

## PRESS RELEASE

Bio-on S.p.A.

### THE INNOVATIVE BIO-ON MATERIAL MINERV-PHA HAS BEEN ACCEPTED INTO THE MATERIAL CONNEXION LIBRARY

**Bologna, July 26<sup>th</sup> 2016** – From today the cutting-edge bio-plastic Minerv-PHA developed by **Bio-on** is available in the prestigious database "**Materials Library**" of **Material ConneXion**, the world's largest resource for innovative and sustainable materials and processes.

This resource, both as a physical samples library and an online searchable database, with thousands of references, aims to collect only the most interesting materials from the point of view of innovation, technical characteristics and possible application.

Minerv-PHA is 100% biodegradable in nature and is obtained from agriculture and agro-industrial wastes, feedstock not in competition with food chain. Minerv-PHA is an high performance biopolymer and, thanks to its versatility and thermo-mechanical properties, is able to substitute traditional plastics; the bio-plastic has been already tested in dozens of applications addressing different sectors such as automotive, design, food, toys and biomedical.

The bio-plastic Minerv-PHA, after being carefully assessed in 2015 by an international and interdisciplinary jury, received the "**Certificate of Material Excellence**" and was included in a virtual library and exhibited in New York, at the general headquarters of Material ConneXion (<https://www.materialconnexion.com/database/733201.html>).

Starting from 2016 Minerv-PHA will be available through representative samples of the product at Material ConneXion's New York headquarters, and also at the other physical libraries of Material ConneXion in Bangkok, Bilbao, Daegu, Milan, Skövde and Tokyo.

"It is an important goal for Bio-on – said Marco Astorri, President of Bio-on – " and for those who are interested in using the materials of the future: companies, designers, architects, students, from now, thanks to Material ConneXion, will be facilitated in knowing Minerv-PHA. Our company has recently granted three industrial licensees for the production of PHAs in Italy, France and South America with plants that will produce globally 20k tons per year of bio-plastic. In these months we are working to increase this production capacity so to answer at the worldwide increasing demand for this interesting biopolymer".

#### About Material ConneXion

Material ConneXion ([materialconnexion.com](http://materialconnexion.com)), a SANDOW company, is a global materials and innovation consultancy that helps clients create the products and services of tomorrow through smart materials and design thinking. Material ConneXion is the trusted advisor to Fortune 500 companies, as well as forward-thinking agencies and government entities seeking a creative, competitive or sustainable edge. With locations in Bangkok, Bilbao, Daegu, Milan, New York, Skövde and Tokyo, Material ConneXion's international network of specialists provides a global, cross-industry perspective on materials, design, new product development, sustainability and innovation. Material ConneXion maintains the world's largest subscription-based materials library with thousands of innovative materials and processes—an indispensable asset to a wide audience of users. The consulting division, ThinkLAB, works with clients to strategically incorporate trends, service and innovation into their business models and products, while sister company Culture +

Commerce represents the world's leading designers, including Philippe Starck, Kravitz Design and Paola Navone, in licensing their groundbreaking new products and projects.

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**About Bio-on**

Bio-On S.p.A., an Italian Intellectual Property Company (IPC), operates in the bio-plastic 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 bio-plastic produced in this way is able to replace the main families of traditional plastics in terms of performance, thermo-mechanical properties and versatility.

Bio-On PHA is a bio-plastic that can be classified as 100% natural and completely biodegradable: this has been certified in Europe by Vincotte and in the US 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.

The alphanumeric codes for ordinary shares "ON" IT0005056236, for ordinary shares "ON" with bonus share IT0005056228 and for warrants "WARRANT Bio-On 2014-2017" IT0005056210. The minimum unit of trading envisaged by the Italian Stock Exchange is 250 shares.

Company Nomad is EnVent S.p.A.. Banca Finnat Euramerica S.p.A. acts as company specialist.

*For further information:*

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