

(Working in Nature/ Trees

95% of the site is freely accesible 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



95 % landscar

The construction is reduced to a

()

reasonable minimum and follows the

Materials are recyclable or recycled and

construction

waste

locally sourced to avoid long distance

Cradle to Cradle design principles.

🚫 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.

material

Materials

transportation.

consumable

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

Google sportfields

Google campus connectivity unobstructed pedestrain mov

🔨 Google Boulevard

existing Googleplex

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.



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

> existina buildinas proposed developmen

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

Water Autarky

rain

water

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.

black wate

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.

reduce individual traffic

Google Wind Park Offshore" wind turbines

generate green electricity

Energy

Photovoltaics

deep drilling

heating/

green roof reducing

heat island effect

cafe/

Energy- and environmental design as well as material choice and construction follow strictly the principles of autarky.

thank God it Friday

Global hectares: demand per person
available per person



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Ecological Footprint

The ecologically and socially responsible design solution is based on the ecological capacity (WWF Living Planet Report). The area available for work is translated into the available land area to cover the demands.



Google staff: 3000 2 ha x 3000 🔰 = 3600 ha

*related capacity of:

1 low land

2 mountain area

3 marine area