

Press release  
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## EUROPEAN SSUCHY PROJECT PARTNERS MEETING - UPDATE AFTER 2 YEARS OF WORK

September 19 and 20, 2019  
Linificio e Canapificio Nazionale (Bergamo, Italy)

### SSUCHY

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**Two years after the project launch, the European partners of the consortium met in Bergamo to review the results of their work**

**SSUCHY Project, which is positioned on the development of composite constituents and materials, based on a renewable resource, for applications in the transportation and audio sectors, brought its 17 European partners together in Bergamo on 19 and 20 September.**

**This event was the opportunity for the consortium to present all the results of their work with great progress noticed on fractionation of lignocellulose, post-functionalization of copolymers by tandem catalysis, thermosets preparation and thermoplastics synthesis. Furthermore, implementation of European hemp, preparation of bio-based composites and interesting prototypes of bio-based scooter and cockpit dashboards have been made.**

### Visit of Linificio e Canapificio Nazionale premises

Linificio e Canapificio Nazionale has welcomed all SSUCHY partners for this meeting and offered a visit of their plant and lab. The opportunity for the partners to see all their know-how and expertise for the manufacturing of flax and hemp rovings and yarns, to provide the SSUCHY consortium a plant fibre reinforcement which features are ideal for the development of bio-based composite products and traceability is ensured.



## Test of prototypes to mow the plants in aligned swath by Università Cattolica del Sacro Cuore



The hemp fields, cultivated in Italy in the framework of the SSUCHY project by the Università Cattolica del Sacro Cuore in 2019, has been harvested to obtain swaths of aligned stems. Two similar prototypes were tested to mow the plants in aligned swath. The BCS prototype, selected for its efficiency, was used to harvest 1 hectare of hemp. In the process, the stems stay in the field (retting step) to facilitate the separation of the bast fibres from the woody part (shives). The plants will be cut in 1-meter stem

portions using a second prototype, so that they can be fed in the flax scutching line belonging to Terre de Lin (France).

See the video: <https://www.youtube.com/watch?v=Ahp-AQrnzo>

### About SSUCHY\*

The SSUCHY project is positioned on the development of composite constituents, based on a renewable resource (i.e. bio-based polymers and plant fibre reinforcements) for the development of multifunctional recyclable and/or biodegradable bio-based composites with advanced functionalities for application in different sectors: transportation (ground transportation and aerospace) and high value market niches such as the acoustic and electronics sectors. It is dedicated to the development of specific concepts, technologies and materials to achieve a complete value chain and prove the principle at the scale of product demonstrators.

SSUCHY brings together 17 European partners. Coordinated by the Université de Franche-Comté, the project will be carried out over 48 months, from September 2017 to August 2021, with a total budget of € 7 411 150, including € 4 457 195 of BBI JU contribution. SSUCHY has received funding from the Bio-Based Industries Joint Undertaking under the European Union's Horizon 2020 research and innovation program under grant agreement No 744349

#### The 17 European project partners

- 3 industries: Linificio e Canapificio Nazionale Srl (Italy), Nouryon (Netherlands) and Trèves (France)
- 3 SMEs: EADCO GmbH (Germany), NPSP BV (Netherlands) and Wilson Benesch (United Kingdom)
- 10 academic institutions: Université de Franche-Comté FEMTO-ST (France), Chimie Paris Tech – CNRS (France), Ecole Nationale d'Ingénieurs de Tarbes (France), Ecole Nationale Supérieure Arts et Industries Textiles – ENSAIT (France), Université de Bourgogne (France), Università Cattolica del Sacro Cuore (Italy), University of Bristol (United Kingdom), University of Derby (United Kingdom), Katholieke Universiteit Leuven (Belgium), Stockholms Universitet (Sweden)
- One competitive cluster: IAR, The French Bioeconomy Cluster (France)

*\*SSUCHY: Sustainable Structural and Multifunctional Biocomposites from Hybrid Natural Fibres and bio-based polymers*

**More information:**

- SSUCHY website: [www.ssuchy.eu](http://www.ssuchy.eu)
- European Commission website: [http://cordis.europa.eu/project/rcn/210573\\_en.html](http://cordis.europa.eu/project/rcn/210573_en.html)

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