

ingenhoven google, palo alto • designed to ecological capacity

The Google Master plan and building design concept is to, at minimum, not exceed the responsible ecological capacity for the building set out in the WWF Living Planet Report. The building is a catalyst for social and community betterment, urban densification, enhanced communication and improved transit strategies within the master plan - a jumpstart for the future.

Working in Nature/ Trees
95% of the site is freely accessible due to the raised design of the building. The areas planted with natural vegetation together with the green roof add up to 170% of the site area due to the raising of the building.

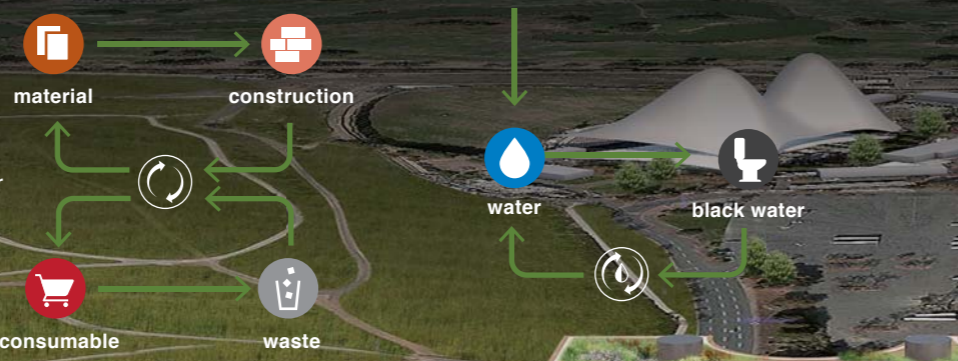
Fresh Air Pond
The shaded areas under the building serve as cool air ponds to promote air circulation. Improved air quality through purification is achieved as a result of the vegetation planted throughout the site.

95 % landscape green roof

Most Healthy Building
Indoor air quality, material selection, noise levels, smell, daylight, artificial lighting, food and electrical emissions have been carefully considered in regard to well being and health.

Materials
The construction is reduced to a reasonable minimum and follows the Cradle to Cradle design principles. Materials are recyclable or recycled and locally sourced to avoid long distance transportation.

Water Autarky
A highly efficient water system design incorporates rain water harvesting, a grey water system and a Black Water Bio-Reactor. This system ensures that no additional potable water needs to be added to the water cycle.



Recycling/ Cleaning
Waste is avoided wherever possible or recycled and reused.

Google sportfields

existing Googleplex

Google campus connectivity unobstructed pedestrian movement

fruit alley

Google Boulevard
By providing additional public facilities along the central spine of the Google Boulevard and the careful densification of the site, a more vibrant and interactive campus is created. The mixing of uses shortens distances to supermarkets, childcare facilities, restaurants and leisure facilities, reducing traffic but also encouraging a 24/7 campus life.

Traffic

Minimised Traffic
E-bicycle stations, bicycle parking & sharing, and end of trip facilities encourage carbon free travel.

