

SUSTAINABLE GREENERY AS AN INSULATE ROOFTOP IN MUNICIPAL BUILDINGS, ALSO PLAYING IN MUNICIPAL GARDENS

Sergi Lopez-Grado i Padreny, Ana Maria Prados Fernández

We would like to present to the up-to-date Call SB07seoul, a Product of Innovation for the Ecological and Sustainable Gardening Decks and the landscaped Flowerbeds.

It is a matter of the Installation that we made in Girona Temps of Flors-2006, in the garden of the Casino of Girona. In this Installation we launch to carry out an experiment of R+D. related with the research of processes and techniques to attain the searching "SUSTAINABLE GARDENING" of constructing the True Ecological and Sustainable Green Deck.

Treats itself of the exploitation of a generated forest product and managed in a sustainable process of management and maintenance of the urban green, waste triturated of vegetal fibres the course of which derivative is seen temporarily of its final fate, to constitute a substrate in the plantation of green in decks and flowerbeds, for later to rejoin its their way towards the plant of compound.

Vegetal Layer of being triturated of the Forest Waste "mulching", produced in the campaigns of pruning of the trees and cleaning of flowerbeds in the Process of Management and Maintenance of the Urban Green; % of Mulch derived in delivery and temporarily from its finalist fate in the plant of compound, evacuated temporarily in these locations, to act as Thermal Protector of the Decks and Benefactor of the Atmosphere and the Urban Environment, for later to continue its way in the Plant of Compound, in the one that will arrive with a step from the front shortening the process final.

Green Vegetal Layer, Light, Draining and Renewable, configured without the usual contribution of mineral subject, or sand, earth, etc, freeing it from the suspicion of earth extraction of the natural environment, sand of streams bottom, etc.

It also improves substantially the conditions of Security in the tasks of Installation and of Maintenance, since they see themselves reduced to just two Performances: the initial of the Contribution and Spreading of the "mulch", with the spreading of the -net of drip irrigation, in case is considered necessary-, the contribution of the hydro-seeding, and the Final, that moreover Initial consistent in the Withdrawal and Replacement/Substitution of the Substrate for one new can coincide with another.

Also it is applicable at scale of Parks and Urban Gardens for flowerbeds managed with sustainable criteria integrated into the programmed processes.

This realization Ephemeral with successfully result, carried out for he Hires it of Maintenance of Parks and Gardens of The L'Hospitalet, "CESPA", was a first performance, previous to the construction future of ECOLOGICAL DECKS and SOSTENIBLES", in the Sector of The Public Construction.

Sergi Lopez-Grado i Padreny

✉ City Council of L'Hospitalet
Barcelona, Spain

☎ +34 934029453-752

😊 slopezgrado@l-h.cat

Ana Maria Prados Fernández

✉ City Council of L'Hospitalet
Barcelona, Spain