

**Jibi List - case study of an energy efficient neighborhood grocery center / Hannover / Germany 2009**

This grocery store adds to the neighborhood "List", where an environmental movement has originated in both synergistically and ecologically architectural ways a walkable facility for the every day supply of the community. The grocery box building is sheathed with a vegetative/ceramic green façade, which acts as a thermal buffer, improving the micro climate and protecting against graffiti. The green glass mosaic entrance welcomes a world of sustainable merchandise, which is presented in an open plan interior with exposed structural systems, harvesting the majority of their consumed electricity on the roof through PV panels (being a typologically rather than an architecturally sustainable means). The correspondence to the adjacent "Mini" car dealership is taken care of through the manifestation of the beverage part of the program as an urban loggia, which is materialized by a mesh membrane screen. This skin protects the transparent/ translucent volume below from overheating, carries the signage, and gives the volume presence and typologically crucial significance. Due to the nature of the materiality, the dynamic and perception of this skin changes with the progression of the seasonal/weather related conditions. Under the covered parts, the loggia serves as a meeting place for a chat on the buildings plinths and in an outdoor café.

client



associated product



interpreted materializations



strategy:



ethereal beverage store ephemeral grocery



prefab tactics



the fundamentals of infra - structure ( inc. PV roof's early electricity harvesting)



fabric - ation



socializing spaces



shades of green



performance devices



the multi-functioning screen skin



wide open, exposing grocery



chameleon – ating

