At the end of his term in August 2011, he was appointed to the French Permanent Representation to the UN in New York during the General Assembly, with responsibility for human rights.

David Martinon was later appointed Special Representative of France for International Negotiations on the Information Society and the Digital Economy, on 3 May 2013. In October 2015, he was appointed Ambassador for Cyber Diplomacy and the Digital Economy, incorporating cyber security issues into his brief.

# Biography

**Klaus HELMRICH**
Vice-President of ZVEI
Member of the Managing Board
SIEMENS

Member of the Managing Board of Siemens AG
Born on May 24, 1958, in Mitterteich, Germany

## Special responsibilities

Europe and Africa
Digital Factory Division
Process Industries and Drives Division

## Education

Secondary school, baccalaureate
Studied electrical engineering
Dipl.-Ing. (university of applied sciences)

## Professional history

1986 : Joined Siemens AG, Energy and Automation Group, Erlangen, Germany - System Development Engineer
1989 : Semiconductor Group, Munich, Germany - Design Engineer
1991 : Automation Group, Munich, Germany - Technical Sales Order Processing
1995 : Automation Group, Nuremberg, Germany - Head of Development Department
1997 - 2008 : Automation and Drives Group, Nuremberg, Erlangen and Berlin, Germany, and Atlanta, GA, USA - Various management positions - Last position: Head of Standard Drives Subdivision
2008 : Industry Sector - CEO Drive Technologies Division
April 2011 : Member of the Managing Board of Siemens AG

## External positions

German supervisory board positions:
EOS Holding AG, Krailling
inpro Innovationsgesellschaft für fortgeschrittene Produktionssysteme in der Fahrzeugindustrie mbH, Berlin

# Biography

**Daniel HAGER,**
Hager CEO
FIEEC Board Member

Daniel Hager was born in 1972 in Germany. He attended a boarding school in French speaking Switzerland for ten years. He studied at Ecole de Commerce Solvay in Brussels, at Université Paris X Nanterre and at EAP / ESCP Europe on the Paris-Oxford-Berlin stream. He obtained a Bachelor Degree in Economics and German in 1996 and a Diplom-Kaufmann and a European Masters in Management in 1999.

He started his professional Career as a project manager with Eaton Electrical (ETN) in both the United Kingdom and the United States. He then moved to a German wind farm developer, Plambeck Neue Energien AG (PNE2), to develop their international activities and more specifically in France. In 2003 he joined the family business that was founded by his father and uncle. After having held various management positions he took over as CEO in 2008.

Daniel lives in between Germany and France with his wife and three children. He holds various Industry body positions in both countries and acts as economic counsel to the Landesbank Saar and Deutsche Bank. Furthermore he leads the counsel of the non-profit Peter and Luise Hager foundation.

# Biography

**Gérard MATHERON**
FIEEC Vice-President
ACSIEL - Alliance Electronique President
Site Director, Crolles, Group Vice-President,
R&D and Public Affairs, France
STMICROELECTRONICS

Gérard Matheron is Site Director of STMicroelectronics' Advanced Research and Manufacturing Centre in Crolles, France, and has held this position since January 2007.

In April 2010, his mandate was expanded to include the supervision of the Company's R&D and Public Affairs in France, with the title of Group VP.

Gérard Matheron started his career with CEA-LETI in 1977. From 1984 to 1989, he worked for the Ministry of Industry and contributed to the launch of JESSI, the first European R&D cooperation initiative in submicron silicon. In 1989, He joined SGSTHOMSON (now STMicroelectronics) to manage the Company's R&D partnerships. From 1998 to 2007, he was the Office Director for MEDEA (Microelectronics Development for European Applications) and MEDEA+ programs.

Gérard Matheron is President of ACSIEL (Alliance of Components and Systems for the Electronics Industry) a professional grouping of over 150 suppliers of the electronics industry in France. He has been elected VP of FIEEC (Federation of the Electric, Electronic and Communication Industries) in June 2011, in charge of «Europe». Gérard Matheron graduated in 1977 with a degree in Physics from the National Polytechnic Institute of Grenoble, France, for which he is standing in, since 2012, as Chairman of the Board.

# Biography

**Tomas HEDENBORG**
ORGALIME President
CEO FASTEMS Group

Tomas Hedenborg is Group CEO of FASTEMS, a supplier of flexible manufacturing systems and robotics-based automation with a strong emphasis on software.

Mr Hedenborg previously held the position of President and CEO of both Finn-Power Oy (machine tools) and HBPO (front end modules for the automotive industry).

He has a strong background in mechanical engineering, specifically in the automotive and machine tool sector. Having spent half of his professional life in management positions in the R&D area, the last 15 years he has managed companies with high development potential, through times of radical strategic renewal.

Born in Finland, Mr Hedenborg holds an MSc in mechanical engineering from Teknillinen korkeakoulu-Tekniska högskolan.

Other positions:

- Board member of the Federation of Finnish Technology Industries
- Chairman of the Board of FIMECC (Finnish Metals and Engineering Competence Cluster)
- Chairman of the Manufacturing Finland Cluster (340 companies)
- Chairman of the Board of SME contract manufacturer Suomen Levyprofiili Oy.

# Biography

**Luc REMONT**
FIEEC Vice-President
GIMELEC President
CEO SCHNEIDER ELECTRIC France

Luc Rémont, 46, joined Schneider Electric in 2014. He is President of Schneider Electric France.

Luc Rémont started his career in 1993 as an engineer at the French Ministry of Defence. From 1996 to 2007, he subsequently held several positions at the French Ministry of Economy, Finance and Industry. He first served at the French Treasury, in charge of relations with international development banks (e.g. EBRD, World Bank), then of the French state's shareholding in companies of the transport sector. From 2002 to 2007, he served as technical advisor in charge of shareholding, then deputy chief of staff of Ministers of Finance. He joined Merrill Lynch Investment Banking in 2007 and was head of Bank of America Merrill Lynch Corporate and Investment Banking for France from 2009 to 2014.

Moreover, Luc is Chairman of Gimélec, which brings together 230 French companies providing power and automation solutions for the energy, building, industry and infrastructure markets, since March 2015.

Luc graduated from *École Polytechnique and École Nationale Supérieure des Techniques Avancées* (Ensta) as an engineer.

# Biography

**Isabelle FALQUE-PIERROTIN**
President of CNIL and G29

Ms. Isabelle Falque-Pierrotin graduated in France from the HEC School of Business Management ("Ecole des Hautes Etudes Commerciales"), the National Administration School ("Ecole Nationale d'Administration") and the Multimedia Institute ("Institut Mutltimédia").

She first held various posts with the French State Council ("Conseil d'Etat"), as an "auditeur" from 1986 to 1989, as "maître des requêtes" (counsel) from 1989 to 2001 and was responsible of the relations with the print and broadcast media from 1988 to 1991. Ms. Falque-Pierrotin also served as Deputy Chair of the French Ministry of Culture and French-Speaking World Matters from 1993 to 1995. She became State Counselor ("Conseiller d'Etat") in November 2001. After serving as Chair of the Interministerial Commission on Internet Affairs in 1996, she was appointed as an expert adviser for the Organization for Economic Cooperation and Development (OECD) in 1997 and as "rapporteur général" of the report of the French State Council on "Internet and Digital Networks" from 1997 to 1998. From 2001 to December 2010, Ms. Falque-Pierrotin was Chair of the Advisory Board and General Delegate ("délegué générale") of the French Internet Rights Forum ("Forum des droits sur l'internet").

Isabelle Falque-Pierrotin has been a member of the French Data Protection Authority ("Commission nationale de l'informatique et des libertés") since January 2004. Appointed as Deputy Chair of this authority from February 2009 to September 2011, she became its Chair as of September 21, 2011. She was reelected by the members of the Commission on 4 February 2014. She was elected Chair of the Article 29 Working Party on 27 February 2014 and re-elected in February 2016 for a two-year term.

# Biography

**Hans-Georg KRABBE**
Managing Director ABB AG

Hans-Georg Krabbe was born in 1961.

In 1989 he graduated from Bonn University with a Diploma of Economics. Following his studies he held several management positions in Marketing & Sales at Klöckner-Moeller, Bonn, a leading international company in industry automation.

In 2000 he became Managing Director Marketing, Sales and Innovation at Busch-Jaeger Elektro, Lüdenscheid, a subsidiary of ABB, the global leading company for power and automation. From 2004 to 2010 he took the role of the President of Busch-Jaeger Elektro.

From 2002 to 2014 in addition he served as a global Business Unit Manager for Wiring Accessories. In addition he took over from January 2008 the Local Division Manager role for automation products in Germany and Central Europe until end of 2014.

Hans-Georg Krabbe became Country Managing Director of ABB in Germany in January 2015.

He is married with two children.

# Biography

**Dirk PIELER**
BENDER Group CEO

1988-89 – Military Service German Army
1989-94 – Electrical Engineering and Economics, University of Paderborn
1994-99 – Management and Strategy Counsulting, Koblenz/Paderborn
1997-99 – Lecturer „Finance and Accounting“, University of Applied Sciences, Paderborn
2000 – PhD in Economics
1999-08 – Siemens AG, most recent position: Head Business Excellence, Security Solutions, Siemens Building Technologies based in Zug (Switzerland)
Since 2009 – CEO Bender Group
Since 2013 - Member of the Board ZVEI and Chairman of the Board ZVEI Hesse

# Biography

**Khalil ROUHANA**
Director for Digital Industry
DG Connect European Commission

Khalil Rouhana is the director for “Digital Industry” in DG CONNECT (Communications Networks, Content & Technology). The mission of the Directorate is to strengthen the competiveness and to ensure that any industry in any sector in Europe can make the best use of digital innovations to compete on a global scale, grow and create jobs. The directorate is responsible for the coordination of the European digitisation of industry strategy. It supports R&D&I in key digital industrial technologies including micro and nano-electronics, microsystems, photonics, robotics and AI, embedded software and cyber-physical systems as well as digital technologies for manufacturing spanning from simulation and design to process optimisation and Product life cycle management. It is responsible for the Public Private Partnerships in these fields including the Joint Technology Initiative ECSEL.

The directorate also follows the legal issues regarding digitisation of industry such as liability and safety of autonomous systems as well as related societal implications notably on, transformation of work in industry. It also follows all the framework conditions for the development of digital and digitised industries including access to finance and SMEs growth.

In his previous experiences in the Commission, he was the Director for “Digital content & Cognitive systems”, the Head of Unit in charge of ICT research and Innovation strategy, and started as a project officer in the ESPRIT programme in the areas of High Performance Computing and Future and Emerging technologies.

Before joining the Commission in 1992, he was for 5 years the director of an institute and school of engineering (Grande Ecole) in France. He started his career as research and development engineer for the aeronautics industry, worked for the French University in Beirut and created also his own engineering company. He has a master degree in electrical and electronic engineering from “Ecole Supérieure d’Electricité” (Supelec, France).

# FIEEC - ZVEI organizations

| ZVEI divisions | Contacts |
|---|---|
| Automatisation | koschnick@zvei.org<br>Telephone +49 69 6302 318 |
| Batteries | frey@zvei.org<br>Telephone +49 69 6302-283 |
| Consumer Electronics | pett@zvei.org<br>Telephone +49 69 6302-219 |
| Electrical Winding & Insulation Systems | winter@zvei.org<br>Telephone +49 69 6302-402 |
| Electronic Components and Systems | stoppok@zvei.org<br>Telephone +49 69 6302-276 |
| Large Domestic Electrical Appliances | scholz@zvei.org<br>Telephone +49 69 6302-295 |
| Small Domestic Electrical Appliances | scholz@zvei.org<br>Telephone +49 69 6302-295 |
| Domestic Electric Heating and Hot-water Appliances | scholz@zvei.org<br>Telephone +49 69 6302-295 |
| Electric Traction Systems and Vehicles | zimmermann@zvei.org<br>Telephone +49 69 6302-339 |
| Medical Engineering | bursig@zvei.org<br>Telephone +49 69 6302-206 |
| Electric Welding Equipment | eckert@zvei.org<br>Telephone +32 2 892 4623 |
| Electric Power Tools | eckert@zvei.org<br>Telephone +32 2 892 4623 |
| Power Engineering | hueneburg@zvei.org<br>Telephone +49 30 306960-13 |
| Contact and Overhead Line Construction | zimmermann@zvei.org<br>Telephone +49 69 6302-339 |
| Electrical Installation Systems | JungK@zvei.org<br>Telephone +49 69 6302-321 |
| German Cable Makers' Association | kabel@zvei.org<br>Telephone +49 221 96228-0 |
| Lighting | waldorf@zvei.org<br>Telephone +49 69 6302-294 |
| PCB and Electronic Systems | stoppok@zvei.org<br>Telephone +49 69 6302-276 |
| Satellite & Cable | pett@zvei.org<br>Telephone +49 69 6302-219 |
| Safety / Security / Defence | krapp@zvei.org<br>Telephone +49 69 6302-272 |
| Power Capacitors | dietrich@zvei.org<br>Telephone +49 69 6302-462 |
| Transformers and Power Supplies | korthauer@zvei.org<br>Telephone +49 69 6302-256 |
| Application Group Automotive | stoppok@zvei.org<br>Telephone +49 69 6302-276 |
| Installers‘ and Planners‘ Consortium | krapp@zvei.org<br>Telephone +49 69 6302-272 |

| Syndicats membres | Contacts |
|---|---|
| Alliance pour la confiance numérique (ACN) | iboistard@confiance-numerique.fr<br>Téléphone +33 1 45 05 70 48 |
| Syndicat des automatismes du génie climatique et de la régulation (ACR) | florent.trochu@acr-regulation.com<br>Téléphone 33 1 45 05 71 22 |
| ACSIEL - Alliance Electronique | grizzo@acsiel.fr<br>Téléphone 33 1 45 05 72 68 |
| Alliance Française des Industries du Numérique (AFNUM) | selkon@afnum.fr<br>Téléphone +33 1 45 05 72 26 |
| Fédération des grossistes en matériel électrique (FGME) | roland.mongin@fgme.fr<br>Téléphone +33 1 72 38 92 55 |
| Groupement interprofessionnel des fabricants d'appareils d'équipement ménager (GIFAM) | cbeurdeley@gifam.fr<br>Téléphone +33 1 53 23 06 53 |
| Syndicat du Luminaire (GIL) | dg@luminaire.org<br>Téléphone +33 1 42 78 48 05 |
| Groupement des industries de l'équipement électrique, du contrôle-commande et des services associés (GIMELEC) | adefleurieu@gimelec.fr<br>Téléphone +33 1 45 05 71 32 |
| Industrie du génie numérique, énergétique et sécuritaire (IGNES) | blavigne@ignes.fr<br>Téléphone + 33 1 45 05 71 83 |
| Syndicat des énergies renouvelables (SER) | damien.mathon@enr.fr<br>Téléphone +33 1 48 78 05 60 |
| Syndicat des industries exportatrices de produits stratégiques (SIEPS) | pguibert@fieec.fr<br>Téléphone +33 1 45 05 70 56 |
| Groupement des entreprises de service et de maintenance (SIRMELEC) | ykassianides@sirmelec.fr<br>Téléphone +33 1 45 05 70 11 |
| Syndicat national des entreprises de sous-traitance électronique (SNESE) | info@snese.com<br>Téléphone +33 2 98 55 04 56 |
| Syndicat national de l'industrie des technologies médicales (SNITEM) | eric.leroy@snitem.fr<br>Téléphone +33 1 47 17 62 62 |
| Syndicat français des fabricants de piles et d'accumulateurs portables (SPAP) | acwedrychowska@spap.fr<br>Téléphone +33 1 45 05 72 06 |
| Syndicat professionnel de la distribution en électronique industrielle (SPDEI) | gilles.rouviere@spdei.fr<br>Téléphone +33 1 45 05 70 86 |
| Syndicat professionnel des fabricants de fils et câbles électriques et de communication (SYCABEL) | regis.paumier@sycabel.com<br>Téléphone +33 1 47 64 68 10 |
| Syndicat national de l'enseigne et de la signalétique (SYNAFEL) | sraimbault@synafel.fr<br>Téléphone +33 1 53 65 16 38 |
| Syndicat de l'Eclairage | lbrunet@syndicat-eclairage.com<br>Téléphone +33 1 45 05 72 72 |
| Syndicat de la Mesure | mesure@syndicat-mesure.fr<br>Téléphone +33 1 43 34 76 81 |
| Tech In France | l.riviere@techinfrance.fr<br>Téléphone +33 1 40 32 45 90 |
| Fédération des industries du cinéma, de l'audiovisuel et du multimédia (FICAM) | Jean-yves.mirski@ficam.fr<br>Téléphone +33 1 45 05 72 47 |
| Fédération des industriels des réseaux d'initiative publique (FIRIP) | dg@firip.fr<br>Téléphone +33 1 45 05 70 87 |
| Fédération des entreprises de génie électrique et climatique (SERCE) | a.valachs@serce.fr<br>Téléphone +33 1 47 20 42 30 |

# Notes

# Notes

FIEEC

FEDERATION DES INDUSTRIES ELECTRIQUES, ELECTRONIQUES ET DE COMMUNICATION

www.fieec.fr

ZVEI:

Die Elektroindustrie

www.zvei.org