



POLITECNICO DI TORINO JOINS RE-CORD CONSORTIUM: A NEW BOOST FOR ITALIAN RESEARCH ON RENEWABLE ENERGIES

This partnership will allow to share research and technologies for biomass and waste conversion processes, promoting the technology and innovation transfer to the industrial sector

Torino, February 2021 - Bioeconomy, Circular Economy, efficient use of energy - key issues for the sustainable development goals promoted by the United Nations - are multidisciplinary research fields that, due to their complexity, require a significant commitment to give a greater boost to research activities and the construction of networks between stakeholders to share know-how and drive technological development.

The partnership between the RE-CORD - a research center specialized in bioeconomy and renewable energy - **and the Politecnico di Torino**, that formally joined the consortium, aims at sharing the best know-how and expertise in the field of bioeconomy and the circular economy.

The collaboration will focus on research, testing and development of thermochemical, chemical, biochemical and biological processes for the conversion of biomass and waste into high value sustainable products, in line with the goals of the Green Deal and the Next Generation EU: innovative processes will be developed and demonstration units will be designed and operated to multiply the opportunities for innovation transfer to the industrial world on a large scale.

The Politecnico di Torino will give a valuable contribution with its technology know-how and experiences in an more and more crucial sector for the challenges linked to sustainable development and the economic and industrial recovery both in Italy and in the European Community: this collaboration aims at identifying new opportunities investment and at supporting policy makers and companies in restarting the country system according to a new development paradigm, socially fair and based on a sustainable and efficient use of resources.

RE-CORD consortium

RE-CORD (Renewables Energy Consortium for Research and Demonstration, www.re-cord.org) is a non-profit research center founded 10 years ago to become a point of excellence and reference in the fields of Bioeconomy, Circular Economy and Biofuel. Over these years it has developed skills and expertise in research and demonstration, technology transfer and in the design and construction of pilot plants. The consortium partners, beside Politecnico di Torino, are Università degli Studi di Firenze, Consiag S.p.A. (a multiutility, www.consiag.it), the local action group Start S.r.l., ETA Florence Renewables Energy S.r.l., Spike Renewables S.r.l.. The consortium members and activities have significantly expanded over the years, through both private contacts and funds from competitive calls for research at European level (currently mainly Horizon 2020).

Politecnico di Torino

The Regio Politecnico di Torino was founded in 1906 and its origins date back to the Application School for Engineers founded in 1859. It is accredited by international rankings as one of the main technical universities in Europe, with about 37,500 students, the 16% of which are foreigners, from over 100 countries. The Politecnico is a center of excellence for training and research in Engineering, Architecture, Design and Planning with close relationships and collaborations with the socio-economic system. It is in fact an all-encompassing Research University, where training and research integrate providing concrete answers to the economy and territory requirements of and above all of students, with a strong internationalization of training and research activities as well as technology transfer, with collaborations with the best universities and research centers all over the world and with agreements and contracts with large international industrial groups as well as with local companies, setting up as a reference point for innovation.