

EUROLAB Newsletter

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Dear EUROLAB Members,

Hereby we present you with the third EUROLAB newsletter of 2021, which I hope will find you all safe and healthy

In recent months, given the continuing impossibility of organizing face-to-face meetings, EUROLAB has continued to organize online activities aimed at encouraging collaboration between our Members and with technical and institutional stakeholders.

Among these activities, I would like to underline the importance of the renewal of the Memorandum of Understanding between EUROLAB and EURACHEM. The renewed agreement will be signed on Tuesday 19 October and sets the stage for a fruitful collaboration between the two organizations.

However, I would like to emphasize that only through participation, sharing issues of common interest, and joint working groups we can ensure that these agreements do not remain just good intentions. We will reap the rewards of the MoU if we are able to work together with EURACHEM on topics of common interest.

Also of significance was the collaboration with EURAMET in the workshop "Metrology for Digital Transformation" where topics related to "digitization of processes", the use of "digital technologies in industrial measurements" and "machine learning and artificial intelligence" were discussed; all these topics are also related to the project "The Lab of the Future" on which the Secretariat is collecting the expressions of interest of our Members, both associations and individual laboratories.

Finally, EUROLAB received an invitation from IMEKO to jointly organize the meetings of "TC 11 Measurement for testing, inspection and certification", chaired by our former president Alvaro Silva Ribeiro, and "TC 23 Metrology in food and nutrition" which will be held in Dubrovnik (HR) in the autumn of next year.

Personally, in recent weeks I had the opportunity to represent EUROLAB in the assembly of SoTLAN, the association of test laboratories of Nigeria, while in mid-October I will visit the dear friends of CROLAB by participating, finally live, together with Ms. Laura Martin, in the international conference "Competence Laboratory 2021".

We are therefore traveling through the last quarter of 2021 which, despite the persistence of difficulties in connecting, linked to the current situation of the pandemic, has seen EUROLAB protagonist in various initiatives. Among the next appointments there will be, on November 16th, the National Members' Meeting: it will be an opportunity to take stock of the situation, of the activities in progress, and to gather your opinions and suggestions.

Our gaze will then be turned to next year, when we hope to be able to resume activities in-presence, so indispensable for the development of personal relationships that favour the exchange of ideas and experiences that are the basis of fruitful collaborations.

A warm greeting, in the hope of being able to meet you in person soon.

Paolo Moscatti, EUROLAB President



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EUROLAB Highlights

EUROLAB-EURAMET Joint Workshops on Europe's digital measurement evolution

EUROLAB has partnered with EURAMET to support the topic of digital transformation from a measurement science point of view, and to engage with stakeholders in the area. On 23-24 and 29 September 2021, a series of free online sessions was held to promote recent advancements in these fields.

Topics of the sessions included:

- the use of AI and machine learning in calibration labs, science and industry
- examples of digital measuring instruments in industrial applications
- the topic of digital calibration certificates (DCCs), especially on the need for a digital version of a well-established analogue certificate, its fundamental requirements and the basic structure.

All presentations and recordings of the talks are available at the [event page](#).



EUROLAB and NLA-SA present the Test & Measurement 2021 Conference

The Test & Measurement 2021 Conference will take place on 25-26 October, organized by EUROLAB member the National Association of Laboratories (NLA) – South Africa. During the webinar, there will be virtual booths with video conferencing that will allow exhibitors to showcase company details as well as their products, services, collateral, videos etc. and where online meetings can be held face-to-face between exhibitors and delegates.

EUROLAB will be represented by Mr Álvaro Ribeiro, Board Member and Past President, who will give an update on Calibration and Testing in Europe.

More information on the full programme of the conference can be found [here](#), while [here](#) you can register for the event.



National Members News

ALPI

ALPI, the leading Italian association of third-party operators, represents operators performing conformity assessment activities, promoting their economic and social function, protecting their professional interests and working for their cultural and operational growth.

Particularly, ALPI:

- protects the interests of the category in relations with the institutions and the market,
- spreads the culture of quality,
- promotes the qualification of operators

For all these reasons ALPI is to be considered one of the pillars of the Quality infrastructure (QI) sector (together with the National Metrological Institutes, Standardization Body, and National Accreditation Body). ALPI, through its specialist groups, works in support of Quality Infrastructure by publishing technical guides, studies and position papers, promoting conferences, seminars, training courses and maintaining collaborative relationships with its institutional stakeholders at national and European level. ACCREDIA, the Italian National Accreditation Body appointed by the Italian government in compliance with the application of the European Regulation 765/2008, is one of the most relevant partners ALPI is working with, to offer training and refresher classes, giving tangible support to the culture of quality and operational guidance to meet new rules and best practices.

Until recently, TIC - Testing, Inspection, Certification operators and National Accreditation Bodies were perceived as opponents, who necessarily conflicted on specific technical topics or process approaches. Now the added value of a mutual collaboration has been recognised. With more than 30 years of activity, ALPI built a collaborative and constructive relationship with ACCREDIA representing a significant number of Laboratories, Inspection and Certification Bodies.

ALPI is directly involved in supporting Accredia's activities: Mr. Roberto Cusolito, former president of ALPI, chairs the NAB Steering and Guarantee Committee and Mr. Paolo Moscatti, current president of ALPI and EUROLAB, is a member of the Board.

ALPI also provides its expertise in relations with Italian Ministries by participating in meetings and working groups for the definition of technical guidelines



for the regulation of conformity assessment and monitoring activities.

ASCOLAB

ASCOLAB's qualification process for internal auditor of laboratories



In an effort to continuously accompany the DRC's (Democratic Republic of Congo) laboratories on their accreditation processes, ASCOLAB is working with these to design a coaching solution for internal auditors.

This includes the completion of a training on internal auditing based on ISO/CEI 17025:2017 and ISO 19011:2018 and getting to know the procedures, methodologies, and objectives that a high-quality internal audit must meet.

The ASCOLAB experts guide the delegates through the entire process, and teach them exactly how to prepare thoroughly for their new competencies.

The ASCOLAB experts accompany the candidates' in the local laboratories during all the key steps of the audit, and assist in defining the scope, performing risk analysis, formulating non-conformances, establishing the provisional plan, conducting opening and closing meetings, presenting the non-conformances and the efficacy of correctives actions.

ASCOLAB experts check whether they are aligned with the methodology and the auditing standards, and therefore meet all the quality requirements of the profession. The goal is to directly transform the laboratory first engagement into a success that brings that added value in the laboratory that the organization needs.



Based on the online and on-site coaching, the objectives of ASCOLAB are:

- Developing an internal auditor's cognitive abilities such as critical thinking and decision-making;

- Helping competent technical internal auditors improve specific competences such as communication (including interviewing and presenting);
- Addressing cognitive and emotional issues that are hindering the internal auditor's performance;

EUROLAB-CZ



Large-scale facade fire performance testing in PAVUS, a.s.

PAVUS, a.s., member of EUROLAB-CZ, is currently preparing the introduction of a new European procedure for large-scale fire tests of facades. The newly constructed hall in the fire testing facility in Veselí nad Lužnicí includes a multifunctional test chamber, in which, among others, the fire spread tests on the surface of facades will be carried out. The test procedure is based on the forthcoming common European methodology considering two scenarios - medium and large scale. A steel doubled frame of the height of ca 8.5 m with an aerated concrete filling was constructed in the test room for this purpose. The structure thus prepared will serve as the basis for the application of the contact or prefabricated (ventilated) facade system specimen subsequently tested.



Figure 1 - Testing steel frame with prepared combustion chamber

The test frame also includes a combustion chamber. The fire load then consists of a softwood crib in two variations corresponding to the selected scenario, see Figure No. 2. The total test duration is 60 minutes, where the wood crib must be extinguished in 22 minutes for the medium-scale test, resp. in 30 minutes in case of the large-scale test. The progress of the test is recorded for evaluation purposes. The temperature increase at the prescribed levels in both horizontal and vertical directions (max. allowed

temperature rise of 500 K for more than 30 s comparing the initial temperature) as well as the possible falling off of the burning parts shall be monitored.

Based on the behaviour of the sample during the test, the final classification of the system is obtained. The last draft of this EU methodology considers 4 classification classes mentioned in the table below.

Classification	Description
LS1	Large fire exposure test fulfilling fire spread and falling parts during the full test (60 minutes)
LS2	Large fire exposure test fulfilling fire spread but not falling parts during the full test (60 minutes)
LS3	Medium fire exposure test fulfilling fire spread and falling parts during the full test (60 minutes)
LS4	Medium fire exposure test fulfilling fire spread but not falling parts during the full test (60 minutes)

When the official version of the European facade fire performance methodology (test standard) is issued, the test facility will be further supplemented with a system for weighing both fuel (wood) loss and falling parts of the specimen in compliance with latest requirements.

Contact person: Jan Tripes, tripes@pavus.cz, [phone: +420 607 774 395](tel:+420607774395)

Toy flammability testing in the Technical and Test Institute for Constructions Prague, SOE, member of EUROLAB-CZ.

Toys are typically designed and manufactured for children of a particular age. Their properties are adapted to the children's age and developmental stage, and their use assumes certain abilities. Accidents are frequently caused either by giving a toy to a child for whom it is not designed, or by using it for a different purpose than for which it is designed. The (ČSN) EN 71 designated standard series deals with toy safety.

Flammability safety requirements are specified in standard (ČSN) EN 71-2 Flammability. The objective of the standard is to reduce, if possible, dangers that are not obvious to users. It does not deal with obvi-

ous dangers that are quite evident to children or the persons responsible for them.

The toy flammability test is performed using Pyro-stop testing equipment. With this equipment, it is possible to determine the flame propagation velocity in planar materials, i.e., textile fabrics from various materials, and the flame propagation velocity in soft stuffed toys. In the specified cases, the flame propagation velocity on the surface must not exceed 30 mm/s, or the tested sample has to stop burning by itself.

Contact person: Monika Hegedúsová, hegedusova@tzus.cz, phone: +420 603 202 014



Figure 2 – The softwood crib

RELACRE

LNEC has been accepted as Designated Institute for the measurement of liquid flow and flow velocity

Since June this year, RELACRE's associate LNEC has been accepted as Designated Institute for the measurement of liquid flow and flow velocity, being this recognition approved by the Bureau International des Poids et Mesures (BIPM) following the proposal of the Portuguese Institute of Quality.



This recognition reflects the excellence of the measurement activity at LNEC, in its laboratory infrastructure of the Metrological Hydraulics Unit, developed in the 1990s. With this distinction, LNEC is

identified in the CIPM-MRA database (Mutual Recognition Agreement of the International Committee on Weights and Measures) of BIPM which is available at <https://www.bipm.org/en/cipm-mra/participation>, being considered the national reference entity for the measurement of these quantities.

LNEC, as a Designated Institute, ensures the traceability of the quantities referred to by carrying out primary methods with the best accuracy in the Iberian Peninsula, and of an order of magnitude comparable to similar infrastructures found in the most important national primary institutes in the world (namely, in Germany, Canada, Denmark, USA, France, Italy, Netherlands, Japan, UK, Czech Republic, RP China and Russia).



In this way, LNEC makes available to national and international entities that promote the management of water resources and to the industry in general that needs to measure flow, traceability through the calibration of equipment with high quality standards and, simultaneously, makes its knowledge available to contribute to the development, in this field, of research and innovation in Portugal.



2 - TEST&E 2022 || submission of Enlarged Abstracts, until October 25, 2021

Deadline for [submission of Enlarged Abstracts](#) (2 Pages): 25 October 2021

The [3rd Congress of Testing and Experimentation in Civil Engineering](#), with the main theme of Intelligent Technologies, is organized by the NOVA School of Science & Technology (FCT NOVA), the Association of Accredited Laboratories of Portugal (RELACRE) and the Instituto Superior Técnico (IST), and will take place at the Caparica Campus of FCT NOVA, from February 21st to 23rd, 2022.

This third edition of the congress aims to give due importance to Intelligent Technologies (Smart Technologies) in the development of Civil Engineering and its different areas of activity and provide a broad forum for the dissemination and sharing of knowledge and experiences among its participants in areas of research and education, industry and services, and in all areas of civil engineering, emphasizing the most recent works in the field of Smart Technologies, considering the following topics:

1. Instrumentation, data acquisition and transmission systems
2. Big data and advanced data processing systems
3. Artificial intelligence applications
4. Virtual reality and augmented reality
5. 3D modelling and printing
6. Digital twins
7. Automation, sensing and detection technologies
8. New sensors and technologies (photogrammetry, laser scanning, drones, wireless)
9. Remote inspection strategies
10. Inspection, monitoring and automatic damage identification
11. Destructive and non-destructive testing;
12. Modeling (calibration, simulation) and validation of models
13. Biomaterials, nanomaterials and new materials
14. Disaster risk reduction and emergency management.

See more in : [TEST&E 2022](#)

For additional questions, please send an email to teste2022.lisboa@gmail.com

Organizing Committee: Carlos Chastre (FCT NOVA / CERIS); Álvaro Ribeiro (RELACRE / LNEC); José Neves (IST/CERIS) and Diogo Ribeiro (ISEP / CONSTRUCT).



TURKLAB

TURKLAB Technical Seminar
"Increasing Productivity in Laboratories and Molecular Pathogen Detection Technology"



TURKLAB had representatives from a wide range of industries participate in its webinar "Increasing Productivity in Laboratories and Molecular Pathogen Detection Technology" co-hosted by TURKLAB and 3M Food Safety Turkey.

Moderated by Esra Nogal, 3M Food Safety Turkey Sales Manager, the interactive seminar allowed a rigorous exchange of ideas compounded by a question-and-answer session to help answer questions attendees were curious about, particularly regarding pathogen detection technology.

3M™ Moleküler Tespit Sistemi

Tarihçe

2011 3M™ Moleküler Tespit Sistemi Piyasaya Sürüldü

- ✓ Testler dahili bir amplifikasyon kontrolü gerektirmez.
- ✓ Bst polimeraz enzimi, sürekli ve hızlı izotermal amplifikasyon sağlayan DNA zinciri yer değiştirme aktivitesine sahip benzersiz bir enzimdir.

2015 Yeni Nesil 3M™ Moleküler Tespit Testleri piyasaya sürüldü

Basit bir nükleik asit amplifikasyon tekniği ile sağlam, verimli, hassas, spesifik testler.

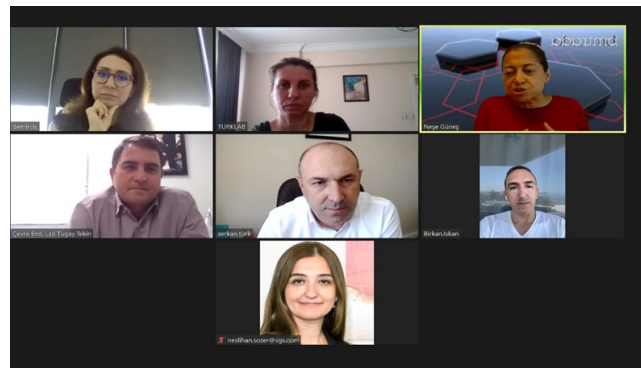
- ✓ 3M nanoteknolojisine dayalı yeni kimyasallar.
- ✓ Daha fazla kontrol için benzersiz renk değişimi.
- ✓ Gelişmiş izotermal teknoloji, eski PCR ve antikor bazlı sistemlerin sınırlamalarının üstesinden gelir.
- ✓ Hızlı ve kolay kurulum için sezgisel kullanıcı arayüzü.
- ✓ Gerçek zamanlı sonuçlar, kritik kararların daha hızlı alınmasına yardımcı olur. Kompakt cihaz her laboratuvara sığar.

TURKLAB Technical Seminar "GCMS Theory, Basic Principles and Application of Flavors"

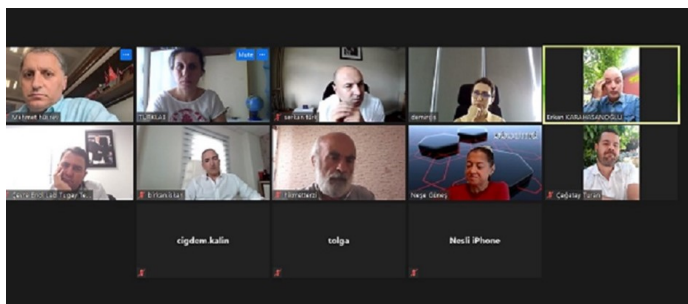
On August 5, 2021, TURKLAB's e-seminar "GCMS Theory, Basic Principles and Application of Flavors" jointly organized by TURKLAB and ANT TEKNİK was held.

Following the opening speech by TURKLAB Board Member Pinar Akalin, Ant Teknik Application Specialist Hacer Özkan held a theoretical presentation covering the definition of GCMS, its basic working principles, parts of the MS unit, GCMS data collection modes, software functions, and advanced technologies.

The R&D Center of ULUDAĞ İÇECEK TÜRK A.Ş. was included in the practical session of the seminar via an online connection. After an introductory speech by Uludağ İçecek R&D Manager Mustafa Çağlar Erkan and his brief on the activities of the R&D Center he runs, a flavor analysis was performed by Ant Teknik Application Specialist Ömer H. Turmuş using the Shimadzu GCMS device installed in the laboratory and important aspects regarding the analysis were highlighted.



A presentation was given by the committee chair and the relevant documents were made available to the members. In order to raise awareness of TURKLAB's members and the industry about European Green Deal, capacity usage and business development from the perspective of conformity assessment services, it was decided to organize awareness training sessions, develop a business plan for the committee and hold a general brief on "Green Deal" for TURKLAB's members. Turkish translation of the "Position Paper on the Circular Economy Action Plan" published by the TIC Council was shared with the members. A schedule was drawn up to kick start activities in October.



Board of Directors Meeting

The TURKLAB Board of Directors meeting, held online on Zoom, took place on July 8, 2021.

The resolutions of the last board meeting were reviewed and topics that were put on the agenda were discussed. General information on committee meetings and activities was provided by the committee chairs.

The highlight of the meeting was the European Green Deal. It was decided to form a committee to follow up on the issue. It was also decided to hold briefings for members and the sector on the Green Deal and for the relevant documents to be shared by the committee.

The meetings of the Ministry of Commerce and the Advisory Board of TÜBİTAK ÜME that were attended were discussed and reviewed in hindsight. Applications for new members were accepted and the meeting was ended.

TURKLAB "European Green Deal (EGD)" Committee was Established for Conformity Assessment Activities.

The first of the TURKLAB European Green Deal (EGD) Committee Meetings was held on August 18, 2021.



TURKLAB Academy

TURKLAB Academy training sessions are both open to public and also exclusively held for private organizations.

Recent training sessions focused on "Water Microbiology Method Validation" - "Food Microbiology Method Validation" - "ISO/IEC 17043:2010 Conformity Assessment - General Requirements for Proficiency Testing" - "ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories" - "ISO 19011:2018 Internal Audit" - Method Validation and Measurement Uncertainty" were held.

TIC Market Trends

Business Developments

- Alfred H Knight has announced its official membership with the International Solid Waste Association (ISWA). [Read more.](#)
- Apave Group has finalized the entry of PAI Partners, a growth partner, in its capital. [Read more.](#)
- APAVE has obtained QUALIOPI certification, a new quality standard for training organisations and providers of skills development activities. [Read more.](#)
- Applus+ has recently carried out the remote inspection of a 500-ton crane for a major oil and gas client in the United Arab Emirates. [Read more.](#)
- Applus+ has joined the Clean Energy Council in Australia. The Council is committed to accelerating the transformation of Australia's energy sector to a smarter and cleaner system. [Read more.](#)
- Applus+ Laboratories and Discover Global Network have developed a test tool for contactless mobile payment applications. [Read more.](#)
- Applus+ has been awarded a new contract to provide engineering consulting services for sustainable roads and transport management in the Kingdom of Saudi Arabia. [Read more.](#)
- Applus+ has strengthened its position in renewable energy testing and inspection solutions by joining the American Clean Power Association. [Read more.](#)
- Applus+ Services has been awarded a 5-year contract for Facility NDT and Inspection in Canada. [Read more.](#)
- Applus+ Services has provided non-destructive testing for an alternative and renewable geothermal energy provider in Hawaii. [Read more.](#)
- Bureau Veritas has published its 2021 half-year results and highlights. [Read more.](#)
- Bureau Veritas has received the Platinum EcoVadis medal, placing Bureau Veritas among the top 1 percent of companies assessed by EcoVadis. [Read more.](#)
- Bureau Veritas has joined the CAC 40 ESG Index, designed to identify the 40 companies that demonstrate the best ESG practices. [Read more.](#)
- Bureau Veritas has received high marks in the "Institutional Investor Europe" study, including "Most Honoured Companies" and "Best IR Team & Best IR Professionals". [Read more.](#)
- Bureau Veritas has been selected among the best companies of its sector on sustainability according to Vigeo-Eiris (V.E). [Read more.](#)
- Bureau Veritas has been selected for inclusion in the FTSE4Good Index series. [Read more.](#)
- Camin Cargo Control has announced the launch of its new website. [Read more.](#)
- Citadel Engineering Company has announced that it will be exhibiting at ADIPEC Exhibition this November. [Read more.](#)
- Control Union has been recognized as an Organism of Evaluation and Certification of the Rainforest Alliance Standard worldwide. [Read more.](#)
- Control Union Certifications Germany has been conditionally approved as VVB for Verra's Verified Carbon Standard (VCS) program. [Read more.](#)
- Control Union Certifications has obtained recognition and approval by Verra to conduct validations and verifications for projects participating in their Plastic Waste Reduction Program (Plastic Program). [Read more.](#)

- Cotecna has announced the upcoming implementation in Gabon of CRMS, an automated risk management system. [Read more.](#)
- Cotecna has recently launched Coview, an Inspection Management Platform in Puerto Quetzal, the most important port in Guatemala for international trade. [Read more.](#)
- Cotecna has announced that Kaixin Certification, part of the Cotecna Group, has been accredited as GWO certification body for wind-turbine training providers. [Read more.](#)
- CWM Testing Inspection & Certification has announced an expansion of its operations in Port Sudan. [Read more.](#)
- DEKRA has announced the next edition of its Commercial Vehicle Outlook Conference. The next conference is scheduled for November 30 and December 1, 2021, which will see it held as a hybrid event for the first time, with attendees able to join in person in Berlin, Germany, as well as online. [Read more.](#)
- DEKRA Automobil GmbH's has been named as Technical Service for cyber security and software updates in the automotive sector by the KBA (German Federal Motor Transport Authority). [Read more.](#)
- DEKRA has been recognized by CharIN as one of the first test laboratories for interoperability certification of charging stations for electric vehicles. [Read more.](#)
- DEKRA has announced a new webinar series on the New Chemicals Strategy for Sustainability, from September 22nd to December 1st. [Read more.](#)
- Element Materials Technology has launched a new air dispersion modelling service aimed at supporting the transition to office working in a 'COVID-safe' manner by assessing ventilation quality. [Read more.](#)
- Element Materials Technology has expanded its UK coatings testing capabilities at its Edinburgh facility with an extension to the UKAS ISO 17025 accreditation scope. [Read more.](#)
- Eurofins Transplant Genomics, a transplant rejection diagnostics company, has announced announce the first national in-network contract for TruGraf, its proprietary gene expression test for subclinical acute rejection. [Read more.](#)
- Eurofins Viracor has launched the Coronavirus (COVID-19) SARS-CoV-2 inSIGHT T Cell Immunity Testing System. [Read more.](#)
- Eurofins has published its H1 2021 financial results. [Read more.](#)
- FORCE Technology has established a new subsidiary to handle sales and international growth in using AeroCollect technology, which, with simple air samples, provides a picture of the diseases in a herd. [Read more.](#)
- FORCE Technology has developed the sensor network that provides input for the digital twin of a new 3D-printed bridge in Amsterdam. This makes it possible to follow the condition of the bridge in real time. [Read more.](#)
- ISQ has participated in relevant projects in the offshore renewable energy sector such as Windfloat Atlantic, located in Viana do Castelo, contributing to the quality control of the construction of 2 platforms. [Read more.](#)
- Intertek has partnered with Meydan Hotels & Hospitality to implement the hotel company's audit protocol for the Prevention of the Spread of Infection, POSI-Check. [Read more.](#)
- Intertek has published its H1 2021 results. [Read more.](#)
- Intertek has announced that it has been accredited by the ANSI National Accreditation Board as an approved certification body for the Global Organic Textile Standard. [Read more.](#)
- Intertek has become an Approved Certification Body for the German Food Quality Scheme VLOG.

[Read more.](#)

- Intertek has opened the Minerals Global Centre of Excellence, a new state-of-the-art laboratory in Perth. [Read more.](#)
- Intertek has earned accreditation for ISO/IEC 27701 , a privacy information systems extension to ISO/IEC 27001. [Read more.](#)
- Liftinstituut has announced the International Elevator & Escalator Symposium (IEES-2021), which will be held on December 6-7 in Amsterdam, The Netherlands. More information and registration are available via the official website. [Read more.](#)
- Kiwa Cermet Italia has successfully achieved designation as a Notified Body by the Italian Ministry of Health and the European Commission for Conformity Assessment activities according to the Medical Devices Regulation 2017/745/EU. [Read more](#)
- Kiwa has signed an agreement with the Dutch EKO quality mark foundation, Stichting EKO-keurmerk. The EKO quality mark is for agricultural entrepreneurs who work according to organic standards for the preservation of the environment, nature and landscape and animal welfare. [Read more.](#)
- Kiwa Netherlands has been granted a licence by the Dutch Centre for Crime Prevention and Safety (Centrum voor Criminaliteitspreventie en Veiligheid, CCV) to review penetration tests in accordance with the CCV certification scheme Cybersecurity Pen Testing. [Read more.](#)
- Kiwa has announced its presence, and a presentation, at Intersolar Europe 2021, from 6-8 October in Munich, Germany. [Read more.](#)
- Kiwa Sweden has partnered with Engineers Without Borders, a non-governmental organisation that works to address challenges linked to the Sustainable Development Goals. The aim is to let employees actively participate in the global work of Engineers Without Borders and volunteer in international projects. As a partner, Kiwa can contribute with testing and technical consultancy, and with inspection services. [Read more.](#)
- [MitraSK](#) Laboratory in Ras Al Khaimah, UAE has undergone the Proficiency Testing drill for dolomite and has come out with good Z scores. [Read more](#)
- QIMA has announced its sponsorship of the 2021 @rethinkhk Sustainable Business Forum & Solutions Expo. This will be held October 5-6 in Hong Kong. [Read more.](#)
- QIMA has published a new White Paper aiming to take a deep-dive into the state of modern slavery, the impact of COVID-19 on forced labor, and how consumer awareness and new legislation are driving a sea change for human rights in supply chains. [Read more.](#)
- QIMA has been recognized as an outstanding technology company at the Hong Kong Technology Excellence Awards 2021 for its QIMAone technology. [Read more.](#)
- RINA and CRRC ZhuZhou Institute Co. have signed a Framework Agreement in Shanghai. RINA will support the development of new projects within the expanding marine business of CRRC, providing services related to quality certification, inspection, training, engineering design, ship equipment, technical consultation, market project cooperation, and noise and vibration reduction technologies. [Read more.](#)
- RINA has published a new "Guide for Certification of Floating Offshore Wind Turbine Installations" providing principles, technical requirements and guidance and addressing these challenges. [Read more.](#)
- RINA has developed a model enabling EU public clients to evaluate the costs and benefits of the use of BIM in the public construction sector. [Read more.](#)
- RINA has been awarded a contract to provide engineering and project management services for a 204 MWp solar farm in Australia, supporting the development of the Edenvale Solar Park in Queensland. [Read more.](#)

- RINA has announced a series of webinars to present the current results of H2020 projects targeting clean energy transition on islands. [Read more.](#)
- RINA has been awarded a contract funded by The World Bank to propose solutions to reduce greenhouse gas emissions in Kazakhstan's food & beverage, transport manufacturing, chemical and metallurgy industries. By performing a series of energy analyses and leveraging RINA's expertise, the aim is to support the Kazakhstan government in achieving its 2060 zero carbon emissions goal. [Read more.](#)
- RINA has announced the start of a new project exploring solutions to enable decarbonisation in Orkney has started. It is called HIMET, and it is one of 55 projects selected as part of the UK Government's Clean Maritime Demonstration Competition. RINA is an official partner of HIMET. [Read more.](#)
- RINA has announced the opening of new offices and laboratories in Leatherhead, UK. [Read more.](#)
- RINA has joined the EU 3project CO2SMOS, aiming to develop breakthrough conversion technologies to transform the carbon emissions generated by bio-based industries into high added-value chemicals. [Read more.](#)
- SGS has opened Peru's first port-based laboratory in Matarani for mineral concentrates and diesel testing, making it Peru's first port-based laboratory for diesel testing, and the first port-based laboratory for the testing of mineral concentrates in all of Latin America. [Read more.](#)
- SGS has announced a new e-customs partnership with Eurotunnel, creating a "UK Landbridge Package" which seeks to provide an easy solution for companies looking to use UK Landbridge. [Read more.](#)
- SGS has been chosen for electrical commissioning project by leading Australian oil and gas company, Santos, for a high voltage/low voltage electrical commissioning project on Varanus Island, Australia. [Read more.](#)
- SGS has opened a new filtration testing laboratory in Suzhou, Jiangsu Province, China. [Read more.](#)
- SGS has qualified for the Grain and Feed Trade Association (Gafra) Sustainability Pledge. [Read more](#)
- SGS has celebrated 80 years of Delivering Renowned Metallurgy to the Global Mining Industry. [Read more](#)
- SGS has started a collaboration with ECCRT for Pharmacy Team GMP Training. [Read More](#)
- SZU has strengthened the official cooperation with aAmerican testing laboratory and certification company UL LLC. 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](#)
- **Sunchine Inspection** has been approved and recognised officially by BOBS to issue CoC for regulated goods shipped to Botswana from worldwide under Standards Import Inspection Regulation (SIIR). [Read more.](#)
- **Sunchine Inspection** has joined GAFTA (The Grain and Feed Trade Association) as an approved superintendent member. [Read more.](#)
- **Türk Loydu** has participated as a full member of the international OCX consortium to carry out studies on 3D plan approval. [Read more.](#)
- TÜV Austria Hellas has been awarded the "Diamond of the Greek economy 2021". [Read more.](#)
- TÜV AUSTRIA has introduced the new "OK Recycled" label to promote environmentally friendly consumption. The objective of the OK Recycled scheme is to encourage environmentally friendly use of plastic materials and provide credibility for environmental claims promoting products in an ecologically informed marketplace. [Read more](#)
- TÜV Rheinland has confirmed Significant Extension of UKCA Certification Services. TÜV Rheinland is now approved for Electromagnetic Compatibility Regulations 2016, Pressure Equipment (Safety) Reg-

ulations 2016, Radio Equipment Regulations 2016, Supply of Machinery (Safety) Regulations 2008 and Toys (Safety) Regulations 2011 and ready to serve its customers. [Read more](#)

- TÜV Rheinland has certified Eurotunnel according to hygiene and infection protection management standard. Eurotunnel was the first transport company to receive the certificate [“Hygiene and Infection Protection Management”](#) from TÜV Rheinland. [Read More](#)
- TÜV Rheinland has announced the Issuance of its First IVDR 2017/746 Certificate under the [EU In Vitro Diagnostic Medical Device Regulation 2017/746](#). It marks the first IVDR CE certificate for Siemens Healthineers that has been issued by TÜV Rheinland under the IVDR regulation (EU) 2017/746. [Read more](#)
- TÜV SÜD has joined the Hydrogen Council, a global CEO-led initiative. [Read more.](#)
- TÜV SÜD has signed a strategic cooperation agreement with Contemporary Amperex Technology Co. Ltd. [Read more.](#)
- TÜV SÜD has carried out a technical due diligence study for the funding of a landmark wind-energy project in North Macedonia. [Read more](#)
- TÜV SÜD has started providing certification of wind turbines for regions impacted by tropical storms.
- TÜV SÜD had developed a computer model to demonstrate suitability for these regions based on the international IEC 61400 standard within the scope of type certification. [Read more](#)
- TÜV SÜD has inaugurated \$100 million regional hub in Singapore and announced strategic partnerships in sustainability and digital trust. The new regional hub, TÜV SÜD @ IBP, reaffirms the company's commitment to partner Singapore in the city-state's next stage of growth. [Read more](#)
- TÜV SÜD has developed AI quality management training which uses a systematic quality management approach to support fast, quality- and market-focused development of AI-based applications. [Read more](#)
- UL has updated its damper marking and application guide for use by code authorities, architects, engineers and other interested parties. [Read more.](#)
- UL has developed new certification document for Canadian Boiler Assemblies. [Read more.](#)
- UL has announced it will deliver technical due diligence and engineering support for 108 MW Chilean solar project. [Read more.](#)
- UL has helped refrigeration manufacturers meet Covid vaccination storage needs with World Health Organisation (WHO) accreditation. [Read more.](#)
- UL has won Ørsted Certification Contract for 1.1 GW German offshore wind projects. [Read more.](#)
- UL and the UK Fire Protection Association have helped developing fire safety with the development of a new laboratory to increase fire resistance testing capacity in the UK. [Read more](#)
- UL has launched new building and fire safety management compliance tools to help empower effective safety monitoring and management across single buildings or whole portfolios. [Read more.](#)
- UL has joined forces with Hyundai to advance second life battery energy storage system safety and performance to help increase the safe, widespread deployment of key renewable, zero-emission energy sources. [Read more.](#)
- Vallis has come into a partnership with CropNuts to launch End to End solutions for all laboratory service needs. [Read more.](#)

Mergers and Acquisition

- Applus+ has announced the acquisition of Enertis from the founder owners. The transaction has been completed, and Enertis is now part of the Energy & Industry division. [Read more.](#)

- **Bureau Veritas** has acquired AET France, reinforcing BV's position in the European consumer goods retail market. [Read more.](#)
- **DEKRA** has acquired part of Swiss Spearhead AG. As of July 30, DEKRA has acquired a minority share in the company. Spearhead serves insurance companies, vehicle fleets, and fleet operators with systems for 100% digital processing of vehicle damages. [Read more.](#)
- **Element Materials Technology** has acquired Arch Sciences Group, a provider of analytical services and laboratory solutions to customers in the pharmaceuticals sector. [Read more.](#)
- **Element Materials Technology** Group has acquired Impact Analytical, further expanding its life sciences footprint in North America. [Read more.](#)
- **Eurofins** has announced that it has successfully completed acquisition of bioskin GmbH, a full-service, dermatology-specific CRO specialising in trials for drugs, medical devices, food supplements and advanced cosmetics. [Read more.](#)
- **Intertek** Caleb Brett has announced the acquisition of the 2 sites of Apras Sicea France located respectively in Port la Nouvelle and Port de Bouc, a specialist in inspections and testing of petroleum, petrochemical & related products. [Read more.](#)
- **Intertek** has announced the acquisition of JLA Brasil Laboratório de Análises de Alimentos S.A. JLA Brazil, an independent provider of Food, Agri and Environmental testing solutions based in Brazil. [Read more.](#)
- **Intertek** has acquired SAI Global Assurance. [Read more.](#)
- **Kiwa** has been acquired by SHV, a family of companies with a strong position in operational activities and selected investment activities. [Read more.](#)
- **SOCOTEC Consulting, Inc.** has completed the acquisition of Forge Engineering, a Naples, Florida-based company specializing in Forensics Engineering, Marine Engineering, Building Sciences Engineering, Geotechnical Engineering, Environmental Engineering, and Construction Materials Testing. [Read more](#)
- **SOCOTEC** has acquired Hanselman Group, expanding its geographical coverage in the Netherlands. [Read more](#)
- **TÜV AUSTRIA** has acquired consulting engineers firm FHK. With the acquisition of consulting engineers firm FHK Ingenieurbüro GmbH by TÜV AUSTRIA, the internationally active group of companies is massively expanding its service portfolio in the field of real estate management. [Read more](#)
- **TÜV SÜD** has acquired the testing division of PROSE Group, expanding its competence in the testing of rolling stock and their components. [Read more.](#)
- **UL** has acquired Method Park, deepening UL's automotive and medical device sector safety and security expertise. [Read more.](#)

Personnel Developments

- Daniel Kast has been appointed by **Alfred H Knight** as Business Development Manager of AHK North America. [Read more.](#)
- Perla Velazquez has been appointed by **Alfred H Knight** as Business Development Manager of AHK Mexico. [Read more.](#)

- **Bureau Veritas** has announced the appointment of Shawn Till, effective September 1st, 2021 as Executive Vice-President of Commodities, Industry and Facilities, North America. [Read more.](#)
- **Control Union** has announced that, starting from January 1st 2022, Johan Maris will be the new CEO of the Royal Peterson Control Union Group, replacing Rene van Rijst. [Read more.](#)
- UL's Jasmin Omerovic has been appointed as the Chair of ExNBG (ATEX Directive Notified Body Group). Mr. Omerovic has been an active contributor to the field of global conformity assessment related to the development and operation of market-relevant conformity assessment schemes since March 2002. [Read more](#)

Accreditation and Standardisation

EA

- EA has held its 48th General Assembly on May 20-21. The related resolutions are [here](#).

IAF

- Mr. Wolfram Hartman of DAKKS has been elected as the WG Food Co-Convener. He replaces Kylie Sheehan of JAS-ANZ who will be assuming the role of MLAC Chair following the 04 November 2021 General Assembly.
- IAF has launched an [updated website](#).
- The [2020 IAF MLA Report](#) and related [Infographic](#) have been posted on the IAF website.
- The results of the ISO Survey 2020 on ISO management system standards certifications have been published and the full results can be downloaded [here](#).

IAF/ILAC

- IAF and ILAC have published a list of their upcoming joint meetings. It is viewable [here](#).

ILAC

- The ILAC-WADA MoU, originally signed in 2007, is scheduled for review and renewal in 2021.

ISO CASCO

- ISO/IEC 17030 – General requirements for third-party marks of conformity has been [published](#).

The laboratory of the future

Laboratory News

- **Breakthrough for tracking RNA with fluorescence:** Researchers at Chalmers University of Technology, Sweden, have succeeded in developing a method to label mRNA molecules, and thereby follow, in real time, their path through cells, using a microscope – without affecting their properties or subsequent activity. The breakthrough could be of great importance in facilitating the development of new RNA-based medicines. [Read more.](#)
- **New report recommends antibody testing within the Covid-19 vaccination programme:** Antibody testing can be used to identify the minority of people who have a sub-optimal response to Covid-19 vaccination, this is estimated to be up to 10 per cent of the population. The UK Department of Health and Social Care (DHSC), upon advice from the Joint Committee on Vaccination and Immunisation (JCVI), recently announced those most vulnerable to Covid-19 could be offered a booster vaccination as early as September 2021. [Read more.](#)



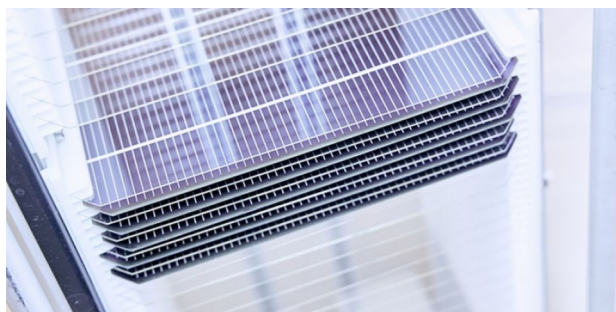
- **Unlocking the value of data in Electronic Lab Notebooks (ELN):** Pharma companies, personnel involved in data standards, and ELN (electronic notebook) vendors are being sought to help with the Semantic Enrichment of ELN Data (SEED) project which uses data standards and semantic enrichment to turn previously unsearchable electronic notebooks into accessible data inputs. Following Phase 1 of the project, which developed new standard assay ontologies for ADME, PD and drug safety, fundraising has commenced for a second phase which will gather assay relationships and annotations for use by ELN vendors. [Read more.](#)
- **Demystifying plant biostimulants for selection based on crop growing goals:** Plant biostimulants have now been categorised by into eight classes based on their modes of action. A newly

published review, which includes summaries of product composition, mechanisms, efficacy, and application considerations, aims to assist farmers and plant growers in making more knowledgeable selections based on crop growing goals.

- **Imaging technique could become treatment for deep vein thrombosis:** Engineering researchers who set out to develop technology capable of localising and imaging blood clots in deep veins have discovered their work may not only identify blood clots, but it may also be able to treat them. While investigating a new particle approach called nanopeptisomes (NPeps) to assist with ultrasound imaging, the team believe they can also break down deadly pulmonary embolisms (DVTs). [Read more.](#)
- **New shape-changing materials brings soft robotics to life:** Imagine opening up a book of nature photos only to see a kaleidoscope of graceful butterflies flutter out from the page. Such fanciful storybooks might soon be possible thanks to the work of a team of designers and engineers at CU Boulder's ATLAS Institute. The group is drawing from new advancements in the field of soft robotics to develop shape-changing objects that are paper-thin, fast-moving and almost completely silent. [Read more.](#)
- **Decades of research brings quantum dots to brink of widespread use:** A new article in Science magazine gives an overview of almost three decades of research into colloidal quantum dots, assesses the technological progress for these nanometer-sized specs of semiconductor matter, and weighs the remaining challenges on the path to widespread commercialisation for this promising technology with applications in everything from TVs to highly efficient sunlight collectors. [Read more](#)
- **Scientists get second opinion from AI on tell-tale heart:** The single biggest global cause of death is heart disease. Changes in the electrical signals associated with the heartbeat can provide doctors with an early warning for potentially lethal conditions, but any single person assessing these signals is fallible and could miss something vital. This could be about to change, however, thanks to Israeli scientists who are looking to get a second opinion – from Artificial Intelligence. [Read more.](#)
- **Groundbreaking technique may lead to discovery of 'fifth force':** A group of researchers have used a groundbreaking new technique to reveal previously unrecognised properties of technologically crucial silicon crystals and uncovered new information about an important

subatomic particle and a long-theorised fifth force of nature. [Read more.](#)

- **Nanocluster Discovery Will Protect Precious Metals:** A new type of catalyst that will lead to new, sustainable ways of making and using molecules. [Read more.](#)
- **Combining Perovskite with Silicon, Solar Cells Convert More Energy from Sun:** Tandem solar cells with world-record efficiency of 29.52 percent could help rapidly scale up solar energy. [Read more.](#)
- **Trans-Scale Scope Shows Big Picture of Tiny Targets:** Researchers use a 120-megapixel camera to simultaneously image over a million cells in a single microscope field of view. [Read more.](#)
- **GaN-on-Diamond Semiconductor Material That Can Take the Heat:** Researchers direct bond gallium nitride and diamond, paving the way for the next generation of semiconductors. [Read more.](#)



- **Bacteria May Hold Key for Energy Storage, Biofuels:** Researchers are working toward engineering a new bacteria that can make organic molecules, such as biofuels. [Read more.](#)
- **Highly Conductive and Elastic Nanomembrane for Skin Electronics:** A float assembly method enables the fabrication of highly conductive, stretchable, and ultrathin nanomembranes. [Read more.](#)
- **Clearest Picture Yet of Electronic Particles in a Mysterious Magnetic State:** An unexpected finding by scientists could advance quantum computers and high-temperature superconductors. [Read more.](#)
- **Compact System Designed for High-Precision, Robot-Based Surface Measurements:** System poised to enable real-time, in-line 3D inspection and boost efficiency of high-tech manufacturing. [Read more.](#)
- **Creating Order by Mechanical Deformation in Dense Active Matter:** Researchers at Göttingen University use computer simulation to investigate models of living systems. [Read more.](#)
- **Researchers Use Bacteria to Improve Power Efficiency in Fuel Cells:** When the bacteria grow as films on electrodes, some of the electrons can be captured, forming a microbial fuel cell. [Read](#)

[more.](#)

- **New Technique Boosts Cryo-Electron Microscopy Clarity, Safety:** Researchers demonstrate that cryo-EM samples can be prepared with a safer and less expensive coolant. [Read more.](#)
- **Hertfordshire Science Partnership boosts life science and agri-tech sectors:** The Hertfordshire Science Partnership (HSP) is a multifaceted, ambitious initiative designed to boost research and development in the life science and agri-tech sectors in Hertfordshire and its surroundings. Led by the University of Hertfordshire, with generous sponsorship from the Hertfordshire Local Enterprise Partnership (LEP) and European Regional Development Fund (ERDF), the programme focuses on forging long-term, productive collaborations between science and industry. [Read more.](#)
- **How are Robotic Solutions helping in Medical Treatments?** French company Robocath, a provider of robotic solutions for treatment of cardiovascular diseases and Rennes University Hospital, have launched a co-development research program using robotics to improve treatment for stroke victims. [Read more.](#)



How is Genetic Therapy Advancing? Genetic therapy, an experimental technique that involves altering genes to prevent and treat diseases, is continually advancing. New innovations are empowering scientists, researchers and doctors with the scope to address a wide range of diseases, including cancer, diabetes and AIDS. Below, we spotlight some of the most recent advances in genetic therapy and the implications for modern healthcare. [Read more.](#)

How is AI Used in Labs? From diagnostics to financial analytics, artificial intelligence (AI) is reimagining laboratory operations. Advances like quantum computing have not only improved efficiency and accuracy across the board but have also vastly increased the capabilities of laboratories. Below, we explore how AI is used in laboratories and the role it's playing in advanc-

ing modern science. [Read more.](#)

- **Six Sigma – Does It Make Sense in Risk Management?** This article examines if sigma values are the best metric (or even an acceptable metric) to manage RISK in laboratories. Can sigma metrics be converted to risk, defined as “the combination of the probability and severity of harm?” [Read more.](#)
- **Quantum Electronics – Revealing Potential Capability:** During July, scientists at the US Department of Energy’s SLAC National Accelerator Laboratory advanced our understanding of next-generation computing technologies, after developing a way to look inside a tiny quantum electronic device. [Read more.](#)



Laboratory Events

- CROLAB (Laboratoria Croatica), the association of Croatian laboratories is inviting all those who are interested to the 16th INTERNATIONAL CONFERENCE “LABORATORY COMPETENCE – Brijuni 2021”, which will be held on Brijuni Archipelago, Istria from 13 to 16 October 2021. The Conference is dedicated to the role of laboratories in economy. CROLAB’s desire is to establish cooperation and contacts between CROLAB laboratories and with administration bodies, governmental bodies of neighbouring and other countries – both members and future members of the EU. [Read more.](#)
- NLA-SA has announced the **Test & Measurement 2021 Conference Programme**, currently scheduled for 25-26 October 2021. The keynote speakers will include: Robert Wielgosz, BIPM – Director of the Chemistry Department; Alvaro



Ribeiro, Past President - Eurolab; Steve Sidney, Executive Director of NLA-SA; Archana Arakkal. The presentation will be entirely virtual, and will be focused on Building bridges to improve measurement accuracy in climate change, food safety and laboratory medicine, exploring the current prospects of the metrology field in Europe and beyond, and discussing the value that the recent AI technologies can bring to the table. Registration for the Conference is accessible by clicking on [this link.](#)

- At **Lab Innovations**, the UK’s largest trade exhibition for the laboratory industry, professionals, scientists, researchers and more will come together and do business for the first time in 2021. On **November 3-4 2021, at the NEC, Birmingham**, the show will open its doors to a visitors and exhibitors. [Read more.](#)
- The **ARABLAB+** event, originally scheduled for September 2020, will take place instead in Dubai on **15-17 November 2021**. The event will bring together more than 1,000 laboratories, who will have the chance to showcase their work and innovations to 10,000+ visitors and meet buyers from 100+ countries. [Read more.](#)
- The **ACHEMA 2022 live event** will be held on **4-8 April 2022 in Frankfurt**. With manufacturers and service providers from over 50 countries presenting their products for chemical, pharmaceutical and biotech research and manufacturing as well as energy and environmental services **ACHEMA** is one of the main events for the international process industries and their suppliers. [Read more.](#)
- The **Paperless Lab Academy 2022** will take place on **26 – 27th April 2022** at Lake Maggiore in Italy. [Read more.](#)
- **EUROLAB** will be a co-organizer of two hybrid conferences in 2022 jointly with **IMEKO**, the International Measurement Confederation. **IMEKO TC11 Measurement for Testing, Inspection and Certification, 2022 Conference**, to be held in **Dubrovnik, Croatia, 17 – 19 October 2022**, with the title “Measurement for a better life”; **IMEKO TC 23 Metrology in Foods and Nutrition, 2022 Conference**, to be held in **Dubrovnik, Croatia, 7 – 9 November 2022**, with the title “Food on a global market – opportunities or threats”. All experts interested in presenting at the above-mentioned conferences should contact Mr. Mladen Jakovcic at “mladen.jakovcic@gmail.com”.

Policy News

Chemicals

- **Chemicals:** The European Commission has [opened](#) a public consultation on policy options to reform the legislation on classification, labelling and packaging of substances and mixtures, open until 15 November 2021.
- **Online database:** The European Chemicals Agency has launched a new [online database called 'SCIP'](#), which is short for 'Substances of Concern In articles as such or in complex objects (Products)'

Circular economy

- **Circular economy:** the European Circular Economy Stakeholder Platform Coordination [Group](#) published its [2021 Work Plan](#). It will focus on 8 identified key areas: retailers, consumer, and skills; cities and regions; circular procurement; food waste, food systems and bioeconomy; construction and infrastructure; textiles; network governance and circular economy hubs; economic incentives.
- **ETS:** in the context of the [Fit for 55 package](#), the European Commission proposed a [revision](#) to the EU Emission Trading System directive.
- **New European Bauhaus:** The European Commission adopted this week a [Communication](#) setting out the concept of the New European Bauhaus which aims at accelerating the transformation of various economic sectors such as construction and textiles in order to provide access to all citizens to goods that are circular and less carbon intensive.

Counterfeit products and product safety/compliance

- **GPSD:** the Commission proposed a revision of the General Product Safety Directive (GPSD) to enhance consumer rights welcoming the revision. in a world reshaped by digitalization, environmental issues and the COVID-19 pandemic. It aims to reinforce safety for EU consumers, for example, by making sure that dangerous products are recalled from the market or addressing risks related to new technology products. The proposal will be published soon. The European Parliament's Internal Market and Consumer Protection Committee issued a press release welcoming the revision.
- **Lifts:** ANEC published a [position paper](#) titled "Accessibility of lifts: how the European standard prEN 81-70:2020 can meet the legal requirements? Open technical issues".
- **TIC Council Regulation on Machinery Products:** TIC Council published a [Position paper](#) expressing strong support for establishing that high-risk machinery should only be subject to third-party certification. Moreover, TIC Council also welcomes the alignment of the Machinery legislation with the New Legislative Framework (NLF); TIC Council fully agrees with the proposal that the Machinery Regulation should be coherent with the Cybersecurity Act (CSA), as well as the upcoming artificial intelligence (AI) rules and the Radio Equipment Directive.
- **Machinery Regulation:** [CEN-CENELEC published a response](#) to the European Commission's Public Consultation on the draft Machinery Regulation.
- **Machinery products:** ANEC has published a [position paper](#) titled "Proposal for a Regulation of the European Parliament and of the Council on Machinery Products: Key issues from a consumer perspective".
- **Standardisation:** [BusinessEurope](#), [ANEC](#) and [DigitalEurope](#) published their position papers on the European Commission's [Standardisation Strategy Roadmap](#).

Cybersecurity and digitalization

- **Artificial Intelligence:** a report, requested by the European Parliament's Artificial Intelligence in the Digital Age Committee, entitled "Artificial Intelligence diplomacy. Artificial Intelligence governance as a new European Union external policy tool", has been [published](#).
- **Artificial Intelligence:** the European Commission published a new [report](#) titled "National Strategies on Artificial Intelligence: A European Perspective" that takes stock of national strategies on Artificial Intelligence and provides suggestions for future developments.
- **Digital sovereignty:** The European Commission has kick-started [two new Industrial Alliances](#): the Alliance for Processors and Semiconductor technologies, and the European Alliance for Industrial Data, Edge and Cloud.
- **Artificial intelligence:** The European Parliament's Special Committee on Artificial Intelligence in a Digital Age has published a [Briefing on the data challenge for the European Union](#).
- **Artificial Intelligence Act:** ANEC has published its [position](#) on the European Commission proposal for an Artificial Intelligence Act.
- **Artificial intelligence:** The CEN-CENELEC Focus Group on AI has published its official [Road Map analysis](#) for an overall framework for European AI standardization.
- **Internet of Things:** a [report](#) released by DigitalEurope on 8 September [underlined](#) the lack of baseline cybersecurity requirements.
- **AI:** On 26 July, the Center for Data Innovation published a [report](#) stating that the Artificial Intelligence Act could cost the EU 31 billion euros over the next five years and reduce AI investments by almost 20%. According to the report, "a European SME that deploys a high-risk AI system will incur compliance costs of up to €400,000 which would cause profits to decline by 40 per cent."
- **European Cyber Defence Policy:** the Commission's President [announced](#) a Cyber Resilience Act aimed at setting common cybersecurity standards for connected devices and making Europe fit for the digital age

Environment

- **European Green Deal:** the CEPS Industrial Policy Task Force prepared a [report](#) in the framework of the EU Green Deal, presenting 12 recommendations that would accelerate industrial transformation in the EU and its member states.
- **Fit for 55:** the European Commission published a set of legislative proposals called "[Fit for 55 Package](#)". These are part of the EU Green Deal and focus mostly on energy legislation. They aim at reducing greenhouse gas emissions by 40% by 2030 and by 60% by 2050 in comparison to 1990.
- **Low-carbon technologies:** The [European Union is investing](#) €118 million into 32 small innovative projects located in 14 EU Member States, Iceland and Norway. The grants will support projects aiming to bring low-carbon technologies to the market in energy intensive industries, hydrogen, energy storage and renewable energy.
- **Climate-proofing of infrastructure projects:** The [European Commission](#) has published [new technical guidance on climate-proofing of infrastructure projects](#) for the period 2021-2027.
- **Fit for 55:** Orgalim has published its [statement](#) regarding the Fit for 55 package.
- **Climate change:** the Intergovernmental Panel on Climate Change (IPCC) [published](#) a report on the changes of Earth's climate caused by anthropic GHG emissions.
- **EU energy labels for lighting products:** To help EU consumers cut their energy bills and carbon foot-

print, a brand new version of the widely-recognised [EU energy label](#) for light bulbs and other lighting products will be applicable in all shops and online retail outlets from Wednesday, 1 September 2021.

- **Energy Performance of Buildings Directive (EPBD):** Orgalim published an article about [Flexible buildings: key enablers of the new energy system](#).
- **Carbon dioxide certification scheme:** The Commission [confirmed](#) that it would come forward with a proposal on “the sustainable management of carbon cycle”, the first step towards an EU-wide certification scheme for negative emissions coming from agriculture, forestry and other sources during 2022.
- **Global Methane Pledge:** The European Union and the United States announced the [Global Methane Pledge](#), an initiative to reduce global methane emissions to be launched at the UN Climate Change Conference (COP 26) in November in Glasgow.
- **Energy Transition:** At the UN High-Level Dialogue on Energy this week in New York, Executive Vice-President for the European Green Deal, Frans Timmermans and European Commissioner for Energy, Kadri Simson presented [three Energy Compacts](#), in partnership with the International Energy Agency and the International Renewable Energy Agency.

Food

- **Farm to Fork Strategy:** 65 companies and associations signed the [EU Code of Conduct](#) on Responsible Food Business and Marketing Practices. The [code](#) is an essential part of the EU’s efforts to increase the availability and affordability of healthy and sustainable food options that help reduce our overall environmental footprint. It will set out the actions that the actors ‘between the farm and the fork’, such as food processors, food service operators and retailers, can voluntarily commit to undertake to tangibly improve and communicate their sustainability performance. More information can be found in the European Commission’s [Questions and Answers](#).
- **Food fraud:** the European Commission [published](#) the 2020 annual report of the EU Agri-Food Fraud Network (EU FFN) and the Administrative Assistance and Cooperation System for Food Fraud (AAC-FF).
- **Sustainability:** ANEC, the European Association for the Co-Ordination of Consumer Representation in Standardisation, and BEUC, the European Consumer Organisation, published a [position paper](#) on “Making More Sustainable Products the New Normal”.

Medical devices and health

- **Medical devices:** the public consultation on the draft Implementing Regulation on European Database on Medical Devices closed. The public consultation received 14 comments accessible [here](#). The Commission is expected to adopt the act in the third quarter of 2021.
- **Health and safety at work:** the European Commission adopted the EU strategic [framework](#) on health and safety at work 2021-2027. It sets out key [actions](#) needed to improve workers’ health and safety over the coming years.
- **European Health Data Space:** BEUC has published its [comments](#) to the public consultation for a legislative proposal on a European Health Data Space.
- **EU Health Union:** a €50 billion investment to strengthen the European health union was [announced](#), in efforts to concrete the EU as a world leader on health.
- **HERA:** The European Commission [launches](#) the European health Emergency preparedness and Response Authority ([HERA](#)) to prevent, detect, and rapidly respond to health emergencies. HERA will anticipate threats and potential health crises, through intelligence gathering and building the necessary response capacities.
- **SARS-CoV-2:** The European Commission adopted a [Decision](#) establishing a [group](#) of experts on SARS-

CoV-2 variants that will apply until 24 June 2022. The Decision establishes a group of experts dedicated to identifying SARS-CoV-2 variants and issue recommendations on possible actions to contain their spread as part of the HERA Incubator initiative.

- **Joint COVID-19 Taskforce:** The United States–European Commission made a [joint statement](#) on the launch of the joint COVID-19 Manufacturing and Supply Chain Taskforce.

Trade

- **EU and world trade:** European Parliament posted the [EU's position in world trade](#) in figures (infographic). EU exports declined less than imports and consequently the trade balance increased from €192 billion in 2019 to €217 billion in 2020.
- **EU-U.S.:** DigitalEurope has published a [policy paper](#) encompassing ten priorities for the EU-US Trade and technology Council.
- **U.S. biodiesel:** The European Union will retain its [tariffs](#) on U.S. biodiesel for a further five years after concluding that removing them would likely lead to a surge of imports at artificially low prices.
- **Trade policy:** EU's [defence measures against unfair trade practices](#) remained effective in 2020. The system for protecting EU businesses from dumped and subsidised imports continued to function well in 2020 thanks to the EU's robust and innovative ways of using trade defence instruments (TDI).
- **Brexit:** UK government decided to [extend](#) from 1 October the grace periods covering post-Brexit trade from Great Britain to Northern Ireland, in order to [limit](#) additional costs and red tape.
- **EU-China:** The European Parliament held a [debate](#) about a new EU strategy on China. Members of the Parliament declared that the EU should continue talking to China about global challenges like climate change and health crises, while raising its concerns over systemic human rights violations.
- **EU export control:** On 9 September, the EU [strengthened](#) its ability to respond to new security risks and emerging technologies. The new Export Control Regulation is tightening controls on trade in dual-use items while enhancing the EU's capacity to protect human rights and support secure supply chains for strategic items.

International Events

13-16 October 2021: [16th International Conference “Laboratory Competence” 2021](#)—Brijuni, Croatia

25-26 October 2021: [Test & Measurement 2021 Conference](#)

25-29 October 2021: [EU Sustainable Energy Week \(EUSEW\) 2021 Sustainability Week: Countdown to COP26](#)

27-28 October 2021: [ICPHSO 2021 International Virtual Symposium](#)

27-29 October 2021: [Thailand LAB INTERNATIONAL 2021 & FutureCHEM INTERNATIONAL 2021](#)

1-12 November 2021: [2021 United Nations Climate Change Conference](#)—Glasgow, UK

3-4 November 2021: [Lab Innovations Trade Exhibition](#)—Birmingham, UK

14-17 November 2021: [ARABLAB+](#) - Dubai, UAE

1-2 December 2021 [CEPS Cybersecurity Summit 2021](#)

3-4 February 2022: [DIGITALEUROPE's flagship summit “Masters of Digital”](#)

4-8 April 2022: [ACHEMA Live Event](#) — Frankfurt, Germany

26 – 27th April 2022: [Paperless Lab Academy](#) - Lake Maggiore, Italy.

23-24 June 2022: [EU Safety 2022](#)—Vienna, Austria

17-19 October 2022: IMEKO TC11 Measurement for Testing, Inspection and Certification 2022 Conference

7-9 November 2022: IMEKO TC23 Metrology in Foods and Nutrition 2022 Conference

EUROLAB Events

15 November 2021: EUROLAB TCQA Meeting

16 November 2021: EUROLAB Board Meeting

16 November 2021: EUROLAB National Members' Meeting 2021

1-2 June 2022—TIC Summit