

# EUROLAB Newsletter

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Newsbriefing No. 3/2019

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Dear EUROLAB members,

Please find below the third EUROLAB newsbriefing of 2019 with information regarding the actions carried out by EUROLAB and developments relevant to the Laboratory community.

The road to the next decade that will take us into 2030 is often associated with the idea that we have multiple and complex global challenges that interact with the foundations of society. The results that will be obtained depend on the choices people and organizations make in the evolutionary process.

The challenges of the digital transition reflected in the creation of the European digital single market (#DigitalSingleMarket), climate changes and its impact on people's lives and in the economy, the new social models where security and cybersecurity play a major role, artificial intelligence and revolution of robotization and the impact in the labour organization, are some examples of key issues for the thinking and for the management of organizations acting in the laboratory and conformity assessment scope.

The next decade will bring many challenges for laboratories in redefining their activity but, above all, in their ability to adapt in a timely manner to the ever-changing reality. This will also be the challenge ahead for EUROLAB aisbl: how to follow and support the laboratory community in this new reality. A first step taken is to promote in 2020 an event dedicated to prepare the future. It will be called "Lab of the Future" and we count on you to share ideas.

In this framework is expected that EUROLAB will continue to have a strong bond to laboratories and their Associations in Europe, consolidating its role in defending the interests of this community related to a fair competition field, creating conditions for capacity building and knowledge transfer, and promoting the network of cooperation with laboratories and other stakeholders, fulfilling its mission as representative of a relevant part of the TIC Sector (Testing, Inspection and Certification).

Looking forward to increase co-operation with you, aiming to achieve the highest purpose of promoting the Laboratories contribution to the improvement of Safety and Quality of Life.

Yours Sincerely,



EUROLAB President  
Álvaro Silva Ribeiro

**eurolab**

## National Members News

### Hellaslab News



- **Workshop for « Methods and tools of evaluation of the uncertainty of measurement »** Hellaslab organized on September 21, 2019 a seminar on the “methods and tools of evaluation of the uncertainty of measurement” which took place in Athens, which was attended by 25 participants from laboratories all over Greece. Speaker was Dr. Emmanouil Mathioulakis (from Greek Research Center for Physical Sciences “DIMOKRITOS”). This workshop was based on presentations, but also on questions and answers from participants. We are ready to organize another workshop on November 2nd, as the demand from the laboratory community in Greece is growing. It will focus on selected subjects for the implementation of EN ISO/IEC 17025:2017 – especially on Opinions & Interpretations.



### ALPI News

- **Kiwa Italia launches its new Plastic Laboratory in Bologna, with a focus on technology and innovation.** The inauguration of the new Plastic Laboratory will take place on Tuesday 12 November at Kiwa Italia Group Headquarters in Granarolo dell' Emilia, Bologna. The new Testing Facility joins the solid fuel testing laboratories launched in 2016 in San Vendemiano (TV), the solar laboratory opened in 2017 in Cormano (MI) and the already existing metrological, mechanical and metallurgical (Bologna) and gas fuel (San Vendemiano) laboratories. The opening of the Kiwa Italia Plastic Laboratory responds to the increasingly stringent demands of an ever-changing sector, with the aim of supporting companies in their growth and innovation, both nationally and internationally. From characterization of raw materials to tests on finished products, from tests on small sizes to remarkable volumes, the completeness of the activities of the new Plas-



tic Laboratory make it unique in its field and suitable to meet the multiple needs of the market. The totally new testing machinery and instruments, interconnected by IoT and aligned with the latest versions of the standards, guarantee reliability and precision when conducting tests, without gaps in continuity and under the competent supervision of Kiwa technicians. The wide range of laboratory tests allows the manufacturer of Water&Gas Utilities to find in Kiwa the unique partner for every need related to the products, from the thermo-hydraulic ones to those used in transport and distribution, thanks to a local test laboratory that provides the key to access global markets.

### EUROLAB CZ News



- **QUALIFORM, a.s., member of EUROLAB-CZ, has been newly designated as a notified body under the EU Pressure Equipment Directive (PED) - see [NANDO](#).** The notification covers the following product families and products:
  - \* Pressure equipment
  - \* Pressure equipment of categories II, III, IV as parts of refrigeration installations
  - \* Safety accessories
  - \* Pressure accessories
  - \* Pressure equipment and assemblies except for portable fire extinguishers and bottles for breathing apparatus
  - \* Pressure equipment and assemblies of categories II, III, IV as parts of LPG and water installations
  - \* Pressure equipment and assemblies of categories II, III, IV as parts of refrigeration installations
  - \* Pressure equipment as referred to in 1(a), 1(c) and 1(d) of Article 4 and assemblies as referred to in 2 (b) of Article 4
  - \* Pressured tanks

- **Apparatus for measuring the dynamic stiffness of acoustical materials.**

Technical and Test Institute for Construction Prague, SOE, member of EUROLAB-CZ is now improving the acoustic test facility. The new apparatus for measuring the dynamic stiffness of acoustical materials is compatible with ISO 9052-1:1989 Acoustics - Determination of dynamic stiffness - Part 1: Materials used under floating floors in dwellings. The dynamic stiffness of elastic insulation materials is an important material parameter in building acoustics and must be known, for example, to predict the resonance frequency of floating floors or double walls.



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## Turklab News



- TÜRKAK Conformity Assessment Bodies (UDK) Information Sharing Meeting. Conformity Assessment Bodies Information Sharing Meeting by the Turkish Accreditation Agency's Department of Laboratory Accreditation took place on July 08, 2019 in Ankara and on July 12, 2019 in Istanbul. The Chairman Halit KARABOĞA and Board Member Sabahnur DEMİRCİ attended the meeting. The discussed topics at the meeting were TÜRKAK, EA, ILAC policy and documentation, outcomes of the EA-ILAC meetings, OECD GLP Good Laboratory Practices, revision of the TS EN ISO/IEC 170275:2017 standard, measurement ambiguities and method validation, the procedure for conformity assessment bodies, qualification tests and the procedure for interlaboratory comparison programs, and developments at TÜRKAK. The Board Member Sabahnur DEMİRCİ did a presentation on TURKLAB's activities and the cooperation with TÜRKAK. After the presentations, the questions of representatives from Conformity Assessment Bodies were answered.



## LNEC News



- MATHMET is the European platform for metrologists, academia and industry regarding mathematical and statistical research in all metrological areas, established as an outcome of the European Metrology Research Programme (EMRP) project NEW04 "Novel mathematical and statistical approaches to uncertainty evaluation" (2011-2014). MATHMET 2019 International Workshop will be held in Lisbon (Portugal), 20–22 November 2019, aiming at providing a forum for applied mathematicians, statisticians, and metrologists to present and discuss contemporary methods and challenges in applications of mathematical models and statistical data analysis to measurement science. Register [here](#)



## TIC Market Trends

### Business Developments

- **ALS has won the CARE Award for Innovative App ALS Compass.** The CARE Award recognizes technologies and innovations in the area of contamination assessment and remediation of the environment and celebrates the achievements of the winner among the industry sector and peers. ALS Compass is a 'Sampling Intelligence' that integrates complete data management from planning through to results. Read [more](#)
- **ALS has announced new testing capabilities in its Brisbane Laboratory** for the analysis of Total Organic Fluorine in soils, sediments, waters (including landfill leachates) and Aqueous Film Forming Foam (AFFF) products, by Combustion Ion Chromatography (CIC). Read [more](#)
- **Appplus+ IDIADA and Atlatec GmbH have signed a Collaboration Agreement for the creation of digital maps (HD maps) to be used in test drives of autonomous vehicles on public roads.** As a first step in their collaboration, both companies agreed to collect raw sensor data of various routes in the Catalonia region, and to create a sample HD map for one of those routes. Read [more](#)
- **Bureau Veritas has announced it has divested its consulting business unit providing health, safety and environmental services in North America (HSE Consulting) to Apex Companies, LLC (Apex),** a North American provider of HSE services. The HSE Consulting business unit in North America generated c. \$30 million in revenues in 2018 and is served by approximately 170 employees. The transaction closed on June 28, 2019. Read [more](#)



- **Bureau Veritas has announced that it has signed a framework agreement with the Safran Group for inspections of its technical facilities.** The three-year contract will allow Bureau Veritas to work on Safran Group sites in France and abroad. Read [more](#)
- **Bureau Veritas has signed a co-operation agreement with Cornis, an provider of wind turbine blade inspections and artificial intelligence (AI) solutions.** Through this partnership, Bureau Veritas will offer Advanced Blade Inspection (ABI) services based on in-situ data collection and digital processing of images to wind farm owners and operators. Read [more](#)
- **Control Union partners with A Plastic Planet for a Plastic Free Trust Mark.** The Partnership will accelerate the roll out of the first global standardized Plastic Free Trust Mark for brands and producers. Read [more](#)
- **DEKRA Award 2019 now allows Startups to apply for the safety award in a separate competition.** Digital economy platform Gründerszene is championing the award as a network partner. There is also a new format for announcing the winner of this category. The audience at the award ceremony actually takes on the role of the jury and picks a winner from among the finalists. We are accepting applications until September 13, 2019. Read [more](#)
- **DEKRA has announced to continue their 30-year-long partnership with DTM,** the touring car racing series. This means that the DEKRA experts, working in partnership with the DMSB (Deutscher Motor Sport Bund, Germany's motor racing governing body), will continue to be responsible for performing scrutineering on the DTM cars. DEKRA's commitment as a series sponsor will also continue. Read [more](#)
- **DEKRA has expanded its range of services and testing capacities in Stuttgart.** A new EMC laboratory and battery test facilities will ensure an all-in service for manufacturers and dealers of bicycles and Personal Light Electric Vehicles (PLEVs). Read [more](#)
- **DEKRA has opened its largest Periodical Vehicle Inspection (PVI) station worldwide in the Chinese capital Beijing.** Experts are set to inspect about 100,000 vehicles per year there. Following the launch in the Southern city of Shenzhen in March of this year, it is the company's second PVI station in China. Read [more](#)
- **Eurofins Consumer Product Testing UK team will be relocating to a new site this July.** Following 4 years at the existing Sale Manchester office, the experienced team of 11 will be moving into new facilities almost doubling the square footage (183 sq m. of flexible space over 2 floors) to support the future strategy and growth plans of the service. Read [more](#)
- **Intertek Caleb Brett has announced that it expands its petrochemical activities with new laboratory on the Left Bank at the Port of Antwerp.** Vital for imports and exports on the Left Bank, this new laboratory enables direct access for chemical carriers, refiners, distributors and trade companies. Operational as of August 1, 2019, this location will focus on chemical solvents, petrochemicals and special chemicals, and in the later phase, gases can also be analysed. Read [more](#)
- **Intertek has announced a European Centre of Excellence for high voltage EV propulsion systems testing in Milton Keynes.** With an already existing powertrain testing laboratory in Milton Keynes the new Centre of Excellence for EV Propulsion Systems Testing at a nearby secondary location, with its additional capacity and capabilities, will significantly enhance Intertek's offering for customers in the automotive sector and place Intertek at the forefront of the industry for electric vehicle (EV) powertrain testing capabilities. Read [more](#)
- **Intertek has announced that two of its Connected World testing laboratories have been approved by CTIA, the voice of America's wireless industry, as authorized testing labs (CATL's) for the CTIA Cybersecurity Certification Test Plan for IoT Devices.** With this approval, Intertek facilities in Lexington, Kentucky and Rockville, Maryland will be able to test and certify connected devices to CTIA's specifications for cybersecurity. Read [more](#)
- **Intertek has announced the expansion of its petrochemical inspection and testing facility in Ellesmere Port, Cheshire.** The laboratory has expanded its capabilities to include the testing of Liquefied Petroleum Gas (LPG). The investment in LPG testing is in direct response to market demand both domestically and commercially. Read [more](#)
- **Intertek has announced the expansion of its Production & Integrity Assurance laboratory in Trafford Park, Manchester.** The laboratory has introduced a new analytical testing service, providing the local region with a wide range of routine monitoring services including corrosion support, water chemistry analysis and deposit identification. The new services are mostly sought after by the local oil and gas and water industries. Read [more](#)
- **Intertek published a study revealing that almost three-quarters of UK companies believe there are too many ESG reporting standards and measures, with 85 per cent calling for greater clarity, according to new research from Intertek.** Sustainability has become a mainstream concern for companies, with heightened expectations from investors, regulators, government, employees and the public. 74 per cent of c-suite level respondents agree that customers and other stakeholders are demanding that companies do more in relation to sustainability. Read [more](#)
- **KIWA will open a state-of-the-art Fire Lab in Apeldoorn in the Netherlands in November.** Test facilities will include a fire chamber and a smoke tunnel. On this occasion KIWA will host the seminar "Better safe than sorry! How to deal with complexity and integrality or future trends?" on November 13. Read [more](#)
- **Lloyd's Register has signed an agreement with COSCO Shipping LNG Investment (Shanghai) Co., COSCO Shipping Heavy Industry Co., Ltd, Jiangnan Shipyard (Group) Co., Ltd. (JN), Marine Design and Research Institute of China (MARIC), Shanghai Ship and Shipping Research Institute (SSRI) and China Classification Society (CCS) to design and develop the first 220k LNG carrier with a GTT Mark III membrane containment system.** Read [more](#)

- **SGS and Graz University of Technology have inaugurated the SGS Cyberlab Graz, as part of the Cybersecurity Campus project that will focus on cybersecurity research.** At full operation, 400 people will work on testing and certification combined with research. Read [more](#)
- **SGS has expanded its furniture testing capabilities in Europe to support EU manufacturers exporting products to the USA.** With consumption in the USA growing rapidly and expected to continue, European businesses can see potential for their own growth in this large market Read [more](#)
- **SGS has opened its new electrical and electronic products testing laboratory in Yokohama, Japan.** This new 375 square meter facility expands the company's capability to provide a one-stop facility for the testing of medical devices, IT equipment, industrial equipment and consumer electrics. Read [more](#)
- **SZU and KGS (Koran Gas Safety Corporation) have signed a new Memorandum of Understanding (MoU) on 16th September 2019 on the premises of SZU in Brno.** The Korean party showed great interest in the exchange of technical information and experience and indicated a growing importance of some new fields in Korea, including the development of fuel cells for the production of electrical and thermal energy. Read [more](#)
- **TÜV SÜD PSB has signed a Memorandum of Understanding (MoU) with the Vietnam Certification Centre Quacert in the field of testing and factory inspection.** The purpose of this agreement is to have Quacert's TÜV SÜD test results and factory test reports recognized, to receive training on Vietnamese regulations and certification requirements, and to maintain technical competence for the specified scope of Vietnam's national technical standards. Read [more](#)
- **UL has announced a strategic collaboration with Viakoo, a company in automated IoT service assurance solutions, to mitigate ongoing operational and cyber-hygiene issues commonly found in physical security systems.** Together, UL and Viakoo will explore opportunities to provide services and best practices to help businesses maintain compliant physical security systems that are resilient to cyber threats throughout the service life. Read [more](#)
- **UL has announced to develop a large-scale electric vehicle battery laboratory.** It will provide comprehensive EV battery testing and advisory services for EV automotive and battery manufacturers and their top suppliers. Read [more](#)
- **UL has Launched Cannabis Facility Audit Service in Canada.** UL's cannabis facility audit helps companies identify and address safety and security gaps that may exist within their cannabis facilities. Read [more](#)
- **UL has signed a strategic cooperation agreement with real estate service provider, Savills Davis.** They will jointly promote the health building certification system Fitwel in China. Read [more](#)
- **SGS has opened new E-Mobility Laboratory near Munich.** The lab will perform safety and functional testing as well as environmental simulations. Up to 40 SGS experts will test traction batteries and components of electric vehicles for performance and safety. The multifunctional laboratory has a testing area of approximately 4,000 m<sup>2</sup>. Read [more](#)
- **SZU has started an official cooperation with UL LLC (formerly Underwriters Laboratories, Inc.).** The key area of this partnership will be products and equipment concerning the so called e-mobility (e. g. electric bikes and electric scooters), EMC and LVD for electrical equipment and the heating technology field. Read [more](#)
- **SZU has become members of the iNETME project (International NET for Mechanical Engineering).** The aim is to encourage a greater involvement of science and research teams into international projects in the field of mechanical engineering. Read [more](#)
- **SZU took part in a pilot project comparing international laboratories, so called "Proficiency testing", launched by the United States Environmental Protection Agency.** It focuses on comparing emission parameters of local heaters and boilers for solid fuels. This comparison was unusual because it was monitored by an independent auditor during the whole 3 days it lasted. Besides participants from North America, two European countries were also present (Denmark and Sweden). Read [more](#)
- **UL and Savills have announced a Strategic Cooperation Drawing a Blueprint for Healthy Building Development** to jointly promote the health building certification system Fitwel in China. Fitwel is a global authoritative health building certification system jointly launched by the US Centers for Disease Control and Prevention and the US General Services Administration in 2017. Read [more](#)
- **UL has signed a Memorandum of Understanding (MOU) with Xiaoguang (Alice) Kou, vice-director of CNEx,** the Nanyang Explosion Protected Electrical Apparatus Research Institute to advance hazardous locations testing in China. It was recently announced that the China Compulsory Certification (CCC) Mark will become mandatory for products used in hazardous locations (explosive atmospheres) as of October 1, 2020. Read [more](#)

## Mergers and Acquisitions

- **DEKRA has acquired the assets of JAMKO in Lyons, New York.** DEKRA has expanded its mechanized and industrial inspection business in the United States. JAMKO represents a significant presence in the nuclear and municipal industrial inspection markets in the northeastern United States. Read [more](#)
- **Kiwa has acquired Acheta Consulting Ltd.** The new company adds pest management services to the portfolio. Read [more](#)

- **SGS has announced the acquisition of a majority stake in ARGUS International, Inc., based in Denver, Colorado, USA.** ARGUS is a provider of data-driven inspection, audit, safety and compliance solutions to the global aviation market. Read [more](#)
- **TÜV Rheinland expands its Inspection Business in Scandinavia with the acquisition of BMG Trada.** The company is headquartered in Gothenburg, specialized in ISO 9001 certification, environmental management and occupational health and safety management. Read [more](#)
- **ALS has acquired Latin American pharmaceutical business ARJ.** ARJ is based in Mexico City, Mexico and is the largest private pharmaceutical testing laboratory in Latin America with revenues of over \$30 million. Founded in 1967 and employing over 500 people, ARJ specialises in providing quality control for medicines, biological products, generics, biosimilars, cosmetics and medical devices and services many of the largest global pharmaceutical companies. Read [more](#)
- **Bureau Veritas has acquired Q Certificazioni and enters the organic food certification market in Italy.** headquartered near Siena in Tuscany, Q Certificazioni has 12 employees and generated c. €2 million in revenues in 2018. The company delivers accredited organic certification services for food products against national and international standards to a client base of farmers, food producers and retailers. Italy is one of Europe's leading countries in the production of organic food and one of the leading exporting countries of organic produce. Read [more](#)
- **DEKRA has acquired JAMKO's business operations based in Lyons, New York** and has expanded its mechanized and industrial inspection business in the United States. JAMKO specializes in remote mechanized visual inspection in nuclear and municipal markets. Read [more](#)
- **Eurofins Consumer Products Testing (CPT) has announced the acquisition of LAB Solution S.r.l.** Established in Italy, LAB Solution provides chemical analysis, physical and environmental testing and regulatory support to high-end brands, retailers and manufacturers in the Italian textile industry, having become a benchmark in this market sector. Read [more](#)
- **Eurofins Consumer Products Testing (CPT) has announced the acquisition of AQM.** Established in France, and subsequently moving to Shanghai, AQM provides inspection and audits, Corporate Social Responsibility and brand protection, mostly in Asia (China, Cambodia, Vietnam, Myanmar, India, Bangladesh, Pakistan), but also in EMEA (Europe, Turkey, Tunisia, Morocco and Ethiopia). Read [more](#)
- **Eurofins Scientific (EUFI.PA) has announced that it has closed the acquisition of Transplant Genomics Inc. ("TGI"),** a molecular diagnostics company committed to improving organ transplant outcomes with non-invasive serial monitoring guided by genomics. Read [more](#)
- **Kiwa has acquired Acheta Consulting Ltd.** The new company adds pest management services to the portfolio. Acheta's core business activities are independent pest management inspection, training and consultancy. These will all continue unchanged. Read [more](#).
- **Kiwa has acquired Moroni & Partners (M&P),** a provider of engineering services to energy plants. The acquisition of M&P will further strengthen and improve Kiwa Italy's international package of services dedicated to the solar sector. Read [more](#)
- **SGS has announced the acquisition of 20% of the shares of Vircon Limited (Vircon), based in Hong Kong.** Vircon operates in the fast-growing Building Information Modelling (BIM) market in Hong Kong and elsewhere in the North East Asia region. SGS currently operates a joint venture with Vircon, and the acquisition of 20% of the Vircon shares will further strengthen the business cooperation between Vircon and SGS. Read [more](#)
- **SGS has announced the acquisition of a majority stake in Maine Pointe LLC, headquartered in the USA with offices in Canada and Europe.** Maine Pointe is a supply chain and operations consulting firm delivering business process optimization and improvement through its proprietary methodology named Total Value Optimization (TVO)<sup>™</sup>. Read [more](#)
- **SGS has announced the acquisition of DMW Environmental Safety Ltd (DMW), based in Wolverhampton, United Kingdom.** DMW is a solution provider of health & safety services including asbestos surveys, monitoring and analysis, building compliance services, water hygiene services (legionella risk assessment), fire safety audits and occupational hygiene. Read [more](#)
- **SGS has announced the acquisition of the assets and operations of Forensic Analytical Laboratories, Inc (FALI),** based in California and Nevada, USA. FALI is a provider of industrial hygiene, mold, bacteria, metals, particles, contamination control and asbestos & fibers testing on the US West Coast. Read [more](#)
- **UL has announced the acquisition of Healthy Buildings International, Inc.,** a U.S.-based indoor environmental testing and sustainability services company with expertise in indoor environmental quality, sustainability services for green building certifications, energy audits and water audits. The acquisition enables UL to extend its sustainability and air quality expertise across the built environment value chain to building owners and expand in global markets. Read [more](#)
- **UL has announced the acquisition of Wintech Testing and Certification,** a Telford, U.K.-based firm that provides testing and certification services to architects, building owners, manufacturers and others across the built environment community. The acquisition strengthens UL's expertise in the field of building envelope evaluation, testing and certification, and offers greater access to global markets. Read [more](#)

## Personnel

- **Ron Scheepers has been announced new Executive Vice President for the Service Line Assurance at KIWA from October 1.** Scheepers will succeed Erik Landgren, who is now Country Manager of Kiwa Inspecta Sweden. Read [more](#)
- **Steven Thys has been appointed as Director of Global Clinical Operations at SGS.** He will be based in Mechelen, Belgium, responsible for all SGS's clinical trial management hubs in Europe and North America. Read [more](#)
- **Miklós Cseresznyák has been appointed as new CEO at ÉMI-TÜV SÜD Kft.** Miklós Cseresznyák will strengthen ÉMI-TÜV SÜD's current position on the domestic market in Hungary. ÉMI-TÜV SÜD Kft. is a joint venture of ÉMI Non-profit Llc. and German testing and certification organisation TÜV SÜD AG. Read [more](#)
- **Robert Schmidt and Thomas Fleischanderl have been announced new CEOs at Ingenieurbüro Moser GmbH.** The company is a proxy of TÜV Austria. Read [more](#)

## Business Results

- **Bureau Veritas has published 2019 figures** Read [more](#)
  - Revenue of EUR 2,477 million in H1 2019, +5.9% year-on-year of which +5.3% at constant currency (cc).
  - Organic growth<sup>1</sup> reached +4.0% in H1 2019 of which +4.0% in the second quarter
  - Adjusted operating profit of EUR 375.5 million (15.2% margin) before applying IFRS 16; At constant currency and before applying IFRS 16, margin progressed by 25 bps year-on-year to 15.1%
  - Adjusted net profit of EUR 206.6 million (EUR 0.47 per share) after applying IFRS 16
  - Free cash flow of EUR 140.9 million after applying IFRS 16; Before applying IFRS 16, free cash flow stands at EUR 97.6 million, up 55.2% year-on-year
  - Adjusted Net debt / EBITDA ratio reduced from 2.82x at the end of June 2018 to 2.25x at the end of June 2019
- **Eurofins reports robust financial performance in H1 2019 despite disruptions from the June cyber-attack** Read [more](#)
  - Revenues increased 24.3% year-on-year to EUR 2,168m in H1 2019 vs. EUR 1,743m in H1 2018.
  - Due to the lack of comparability of the revenues for the month of June as a result of the June 2nd cyber-attack, like for like organic growth for Q2 and H1 2019 unfortunately cannot be determined.
  - Organic growth in the period January to May 2019 was over 4.5% (5.5% excluding Boston Heart Diagnostics, "BHD"), in line with the Group's annual objective. In July 2019, organic growth was above those year-to-date May 2019 values, confirming the good recovery of the business after the cyber-attack.
- **Intertek has published the half year results.** Read [more](#)
  - Robust group revenue of €1,612bn (£1.443bn): +4.9% at constant rates, +7.0% at actual rates
  - Broad based organic revenue growth of +3.0% at constant rates: Products +2.1%, Trade +5.1%, Resources +3.5%
  - 1.9% revenue growth from acquisitions in attractive growth and margin sectors
  - 6.8% increase in adjusted operating profit at constant rates, +7.9% at actual rates
  - Continuous adjusted margin progression: +30bps at constant rates, +10bps at actual rates
  - Robust adjusted diluted EPS growth: +6.0% at constant rates, +7.2% at actual rates
  - Diluted EPS growth of +2.9% at constant rates, +4.8% at actual rates
  - Strong operating cash flow of €244.5m (£218.9m), +11.9% vs. last year
  - 7.2% increase in half year dividend payment
- **SGS has published the 2019 half year results** Read [more](#)
  - Total revenue grew by 3.9% at constant currency to EUR 2.99 billion.
  - Good organic growth of 3.5% was achieved across the business portfolio, with most business lines delivering mid-single-digit growth.
  - The adjusted operating income reached EUR 443 million, versus EUR 420 million in prior year, an increase of 5.4% on a constant currency basis.
  - The adjusted operating income margin increased by 20 bps on a constant currency basis to 14.6%.

## Accreditation and Standardisation

### Standardisation

- ISO recently released its September/October 2019 issue of ISOfocus entitled "Trade, today and tomorrow." A copy can be downloaded here: [https://www.iso.org/isofocus\\_136.html](https://www.iso.org/isofocus_136.html)

- Philippe Metzger will be presented to the Council at the General Assembly in Shanghai for appointment as the next General Secretary and CEO of IEC. His current position is Director General of the Swiss Federal Office of Communications (OFCOM) where he is the senior government official in charge of electronic communications, the postal sector and digitization strategy
- ISO is currently considering an application from the World Anti-Doping Agency (WADA) for A-Liaison status.
- ISO recently published a clarification to ISO/IEC 17021-1 "Conformity Assessment - Requirements for bodies providing audit and certification management systems - Part 1: Requirements" Section 5.2.8. The clarification from ISO identifies that a CAB can contract with an organization which provides consultancy services, if the contract doesn't constitute outsourced activity but is limited to the use of specific employees of that organization as external auditors for the CAB as long as risk evaluation provides for adequate mitigation of any related threats to impartiality and confirms the absence of any conflict of interest.
- Draft "ISO Strategy 2030" was released for comment in early July 2019, [click here for a copy](#).
- ISO recently published [ISO 46001](#), Water efficiency management systems – Requirements with guidance for use, aims to help organizations of all sizes and status be more water-efficient.
- Ballot results for ISO/IEC 17030 - The ballot proposal was approved to review ISO/IEC 17030: 2003; the revision will be co-convened by Christian Priller (DIN) and Zheng Danden (SAC). CASCO members and Organizations in liaison are invited to communicate any additional nomination of experts (to [casco@iso.org](mailto:casco@iso.org)) by the 31st of July 2019.
- [World Standards day](#) will be October 14, 2019. Events will be held world wide with the theme being "Video Standards Create a Global Stage."
- "Robots, AI and big data pave way for smart farming," [from IEC E-news](#).

## Accreditation

### EA

- The EA REPORT to IAF/ILAC and Regions June 2019 has just been [released](#).
- The following revised EA publications are available online on the public website:
  - INF/02 "Contact Persons of EA Full and Associate Members, Recognized Stakeholders and Observers" at: [click here](#)
  - EA-INF/01 "List of EA Publications and International Documents" at: [click here](#)
- A first round of revision was finalized for EA-2/17 - Document on Accreditation for Notification Purposes – and the document has now been distributed for a 2nd round of comments.
- The EA has released an initial draft of their Guidance on Consultancy, the TIC Council Accreditation committee and PAC are developing a response.
- The next EA General Assembly will be held 20-21 November, 2019 in Budapest, Hungary.

### IAF/ILAC

- The IAF/ILAC joint meeting will be in Frankfurt, Germany 21-30 October, all conference details including registration can be found at <https://ilaciafmeetings.org>
- ILAC G8:09/2019 *Guidelines on Decision Rules and Statements of Conformity* has been published and is available from <https://ilac.org/publications-and-resources/ilac-guidance-series/>. This document aims to provide an overview for laboratory staff, assessors, regulators and customers when considering decision rules and statements of conformity with specifications and standards.
- IAF is currently soliciting comment on IAF/ILAC document *Generic Competence for Accreditation Body Personnel Involved in the Accreditation Process: Application of ISO/IEC 17011:2017*.
- IAF, ILAC, and IEC renew tripartite MOU, [more here](#).
- ENAS, the Emirates National Accreditation System is now a full member of ILAC.
- In 2018 ILAC commenced a Secretariate Study to identify and optimize the ILAC structure. The study is being finalized and members have received a draft version. The study will be discussed during the October 2019 ILAC General Assembly in Frankfurt, Germany. Conference information can be [found here](#).
- IAF-ILAC Joint Annual Meeting will be held 21-30 October 2019 in Frankfurt, Germany. Registration is now open to all members.
- As a result of the recent ballot ILAC G27:07/2019 Guidance on measurements performed as part of an inspection process has been published and is available from <https://ilac.org/publications-and-resources/ilac-guidance-series/> A summary of changes can be found in the revision table included as an Annex.
- Draft minutes from the 18<sup>th</sup> IAF/ILAC Joint General Assembly and 32<sup>nd</sup> IAF General Assembly have been released for review and comment.
- IAF MD 18:2015 Application of ISO/IEC 17021:2011 in the Service Management Sector (ISO/IEC 20000-1) has been withdrawn.

- **How laboratory digitization & automation is paving the way for research integrity.** The most widely-known form of

The following documents are now available on the IAF website:

- IAF MD 11:2019 IAF Mandatory Document for the Application of ISO/IEC 17021-1 for Audits of Integrated Management Systems, [more here](#).  
This document provides requirements for the application of ISO/IEC 17021-1 for the planning and delivery of audits of IMS and, if appropriate, the certification of an organization's management system(s) against two or more sets of audit criteria/standards. Version 2 was published 03 July 2019 after agreement by letter ballot to change the application date to 17 January 2021. It is available on the IAF website under Publications, Mandatory Documents.
- IAF Public Document Responsibility List Rev. 16, [more here](#).  
This document lists the IAF Main Committee responsible for each publicly available IAF document. It is available on the IAF website under Publications, Documents for General Information.
- IAF Representatives, Liaisons, and Contacts List Rev. 14, [more here](#).  
This document lists the IAF representative(s) and liaison(s) to external committees and organizations, and the contact individuals in those committees and organizations. It is available on the IAF website under Publications, Documents for General Information.
- IAF Newsletter Issue 17, [more here](#).  
The latest Issue of the IAF Newsletter was published in June 2019, and contains articles from IAF Committees, Members, Stakeholders, and more. It is available on the IAF website under News & Events, IAF Newsletter.

## The Laboratory of the future

### Laboratory News

digitization in the scientific community is the [electronic lab notebook](#), or ELN. ELNs help to enforce [research integrity](#) through full audit trails, where the changes made are tracked and recorded, so that valuable data is never lost. Bench scientists working alongside robots is becoming more commonplace, albeit still a long way off from being widely adopted. What seems to be more customary these days is to have automated processes, such as pipetting robots, or [automated workstations](#). Read [more](#)

- **How Will Plan S Impact Scientific Research?** This plan, which the European scientific community introduced, wants to change the process by making research available to the public. The program includes 10 driving principles and four actions that need implementation by 2020. Read [more](#)
- **LOFAR (Low Frequency Array) is the world's largest and most sensitive low frequency radio telescope. It was designed, built, and is now operated by ASTRON, the Netherlands Institute for Radio Astronomy.** LOFAR's reach now spans Europe – from Ireland to Poland, with the newest LOFAR antenna station being delivered to Ventspils University of Applied Sciences in Latvia. Here we propose that LOFAR is a prime example of how state-of-the-art facilities leads to the sharing and building of competencies and innovation: it is one of today's major success stories of research infrastructures on a European scale. Read [more](#)
- **The new SiLA 2 standard will realize the usage of a single lab device to the control of complex platforms.** The standard is designed to cover the control of simple lab devices, like a thermometer, a balance etc. up to complex devices, like pipetting robots, HPLC or GC-MS instruments, providing a unified communication framework and data exchange format, which is designed to be fast, flexible and future-proof. Read [more](#)
- **Agilent Survey of Pharma Lab Leaders Uncovers**

### Challenges in Workflow and Laboratory Efficiencies.

Respondents included 650 laboratory managers, directors, and supervisors from China, Germany, India, South Korea, Switzerland, Austria, and the United States. The laboratories surveyed are involved in a range of activities from disease research to manufacturing; The market research firm Frost & Sullivan conducted the survey on Agilent's behalf. Read [more](#)

### Laboratory Events

- **13-14 November 2019: Lab of the Future Congress.** The Lab of the Future Congress is a multidisciplinary conference and exhibition allowing participants to discuss and debate best practice with industry peers and solution providers. Located within the Wellcome Genome Campus in Cambridge UK, the Lab of the Future Congress offers an opportunity for an open and flexible congress format in the heart of a world class research hub. Read [more](#)
- **30 - 31 October: Lab Innovations 2019.** The UK's only trade show dedicated to the laboratory industry, will be a one-stop showcase of new products and various aspects involved in future-proofing the laboratory. Visitors will be able to discover ways to improve workflow efficiency, benefit from advances enabled by the digital age, and make sustainable procurement decisions that both support the environment and also save money. Read [more](#)
- **29 October: Multi-Dimensional Chromatography at Syngenta.** Leading specialists from industry and academia will explain how they apply the latest 2-D techniques to achieve very difficult separations in the liquid, supercritical fluid, and gas phases. Instrumentation and consumables will be displayed in a comprehensive supporting exhibition from relevant manufacturers. Read [more](#)

## Policy News

### Chemicals

- **The European Chemicals Agency's (ECHA) committees have concluded on two restrictions and 15 harmonised classification and labelling opinions.** ECHA adopted its opinion on granules and mulches used as infill material in synthetic turf pitches or in loose forms on playgrounds and its opinion on the restriction proposal on N,N-dimethylformamide (DMF). Read [more](#)
- **ECHA's chemicals database has been redesigned and contains now more information on properties of concern as well as on nanoform substances.** The Infocard outlines how a certain substance is used, how it is classified or if it has any properties of concern. Read [more](#)
- **National Chemicals Agencies have proposed restrictions for skin sensitisers in textiles and leather articles.** The Swedish Chemicals Agency (KemI) and the French Agency for Food, Environmental and Occupational Health and Safety (ANSES) analysed several risk management options and proposed a restriction under REACH as the most appropriate measure to manage the possible risks that such chemicals pose to citizens. Read [more](#)
- **A new version of the European Union System for the Evaluation of Substances EUSES will be available in September 2019.** It is a software that has been available since the 1990s for risk assessment of industrial chemicals and biocides. In the long term, the European Chemicals Agency's (ECHA) is looking to develop a central tool to harmonise chemical risk assessment for REACH and biocides. Read [more](#)
- **The information requirements for the upcoming database on articles containing Candidate List substances (SVHCs) are now published. Companies will need to submit information to the database from January 2021 onwards.** Read [more](#)
- **The 2018 European Commission's second REACH Review concluded that REACH was operating effectively.** But it also identified 16 actions where further work would be needed to strengthen chemicals management throughout Europe. Read [more](#)
- **As the deadline for the UK's withdrawal from the EU on 31 October 2019 is approaching, European Chemicals Agency's (ECHA) urges companies to act and prepare for a 'no deal' scenario.** ECHA also urges downstream users located in the EU-27/EEA to act now to avoid disruptions in supply. Registrations made by UK manufacturers, importers and Only Representatives will become void if they are not transferred to EU-27/EEA before the UK withdraws from the EU. Read [more](#)
- **The 2018 RASFF the Rapid Alert System for Food and Feed annual reports provides a profound insight into the activity of the RASFF in 2018.** The data on the notifications by the EU countries are analysed and presented by country, type of food and type of hazard. Read [more](#)
- **The European Commission provided the final version of the Guidelines on the benefit-risk assessment of the presence of phthalates in certain medical devices.** The analysis concerns the following properties: carcinogenic, mutagenic, toxic to reproduction (CMR) or endocrine -disrupting (ED). Read [more](#)
- **The European Food Safety Authority EFSA is carrying out a public consultation on its pilot assessments of the risks posed to humans by residues of multiple pesticides in food.** Interested parties have until 15 November to submit comments on two assessments: one considers chronic effects on the thyroid system and the other looks at acute effects on the nervous system. Read [more](#)

### Consumer and Industrial Products

- **Think Chemicals of the Danish Consumer Council made a [new test](#) to investigate whether a range of colorful cardboard and paper packaging led to food and drink coming into contact with unwanted substances.** Unwanted substances can be released from colourful prints on disposable packaging (e.g. paper straws, paper bags for pick-and-choose confectionary, and coffee cups). Read [more](#)
- **The Member EU's States in the REACH Committee agreed unanimously to a Commission proposal amending the compliance check target of registration dossiers in REACH from 5% to 20%.** The Commission can proceed to adoption after a scrutiny period by the European Parliament and the Council of 3 months. Read [more](#)

### Emissions and Air Quality

- **The European Commission has launched a consultation on the Smart Readiness Indicator to help ensure that building owners, occupants and other interested parties are made aware of the significant benefits that smart technologies and ICT can bring to buildings,** particularly in terms of improved energy performance and enhanced comfort and well-being. The SRI is a new instrument to rate the smart readiness of buildings, to be established under the Energy performance of buildings directive. Read [more](#)
- **The European Parliament published the study "EU Environment and Climate Change Policies: State of play and challenges".** It reviews the state of play of on-going EU environmental and climate legislation and pinpoints key challenges for the next five years. Read [more](#)



Read more on all the new Commissioners on [Politico](#) and [Euractiv](#).



**Margrethe Vestager, Denmark, New Commissioner for Competition, Executive Vice President for a Europe fit for the digital Age:** Former Commissioner for Competition in the Juncker Commission. Member of the Danish liberal party and Minister of Economic Affairs and the Interior from 2011 to 2014. Opened

investigations regarding anticompetitive behavior of leading technology companies. In her [mission letter](#) von der Leyen asks her to chair the Commission Group on a Europe fit for the Digital Age, to co-lead the long-term strategy for Europe's industrial future, as well as the new SME Strategy. Furthermore, she should coordinate the work on an EU approach on Artificial Intelligence and the Digital Service Act.



**Kadri Simson, Estonia, Commissioner for Energy:** Member of the Centre Party in Estonia and she was the Minister of Economic Affairs and Infrastructure from 2016-2019. In her [mission letter](#) von der Leyen asks Simson to focus on the implementation of the energy efficiency and the renewable energy legislation. Moreover, she should

assess the potential of Liquefied Natural Gas.



**Sylvie Goulard, France, Commissioner for the Internal Market:** Former Member of the European Parliament (MEP) from 2009 until 2014. Deputy Governor of the Bank of France since 2018. Former Minister of the Armed Forces but had to step down due to investigations on fictitious employment of parliamentary

assistants. In her [mission letter](#) von der Leyen asks her to lead the work on a coordinated European approach on artificial intelligence and on the new Digital Services Act. She will be responsible for the single market for cybersecurity, notably looking at certification, implementing rules on security of network and information systems as well as rapid emergency response strategies. She will also assess whether the EU regime on Intellectual Property is fit for the Digital Age. On 10th October the Parliament rejected her due to the ongoing investigations. The names of Bruno Le Maire, Minister of the Economy, Florence Parly, Minister of Defence, Ségolène Royal, former Minister of the Environment, are quoted to replace Sylvie Goulard.



**Phil Hogan, Ireland, Commissioner for Trade:** Former Commissioner for Agriculture and Urban development. Irish Minister for the Environment, Community and Local Government from 2011 to 2014 and Minister of State at the Department of Finance from 1994-1995. Known as an outspoken critic of the British

Prime Minister Boris Johnson and Brexit. In her [mission letter](#) von der Leyen asks him to lead the reform of the World Trade Organization and to enhance the EU's possibilities to use sanctions. Besides, new trade agreements would contain a chapter on sustainable development.



**Frans Timmermans, The Netherlands, Executive Vice-President for European Green Deal & Climate Action:** Former First Vice-President of the Commission and Commissioner for Better Regulation, Interinstitutional Relations, the Rule of Law. He was the socialist candidate for the

Commission's Presidency. Minister of Foreign Affairs in the Netherlands from 2012 to 2014. As an Executive Vice President, he will now coordinate the portfolios of Agriculture, Cohesion and Reforms, Health, Transport, Energy, Environment and Oceans. In her [mission letter](#) von der Leyen asks him to increase the 2030 emission reduction target to at least 50% by 2030 (currently 40%) and to coordinate the work on the zero-pollution ambition. In the "first 100 days in office, (he) will propose the first European Climate Law" for the 2050 climate-neutrality



**Virginijus Sinkevičius, Lithuania, Commissioner for Environment and Oceans:** Only nominee from the Greens, 28 years old. Former Lithuanian Minister of the Economy and Innovation since 2017. Member of the Lithuanian Farmers and Greens Party, which is not affiliated to the European Greens. In her [mission letter](#) von der Leyen asks

him to deliver on the zero-pollution ambitions, the Circular Economy Action Plan and address the issue of microplastics' pollution .

## Events

14 – 16 October: [European Big Data Value Forum 2019](#) – European Commission – Helsinki

15 October: [How to handle security within electronic communication and particular within 5G?](#) – BEREC – Brussels

22-24 October: [User Conference on Advanced Automated Testing \(UCAAT\) 2019](#) – ETSI – Bordeaux

24 – 25 October: [ICPHSO Regional Event](#) – Dublin

4 November: [TÜV Cybersecurity Conference](#) - Berlin

6 November: Annual Reception – [Presentation of Road Safety Report 2019 – DEKRA](#) – Brussels

11-15 November: [Workshop on public health, global trade and intellectual property – WTO](#) – Geneva

12 November: [Reinventing Europe’s industrial leadership – Orgalim](#) - Brussels

13 November: [Boosting innovation through standards – CEN CENELEC](#) – Brussels

13-15 November: [Digitising European Industry Stakeholder Forum 2019](#), Madrid

19-20 November: [Uncertainty from sampling and analysis for accredited laboratories - Eurachem](#) – Berlin

20-22 November: [MathMet](#) , Lisbon.

12 December: [Cybersecurity Summit – CEPS](#) - Brussels

22-24 January: [2nd HUMAINT Winter school on Fairness, Accountability and Transparency in Artificial Intelligence](#), Seville

18-21 February: [ICPHSO annual meeting and training symposium](#) – Orlando, Florida

3 – 5 March: [IT-Trans Conference – Karlsruhe](#) (call for papers open until 10 October)

19-22 October 2020: [17th IMEKO TC 10 Conference: “Global trends in testing, diagnostics & inspection for 2030”](#), Dubrovnik,  
Deadline for the submission of extended abstracts: 15 May 2020.

## EUROLAB Events

17-18 October: EUROLAB National Members’ Meeting and accompanying events, Toledo

6-8 May 2020: EUROLAB General Assembly and 30th Anniversary Events, Madeira

Date tbc: EUROLAB National Members’ Meeting and 30th Anniversary Conference 2020, Vienna

## EUROLAB Condolences



We are very sorry to hear about the unexpected death of Roger Lyon, who brought great contributions in the cooperation with EUROLAB. On behalf of the EUROLAB Members and Board, we would like to express our sympathy and sincere condolences to all the EFNDT colleagues and to the family during these difficult moments