



Born in 1960 in Cagliari (Italy), Daniela Ducato studied the movements applied to the physics of sound in Switzerland. For almost 30 years, she has been dealing with sound biodiversity of terrestrial and marine landscape. She widely contributed to the design and production of new materials inspired by nature and high industrial technology, for acoustics, construction, energy efficiency, interior design, geotechnical engineering, agriculture, environmental engineering and environmental clean-up, made only from renewable raw materials, and more specifically from vegetable animal and mineral surpluses (products in the market are as follows: Edilatte Editerra Edilana Geolana Ortolana Ediluce and Edimare). The latest innovation (inauguration on March 22, 2016) referred to GEOLANA terra mare acting as terrestrial and aquatic petrochemicals and hydrocarbon derivatives depolluting. The previous innovation was EDIMARE a thermal and acoustic insulator with very high thermal inertia, arising from the industrial engineering EDILANA by joining together sheep wool and *Posidonia spiaggiata* (currently in nomination for the Compasso d'Oro 2016). Received a number of prizes, of which: New-Urbanism Award for the realization of the project "I Suoni e i Sogni della Città Bambina" (New York, 2004), EUWIIN for Best European Innovative in the Ecofriendly Category (Stockholm, 2013) and International Award of the Japanese Ministry of Commerce for carbon-free interior design solutions (2014). In 2015, she was awarded the Order of Knight (*Cavaliere*) in recognition of environmental services to the Italian Republic. Has recently contributed to the *Materioteca* EDIZERO - Architecture of Peace- first in the world to have a library of technological materials derived from more than 500 petrochemical derivatives-free ingredients and of total traceability.