

# Green strategies for cities of the future

*A Summit focused on the bioremediation of polluted soils, reduction of land consumption and promotion of sustainable use of resources*



**B**ioremediation of polluted soils, reduction of land consumption, recycling and sustainable use of resources: the “LIFE BIOREST” project will animate the summit focused on sustainable models of urban land management and requalification, increasingly contaminated and impoverished by human activities.

The event will be held on May 10th in Bologna at the Opificio Golinelli. It aims to share good practices of urban resources and soil protection with public administrations, local authorities, the scientific community and companies are engaged, and more generally, initiatives for promotion of environmental sustainability. LIFE BIOREST is a European project funded by the LIFE - Environment Program (LIFE15 ENV / IT / 000396), coordinated by Consorzio Italbiotec (the largest Italian non-profit organisation, which brings together over fifty research institutions and companies active in the field of industrial biotechnology), in collaboration with other bodies and companies operating on national and European territory.

“We intend to demonstrate the effectiveness of a biological method of soils regeneration polluted by chemicals contaminants, such as hydrocarbons and derivatives of crude oil and benzene processing,” explains Ilaria Re, the project coordinator.

It is a problem common to over

340,000 sites in Europe, about 5.7 contaminated sites per 10,000 inhabitants.

The experimental activities are in progress at the Site of National Interest “Ex-Carbochimica” of Fidenza, thanks to the support of the Municipality, already actively engaged in land reclamation and regeneration.

“The integrated approach proposed by LIFE BIOREST – continues Re - aims to demonstrate the effectiveness and environmental sustainability of a biological remediation method based on the use of bacteria and fungi naturally present in contaminated soil, to validate a model application

exportable to the regional, national and EU level”.

The total investment of almost 1.8 million euros will allow to propose a reclamation and subsequent revegetation protocol compatible with public land use and to support activities local authorities on soil protection and resource conservation.

The Consorzio Italbiotec is engaged in a study dedicated to the status of hydrocarbon pollution, for the creation of a picture of national reclamations and the advantages proposed by the application of bioremediation techniques.

For more information is online [www.lifebiorest.com](http://www.lifebiorest.com). ■

