



PRESS RELEASE

Bio-On S.p.A.

Industrial project for the first production of PHAs biopolymer licensed by Bio-on S.p.A. presented to the Cristal Union general assembly in France

Bologna, 15 March 2016 –Bio-on announces its participation at the **Cristal Union** general assembly held on **8th March 2016** in **Reims, France**. Major French cooperative **Cristal Union**, a leading sugar beet producer in France and throughout Europe, presented its economic results and future expansion strategies at both **European** and **global** level. Great significance was placed on technological innovation, with the presentation of plans to produce **PHAs** biopolymers through the license granted by **Bio-on** in July 2015. A film was shown describing the challenge ahead and the innovation launched by the production of this important new biopolymer. **Bio-on** was represented by Chairman and managing director **Marco Astorri**, Vice-Chairman **Guy Cicognani** and CEO **Vittorio Folla**. **Cristal Union** deputy CEO **Xavier Astolfi** and CEO **Alain Commissaire** illustrated the development of the industrial project launched in the second half of 2015 and set to be up and running over the coming months to the delegation of 400 shareholders representing over **11 thousand farmers**. The project, curated by **Bio-on technicians** and **researchers**, requires a **70 million Euro** investment to build the plant on a **Cristal Union** site, which will represent the most advanced PHAs biopolymers production site in the world. The new factory will create over **50 new jobs** specialised in fermentation to produce this revolutionary bioplastic.

Link to the Cristal Union Bio-on video presented on 8 March 2016:

<https://plus.google.com/u/0/101363999605241968757/posts/Jt586vk3jza?pid=6261696065618190850&oid=101363999605241968757>

Link to press release of 11 March 2016, Cristal Union:

<http://www.cristal-union.fr/wp-content/uploads/2016/03/Communiqué-post-AG>



Left side: Marco Astorri, Vittorio Folla, Xavier Astolfi, Guy Cicognani.

BIO-ON S.p.A.

Bio-On S.p.A., an Italian Intellectual Property Company (IPC), operates in the bioplastic sector conducting applied research and development of modern bio-fermentation technologies in the field of eco-sustainable and completely naturally biodegradable materials. In particular, Bio-On develops industrial applications through the creation of product characterisations, components and plastic items. Since February 2015, Bio-On S.p.A. has also been operating in the development of natural and sustainable chemicals for the future. Bio-On has developed an exclusive process for the production of a family of polymers called PHAs (polyhydroxyalkanoates) from agricultural waste (including molasses and sugar cane and sugar beet syrups). The bioplastic produced in this way is able to replace the main families of traditional plastics (PE, PP, PC, etc.) in terms of performance, thermo-mechanical properties and versatility. The Issuer's PHA is a bioplastic that can be classified as 100% natural and completely biodegradable: this has been certified by Vincotte and by USDA (United States Department of Agriculture). The Issuer's strategy envisages the marketing of licenses for PHAs production and related ancillary services, the development of R&D (also through new collaborations with universities, research centres and industrial partners), as well as the realisation of industrial plants designed by Bio-On.

General info:

www.bio-on.it