



Bioplastics, SUP directive, and recycling, new intelligent and sustainable materials for debate at the II edition of the European Congress of Plastic Engineering

ChemPlastExpo 2019 will gather from May 7 to 9 in Madrid more than 8,000 industry professionals in the second edition of the Great Industrial Week of Madrid interested in the Circular Economy

Outstanding experts and professionals from the most relevant companies, organizations, and platforms in the world of plastics will share their vision, solutions, success stories, applications, and innovations and roadmap for the challenges facing plastics today

Madrid, March 27, 2019.- The development of new more intelligent and sustainable materials such as thermoplastics, biodegradable and compostable plastics, adaptation to industry 4.0, compliance with sustainable development objectives (ODS), the strengthening of the circular economy, the innovative solutions of mechanical and chemical recycling and the reduction of the environmental impact are some of the challenges and objectives in which all the agents of the plastics industry are currently immersed. **The European Congress of Plastic Engineering, which will be held within the framework of ChemPlastExpo from May 7 to 9 in Madrid (IFEMA), will address these and many other issues through the participation of experts and industry professionals.**

More than 200 exhibiting companies will present their most innovative solutions, equipment and industrial machinery, which together with the technology transfer that will take place over three days, will turn the European Congress of Plastic Engineering into the reference event in Spain to discover the trends, technologies and materials that will revolutionize manufacturing methods, new industrial regulations as well as new business models for the sector.

The congress will be divided into three main themes: Industry 4.0, highlighting robotics, 3D printing, Big Data & Data Analytics, cybersecurity, and IoT; the analysis of the market, increasingly dynamic, competitive and strongly regulated by legislative initiatives and finally, the establishment of a road map towards the future with sustainability and the circular economy as major players in change.

In addition, the II edition of the European Congress of Plastic Engineering will have unique content and high strategic value for all industries present in the transformation of plastic: food, packaging and packaging, aeronautics, automotive, agrochemical, cosmetics, pharmaceutical, electronics, and construction, among others.



"In this Congress we will have a broad representation of industry agents and experts in the new environment facing the industry, knowledge, initiatives, and experiences will be exchanged, which will allow companies to gain competitiveness, update themselves on the main initiatives and platforms European companies, know success stories and reduce environmental impact through measures such as the use of new materials, the automation of industrial processes, the improvement of the efficiency of the resources of the entire value chain, new packaging solutions, the waste management or new manufacturing methods" says **Ángela López Berrocal**, **program director of the Congress.**

Sustainable production, technological advances, and regulatory challenges

The II edition of the European Congress of Engineering of the Plastic one will tackle within his program one of the fields with greater projection of future in the industry, the present paper and the evolution of the new materials. The inaugural session on Monday, May 7, "**Intelligent, innovative and sustainable plastic materials are already here**", will analyze the new developments that are revolutionizing the use and possibilities of plastics as we know them today and also the most efficient alternatives for reconvert these materials once used. The experts will explain how these new materials and their superior properties such as resistance to high temperatures, high rigidity or lightness adapt to the environment and open an immense field of possibilities in the industries of food, automotive, electronics. On these applications will speak in presentations dedicated to the trends in 3D printing, the new packaging for consumption or the revolution of plastic in construction.

Likewise, new technologies have facilitated new opportunities to improve processes facilitated by digitalization and interconnectivity that provide the industry with greater flexibility and efficiency. However, 25% of the industry is foreign to the phenomenon of Industry 4.0 and another 37% only applies specific solutions according to the Industry 4.0 Diagnosis, made by AIN. In II edition of the European Congress of Plastic Engineering will study how the enabling technologies of innovation and digitalization mark a competitive advantage in the transformation processes both for the industry in general and for specific sectors such as energy and transport. It will also analyze the role of automation and the rise of robotics for the automotive industry.

The sector also continues taking giant steps towards the circular economy and the second day will analyze this evolution in two large sessions, "**Plastics in the framework of the Circular Economy. Roadmap of plastics and SUP Directive**" and "**Towards the Circularity of Plastics. Voluntary agreements and vertical platforms of the value chain**". In them, the protagonists will update the situation of plastics for manufacturers, transformers and all sectors users and customers who affect the many decisions that are being adopted. With the voluntary agreement "Plastics 2030" already on the horizon, the day dedicated to the Circular Economy will aim to present the ambitious commitment of the European plastics industry. In addition, other issues related to these commitments and voluntary agreements will be addressed such as waste management, chemical recycling and the use of alternative raw materials, industry initiatives and their activities aimed at preventing the leakage of plastics into the environment, involving increasingly to the entire value chain, including the transport and logistics sectors, not forgetting the success stories of Circular Economy that exemplify how the plastics industry and its customers are able to give a second or third life to products or by-products



Finally, on the third day, the advances in the plastic will return to be the big protagonists with the inaugural session, "**The new plastic: Biodegradable and Compostable Plastics**". During this day attendees will have the opportunity to learn about new biodegradable and compostable plastics, the latest innovations in the world of plastics and discover success stories of innovative plastic materials to address social challenges.

In its particular presentation by different industrial regions, ChemPlast organizes the meeting: "**The Future of the Transformation of Plastic**" in Barcelona on Friday, April 5. A day dedicated to discussing the future of this sector to address issues such as sustainability or the circular economy as axes of change in this industry and user industries.

The complete agenda of the 2nd edition of the European Congress of Plastic Engineering here: <https://www.chemplastexpo.com/congreso/plastic-congress/contents-congreso-europeo-de-ingenieria-del-plastico/>