



***Sustainability is a big focus for the construction industry. Modern buildings are all designed to be environmentally friendly and have a positive impact on the communities which use them. Construction projects are what develop our communities and the way in which we live, whether that be new building, hospital, school, road or bridge. The construction process itself defines a positive impact on the whole community.***

The systemic approach to sustainable building is the centerpiece of an indispensable reunification between design, active environmental protection and economic development, aimed at repair, with a "... gigantic work of mending ..." the city and the landscape through collaborative projects developed in a context that has the focus on the development of the territory.

The construction industry is today facing a major challenge: managing a heritage varied typological models and layered over time, subject to interventions of recovery, rehabilitation and maintenance. At the same time there is a clear need to safeguard the environment and adopt energy saving strategies - environmentally friendly: processes now widely shared, especially in light of an EU framework increasingly sensitive to environmental impact and increasingly oriented to the preservation of materials first. One of the most important areas in which we must operate with growing commitment in the construction industry is precisely linked to the process of recovery and rehabilitation of the land and building for all actors and stakeholders.

This is the context of the Master "BORN TO RE-BUILD", which aims to provide participants with all the knowledge necessary for application of models of sustainable redevelopment and enhancement of processes, products, materials, technologies and strategies to define a positive impact on 'entire community. In this way, young professionals can be of support to local authorities in the policies of improving land and recovery of funds by the producing companies in the research, development and diffusion of environmentally friendly materials, to the community to raise awareness and involve the citizens of our country in the process adjusting the parameters dictated by Horizon 2020 (ZEB / NZEB).