

GREEN ROOFS IN MEXICO CITY AND IN OTHER AREAS OF THE COUNTRY

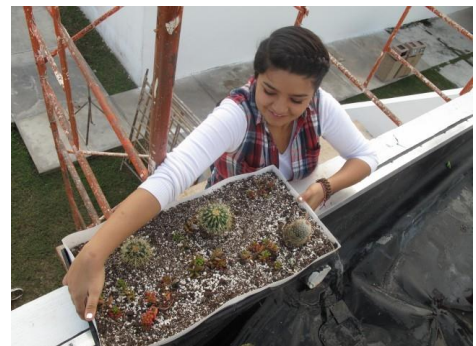
The municipality of Mexico City has been developing since 2007 a strategy to involve the population in the creation of green areas through green roofs by granting benefits. The Federal Government has been granting since June 2011, 10% discount to those people who decide to implant a green roof on their house and to encourage all citizens to make their houses more “green”. Thanks to these incentives, in 2014 the Government of Mexico City, through the Ministry of Environment, planned to create more than 6,300 m² of green roofs on public buildings such as hospitals and schools. The green roof spaces will be especially designed for the establishment of local biodiversity through mound conformations in the design and the use of wild grasses.



These measures, fostering installation of green roofs, are part of a broader framework of initiatives of the Government of Mexico. For instance, the *Plan Verde* in Mexico City is a large plan realized involving institutions and local governments in order to reduce the urban impact on the natural environment, using different green technologies including green roofs. Public choices also influenced the private sector and many Mexican firms are specializing in the installation of these special roofs on the buildings of Mexico City.

According to the [study carried out by Tanya Müller García of the Mexican Association of Green Roofs](#), from 2007 to 2012 12,302m² of green roofs on public buildings such as hospitals and schools were created. The study underlines that a key element to promote this policy was the creation of the environmental standard, which sets the technical specifications for the installation conditions, parameters and the minimum quality and structural requirements applicable for the planning, commissioning and maintenance of green roof systems in Mexico City. This standard is the first of its kind in Latin America.

The National Council of Science and Technology (CONACYT) is supporting these efforts by supporting research projects in other areas of the country. In Yucatan, for example, the [University Anáhuac Mayab in Mérida](#) realized a research project based on these technologies, using Mexican local plants in order to fight pollution and to build constructions with a minimum impact on the environment and an important thermal insulation. The project is also supported by the local government through the Secretary of the Environment (*Secretaría de Medio Ambiente*).



To know more

[Green Roofs in the Secretaría de Medio Ambiente website](#)

[Video in youtube](#)

[Video in youtube](#)

[Green Roofs in Guadalajara video youtube](#)

[Plan Verde de Ciudad de México](#)

[Article in La Jornada en la Ciencia](#)

[Article in Excelsior](#)

[Ecoconstruction](#)

[Green Roof Systems website](#)

