



r u t a s
NATURBANAS

Reforestation of Costa Rica's urban riverbanks



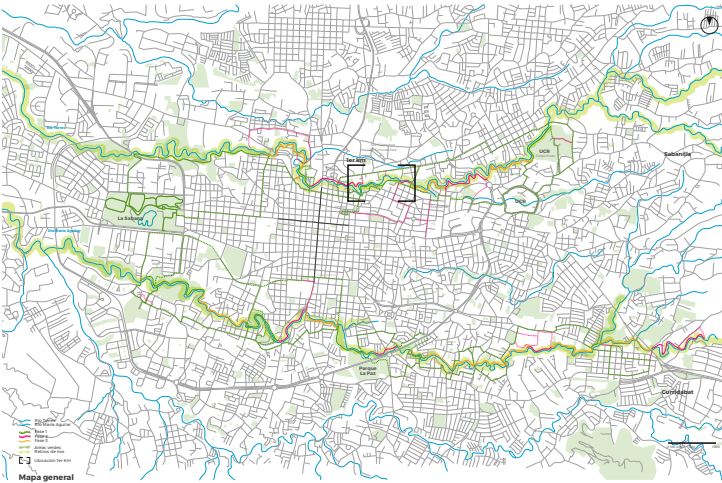


image 1. 25 Kilometers Master Plan. First kilometer location

Rutas Naturbanas Kilómetro 1

PROJECT SUMMARY

Rehabilitate the biological corridor of 2.9 hectares of the banks of the Torres River in the first kilometer of the routes, by planting of 680 individuals of 49 different native, endangered and endemic species and elimination of the invasive genus called elephant grass that is inhibiting the growth of the native species in an area of 4000 m2 / 43000 ft2. A total requirement of 200 citizen volunteers from the communities is estimated, during 9 months.

WHAT IS THE PROBLEM?

In San José, on the banks of the Torres River, where the first km of Rutas Naturbanas will be enabled, there are 2.9 acres severely affected by invasive species and deforested areas that require rehabilitation of forest cover. About 4000 m2 / 43000 ft2 of river retreat area is degraded and dominated by invasive species such as bamboo and elephant grass.

Its management is urgent since it is a barrier on the site that inhibits the growth of the native species as well as damaging the habitat of the wildlife.

URBAN & ENVIRONMENTAL TRANSFORMATION

Rehabilitation of the biological corridor increases the diversity of ecosystem services, habitat and biological connectivity for hundreds of wild populations that still find refuge in the middle of the urban matrix like amphibians, reptiles, birds and mammals such as bats, three and two-toed sloths, common opossums, coatis, porcupines, coyotes, raccoons and more.

Plant pioneering trees, endangered and endemic species will accelerate forest regeneration, protect the soil against erosion and retain slopes, thus avoiding greater contamination of the river and natural disasters involving communities.

This citizen intervention will bring with it a series of opportunities for nearby 600,000 inhabitants that will

be able to access public spaces for active mobility, recreation and physical activity, free from noise and pollution, which reinforces feelings of appropriation of the communities to collaborate in benefit of the local environment.

PROPOSAL

The implementation of the first kilometer already has the funds for gray infrastructure by a Costa Rican company.

This campaign through Global Giving will provide funding for the Rehabilitation of the biological corridor of 2.9 hectares of the banks of the Torres River.

OBJECTIVE 1

Planting of 680 individuals of 49 different native, endangered and endemic species.

OBJECTIVE 2

Management of invasive species like elephant grass.

Budget

Investment plan	US\$
Planting of 680 individuals	\$44,200
Management of invasive species	\$25,800
TOTAL	\$70,000

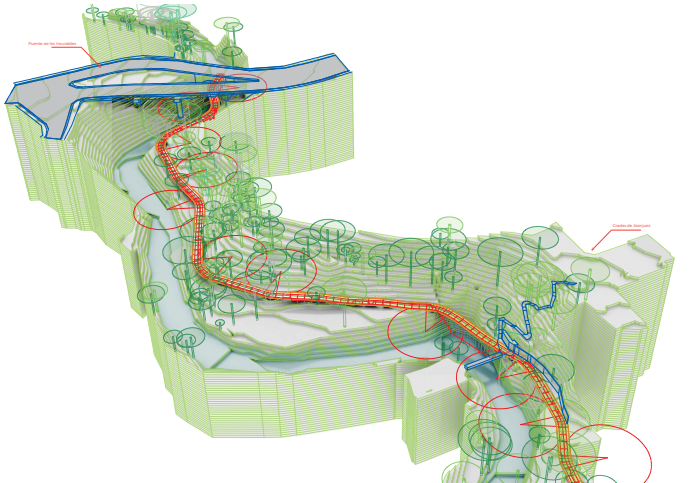


image 3. Integration with the environment / shown: Los Incurables - Aranjuez stairs



imagen 2. Phase 1



image 4. shown Colegio Mexico sector



image 5. First kilometer. Phase 1 and 2



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