



Eco-Green System

Establish Ecology on Concrete Slope

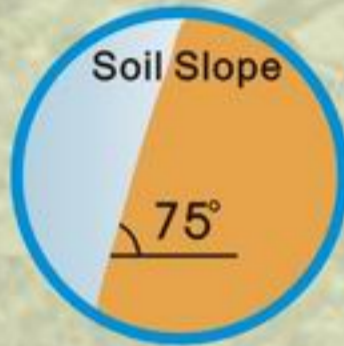
Shotcrete Surface

Rock Filled Slope

Soil Slope



Vegetation Objective



Soil Slope
Maximum Application Gradient



Non-soil Slope
Maximum Application Gradient



Erosion Control

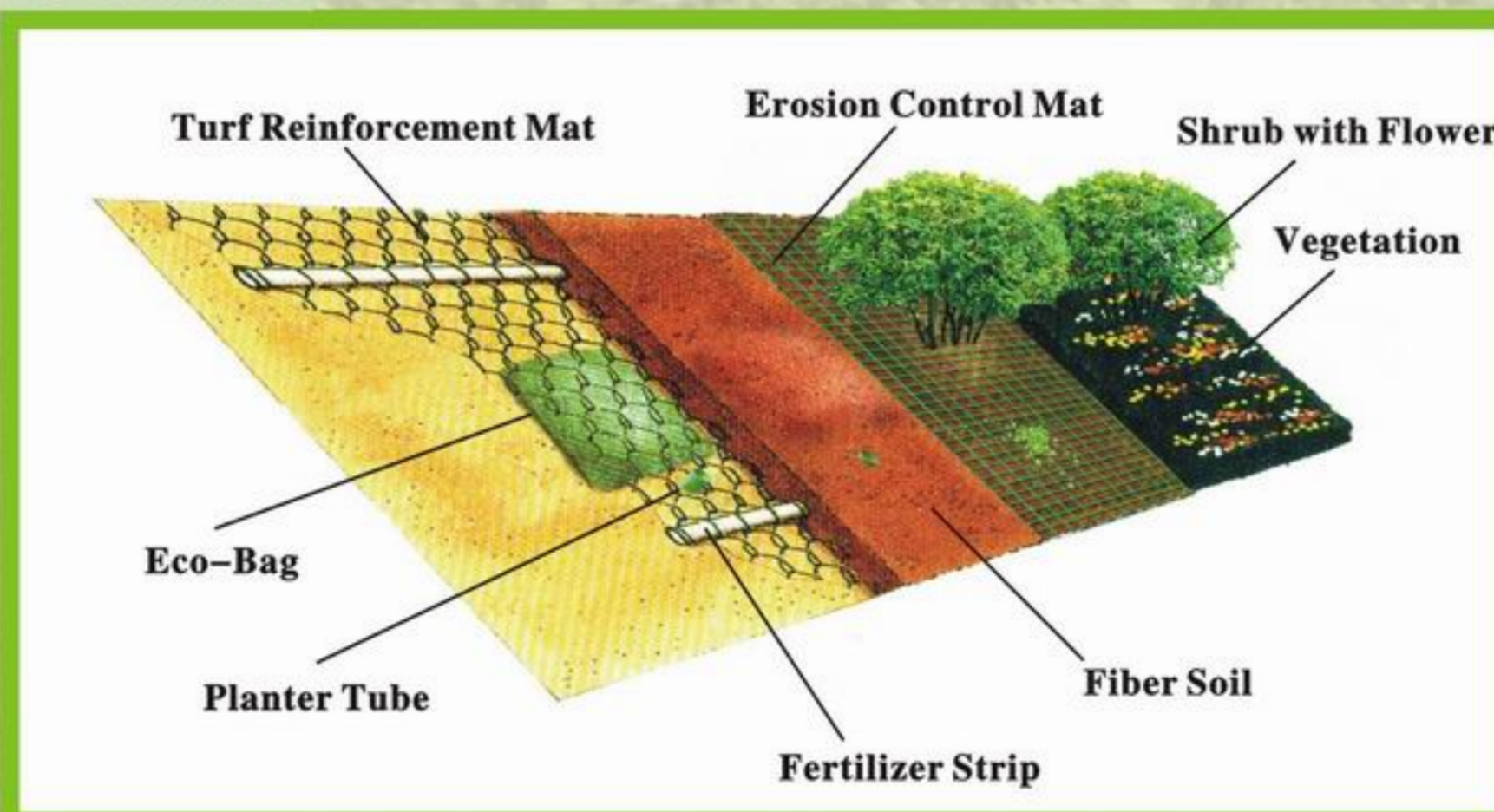


Prefabricated Seed & Fertilizer



Maintenance Free

Structure



Eco-Bag is a UV resistance PVC bag filled with fiber soil which provides adequate thickness of planting media for the anchoring and establishment of woody tree and shrub species.

Advantages :

1. High bio-diversity of plant species
 - Pioneer grass species
 - Native tree and shrub species
 - Nitrogen fixing species
 - Shade tolerance herb
 - Annual and perennial wild flower
2. Self recycle of organic soil nutrient
3. Surface erosion control
4. Encourage inhabitants
5. Reduce surface water run off



INSTALLATION PROCEDURE



1. Fixing of Eco-Bag



2. Fixing of Turf Reinforcement Mat & Fertilizer Strip



3. Spraying of Fiber Soil



4. Fixing of Erosion Control Mat



5. Tube Planting of Climber



6. Pit Planting of Shrub

PROPOSED NATIVE PLANT SPECIES

Tree



Gordonia axuillaris
大頭茶

Shrub



Rhapsiolepis indica
車輪梅

Herb



Hymenocallis americana
蜘蛛蘭

Climber



Arachis duranensis
蔓花生

Fern



Nephrolepis exaltata
劍蕨



Mallotus paniculatus
白楸



Melastoma sanguineum
毛稔



Spathiphyllum kochii
白掌



Lonicera japonica
金銀花



Selaginella uncinata
翠雲草



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