

YENİ KUŞAK EĞİTİM TESİSLERİ İÇİN ÇEVRE DUYARLI TASARIM



PROF. DR. MİMAR HAYDAR KARABEY

EVRENSEL SORUNLAR: KARBON SALINIMI, SU TÜKETİMİ!



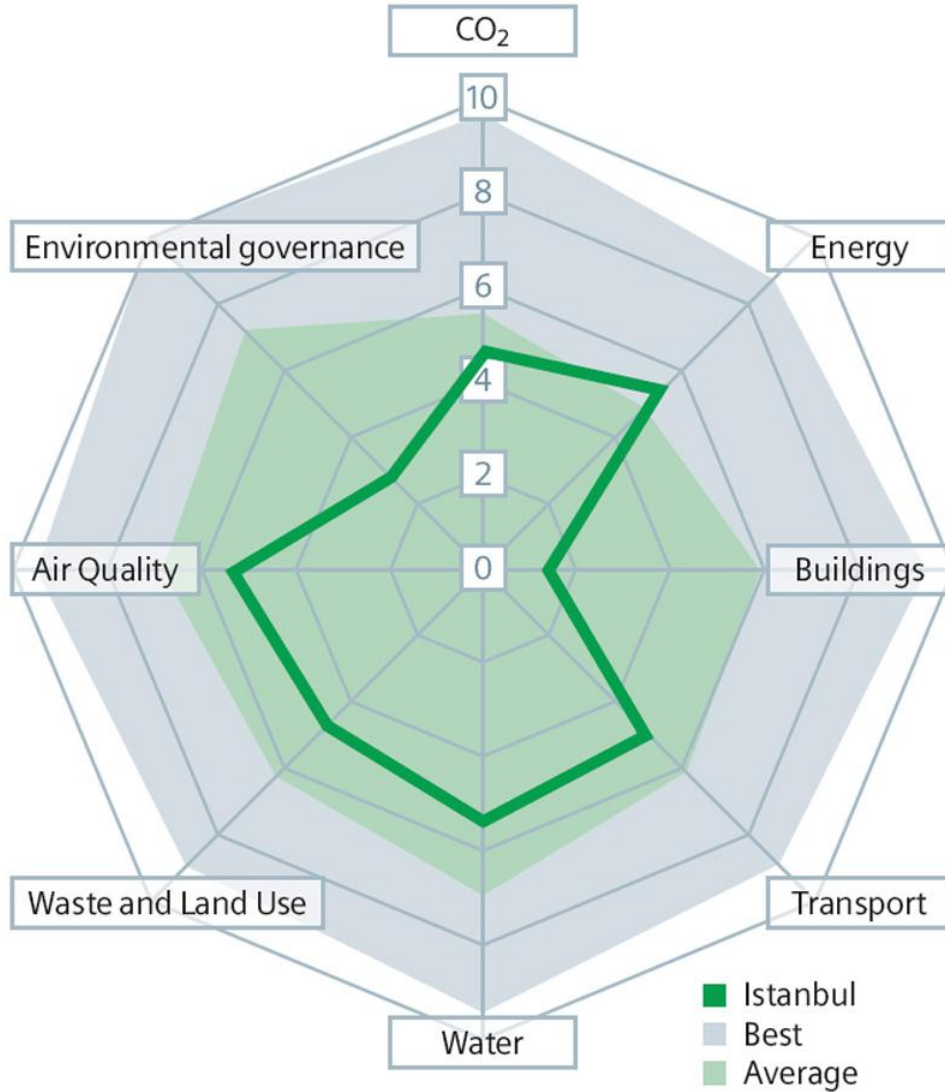


Measure Your
Water Footprint

MİLLİ «MESELELERİMİZ»: OSMANLI MI, SELÇUKLU MU?



ÇEVRE DUYARLIĞINDA NEREDEYİZ?



DUYARLIK ÖNCE YER SEÇİMİNDEN BAŞLAR



SITE SELECTION

HEALTHCARE: NC	
Credit	SS Credit 1
Points	1 point

Intent

To avoid the development of inappropriate sites and reduce the environmental impact from the location of a building on a site.

Requirements

Do not develop buildings, hardscape, roads or parking areas on portions of sites that meet any of the following criteria:

- Prime farmland as defined by the U.S. Department of Agriculture in the United States Code of Federal Regulations, Title 7, Volume 6, Parts 400 to 699, Section 657.5 (citation 7CFR657.5). Projects outside the U.S. may use a local equivalent.
- Previously undeveloped land whose elevation is lower than five feet (1.5 meters) above the elevation of the 100-year flood as defined by the Federal Emergency Management Agency (FEMA), an equivalent local regulatory agency, or a professional hydrologist.
- Land specifically identified as habitat for any species on federal or state threatened or

ALTERNATIVE TRANSPORTATION—PUBLIC TRANSPORTATION ACCESS

HEALTHCARE: NC	
Credit	SS Credit 4.1
Points	3 points

Intent

To reduce pollution and land development impacts from automobile use.

Requirements

OPTION 1. Rail Station, Bus Rapid Transit Station & Ferry Terminal Proximity

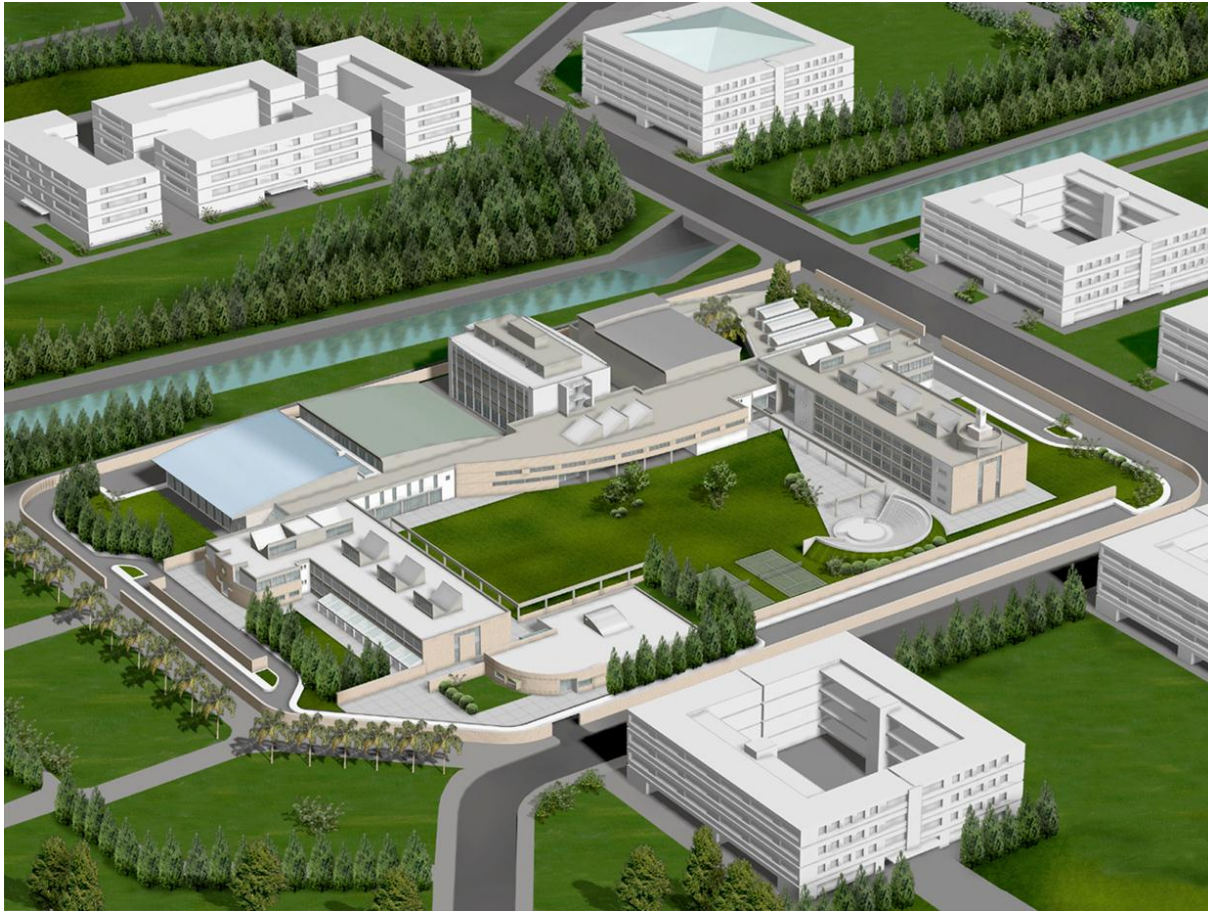
Locate the project within 1/2-mile (800 meters) walking distance (measured from a main building entrance) of an existing or planned and funded commuter rail, light rail, subway station, bus rapid transit¹ station or commuter ferry terminal.

For stations located greater than 1/8-mile (200 meters) from building entrance, provide an

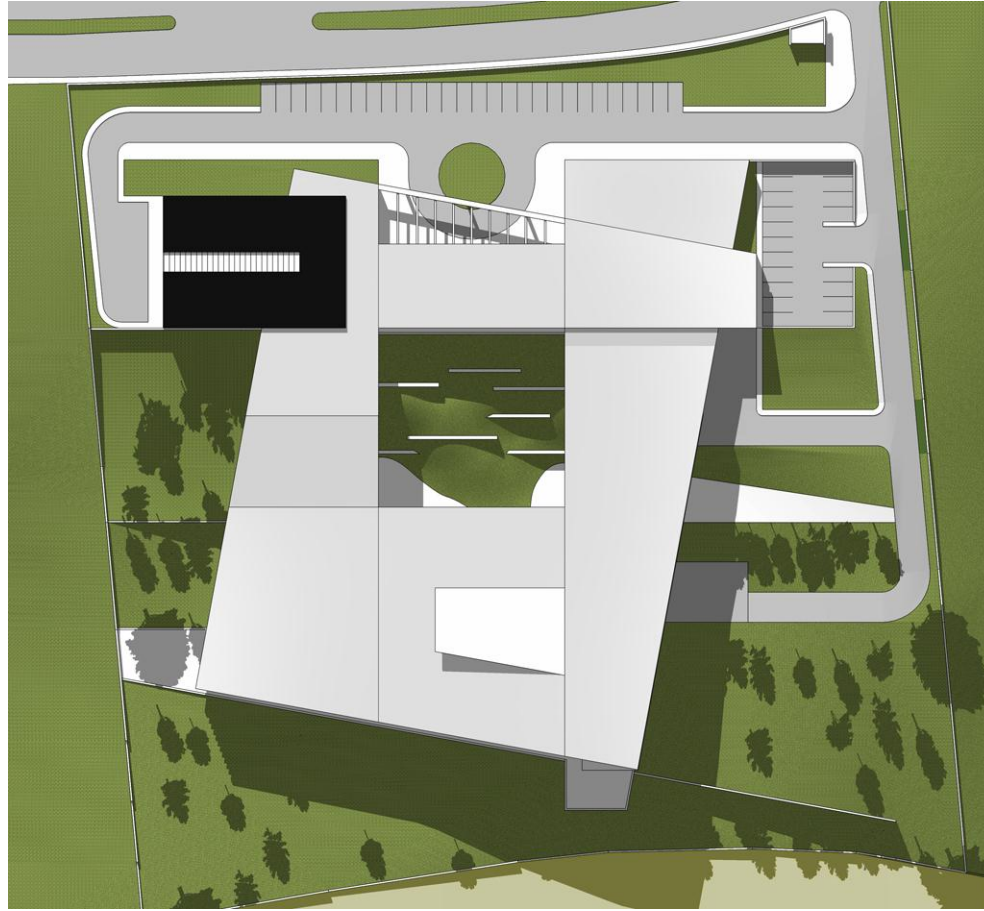
SS CREDIT 4.1



GREENFIELD, GREYFIELD, BROWNFIELD



DOĞA İLE BARIŞIK



KOLAY ERİŐİM



ÇATILARIN KULLANIMI







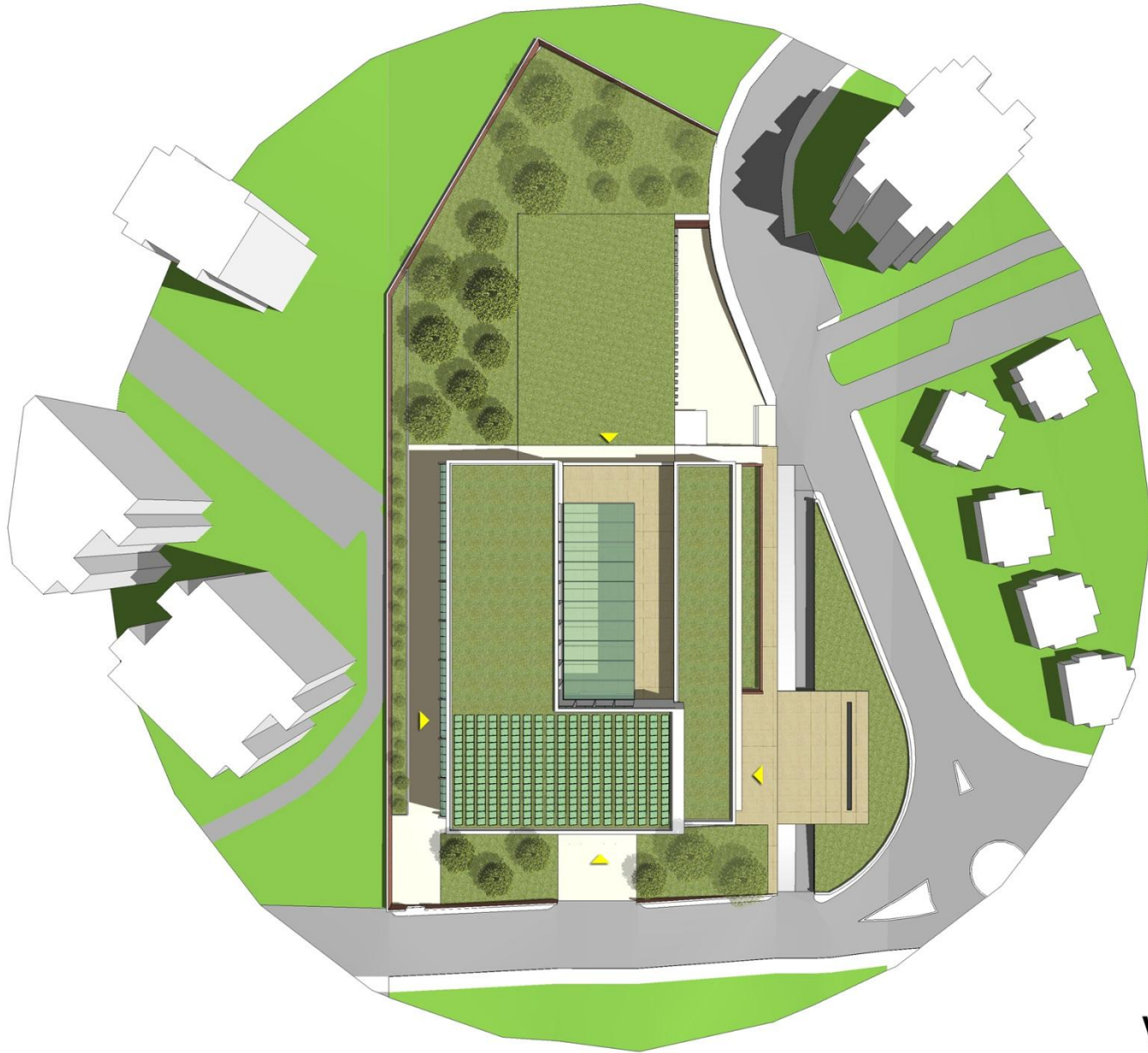
ÇEVRE VE PEYZAJ









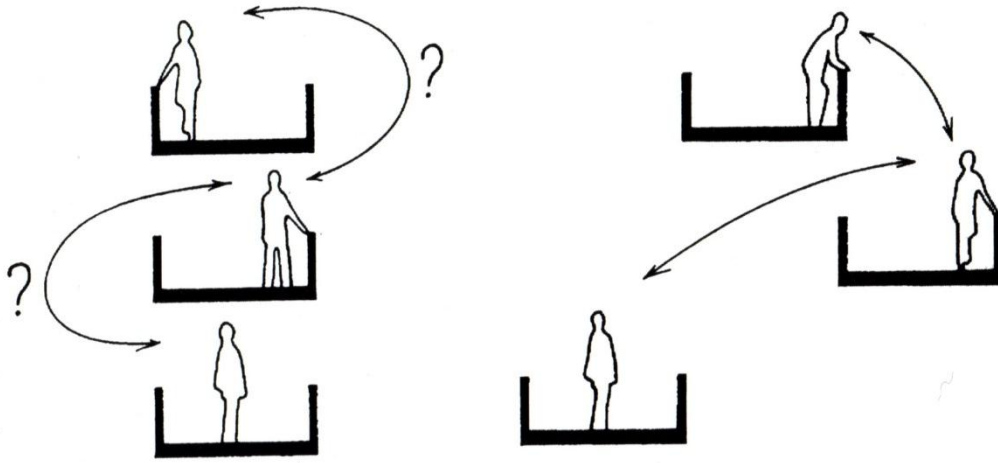


VAZİYET PLANI

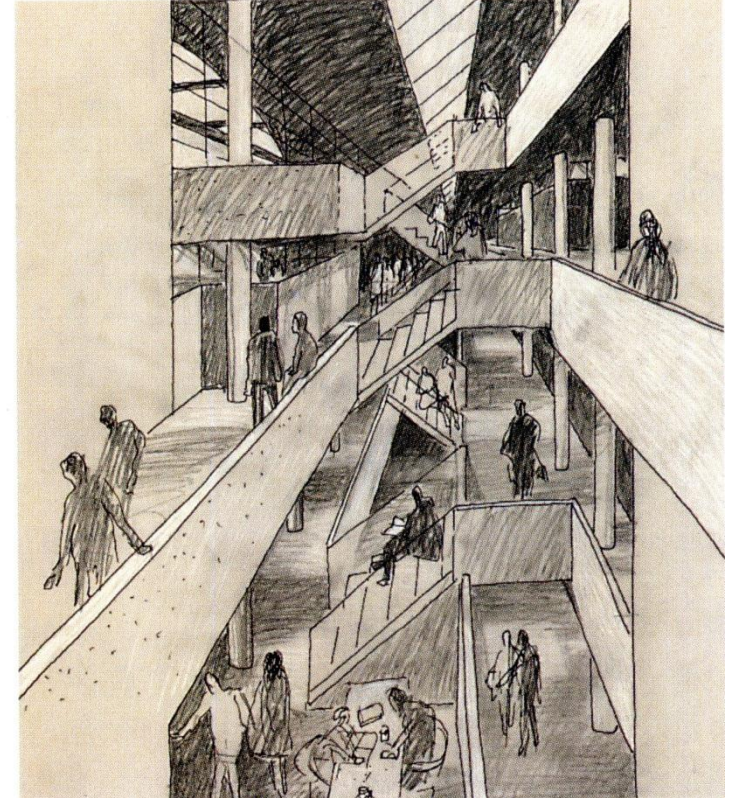
TASARIM İLKELERİ:

- DOĞAL IŞIK
- GÜNEŞ KONTROLÜ
- İÇ SAYDAMLIK
- DOĞAL HAVALANMA
- AKUSTİK KONFOR
- TERASLARIN KULLANIMI
- GÜVENLİK
- ESNEKLİK
- SÖKÜLEBİLİR BÖLMELER
- ENGELLİ ERİŞİMİ
- POZİTİF AYRIMCILIK
- İŞLETME ZONU KULLANIMI
- EĞİTİM-İLETİŞİM İÇİN





SAYDAMLIK.İLETİŞİM.SİNERJİ





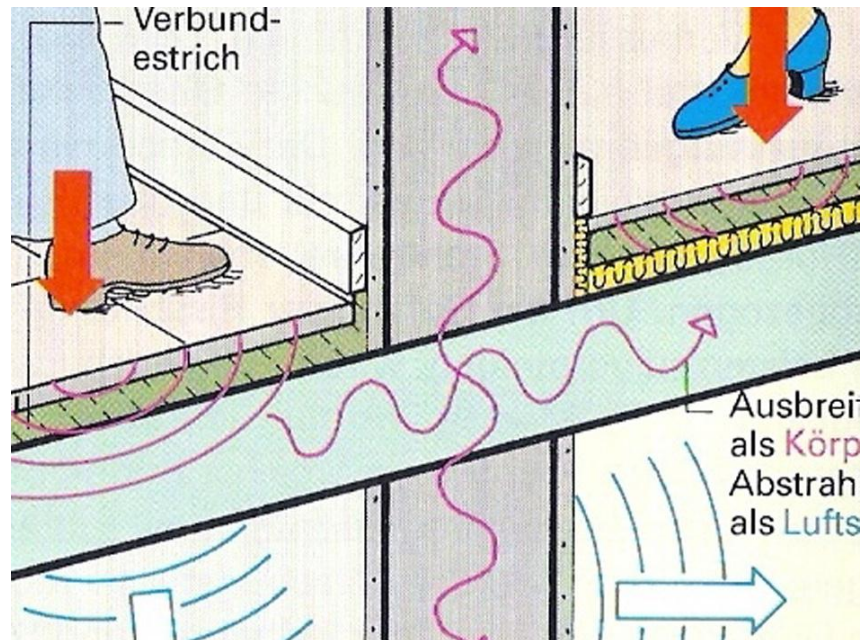












LAY-FLEX İZOLE MANTARLI KAUÇUK (SES VE TİTREŞİM YALITIMI)



Renk: siyah-bej
Yüzey: düzgün ve granül doku
Yanma derecesi: B2 (DIN 4102-1)
Isı geçirgenliği katsayısı: 0.06M²K/W 5mm (DIN 52612)
Ses yalıtım değerleri: $\Delta L_w=20$ db

LAY-FLEX izole kauçuk mantarlı halı, zemin kaplaması ses ve darbe izolasyonunda mantar ve kauçuk malzemeyi bir arada kullanmak isteyenlerin tercihidir. Parke, seramik ve daha bir çok zemin kaplama malzemesinin altında yürüme kaynaklı ayak sesini önleme amacıyla kullanılmaktadır.





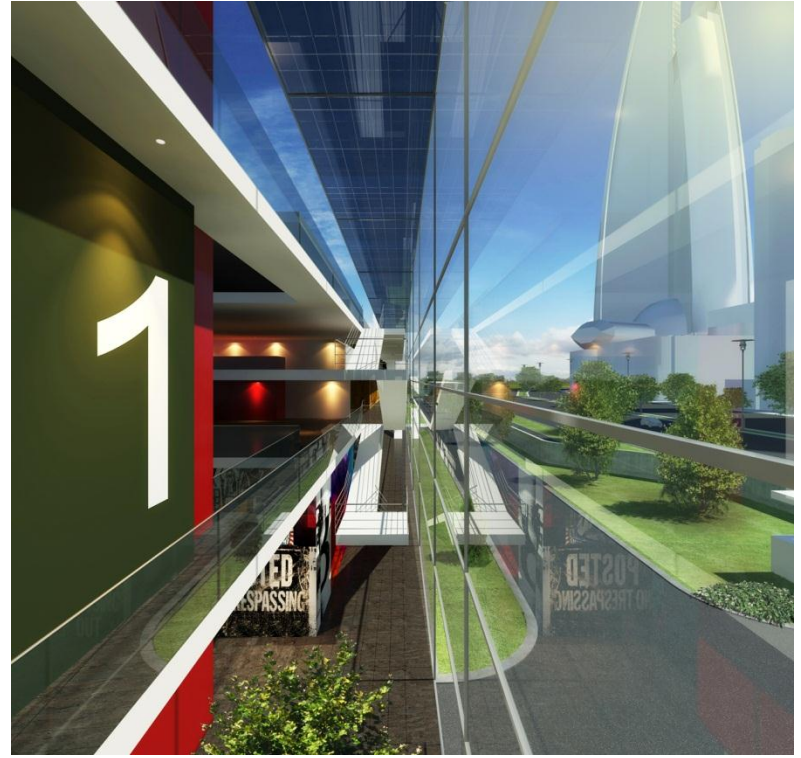








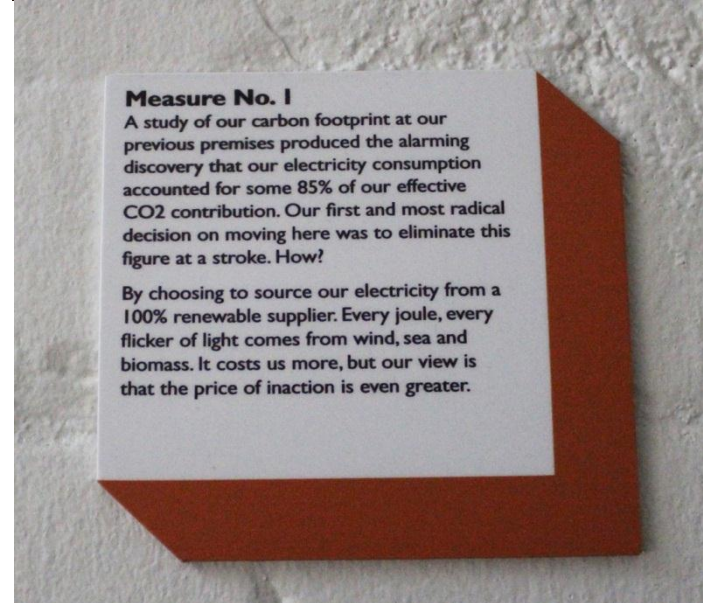
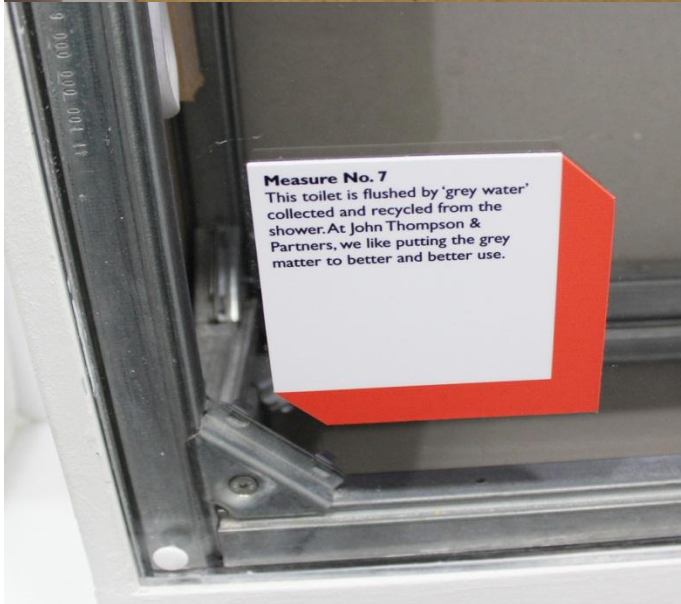
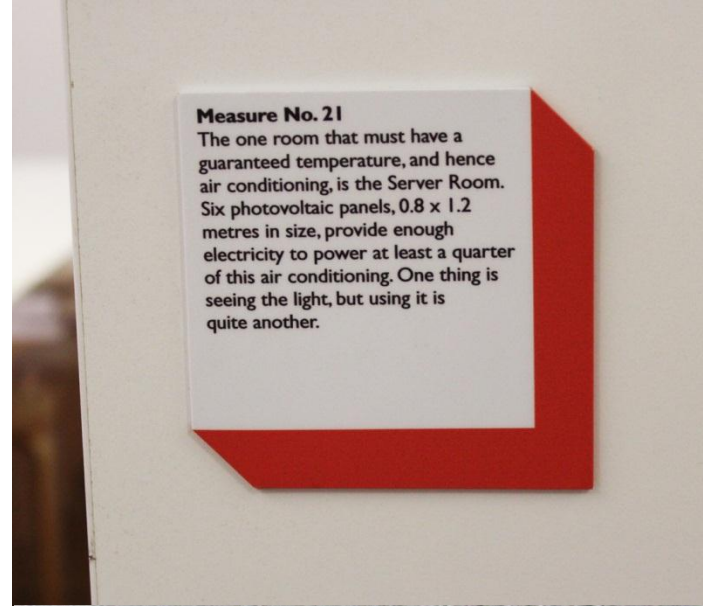
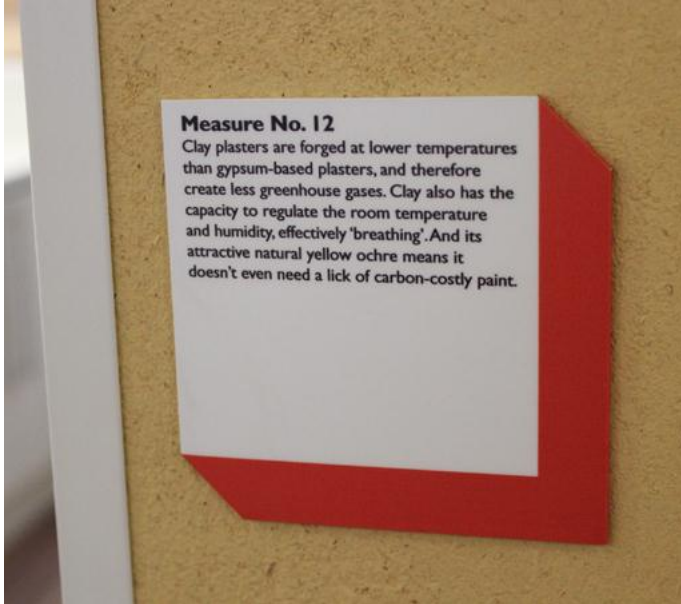






ÖZEL.ÖZGÜN MOBİLYA

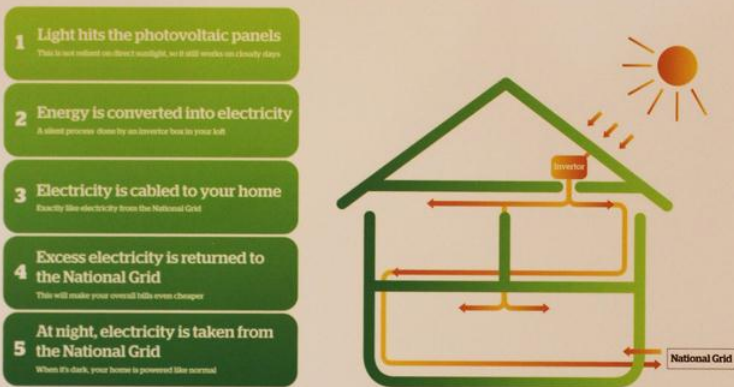
İŞLETME SÜRECİ: ÖĞRENCİ KATILIMI, BİLGİ YOĞUN ORTAM



BİLGİ PANOLARI

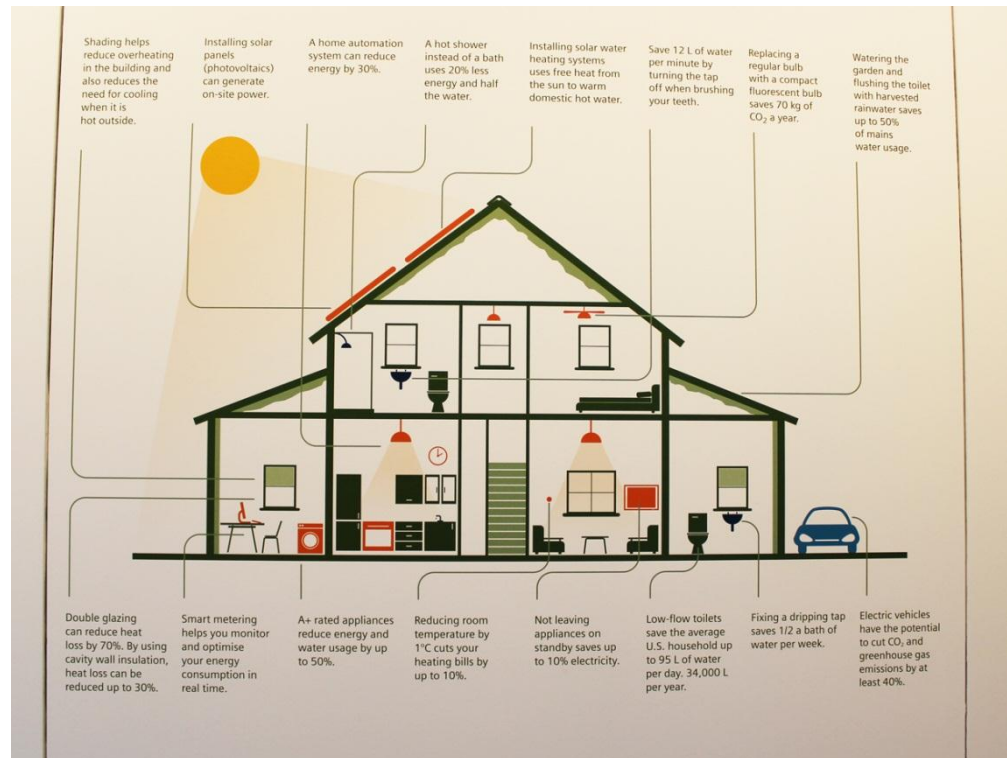
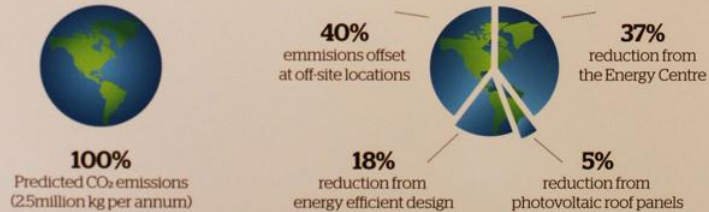
How do photovoltaics work?

How do photovoltaic roof panels supply your home with electricity



How will Graylingwell Park be carbon neutral?

How the development as a whole achieved carbon neutral status



ETKİLEŞİMLİ ÖĞRENME MERKEZİ





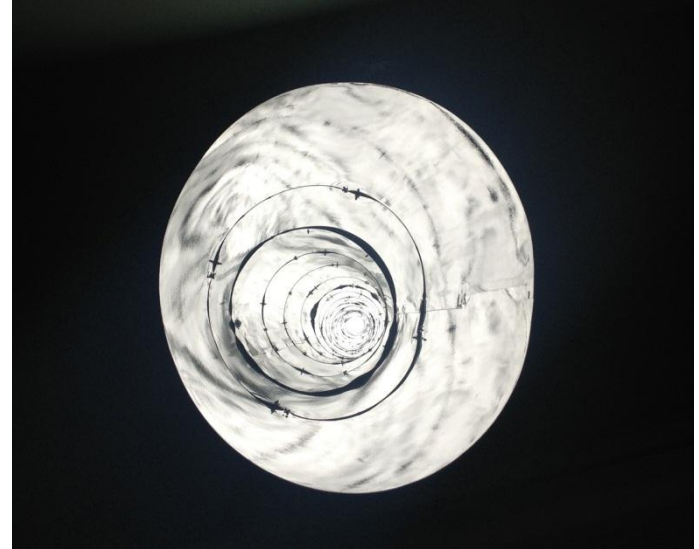
Quiet streets due to noise cancelling technology

Greenwave route - traffic lights paced in favour of bikes

Intelligent light emitting road surface

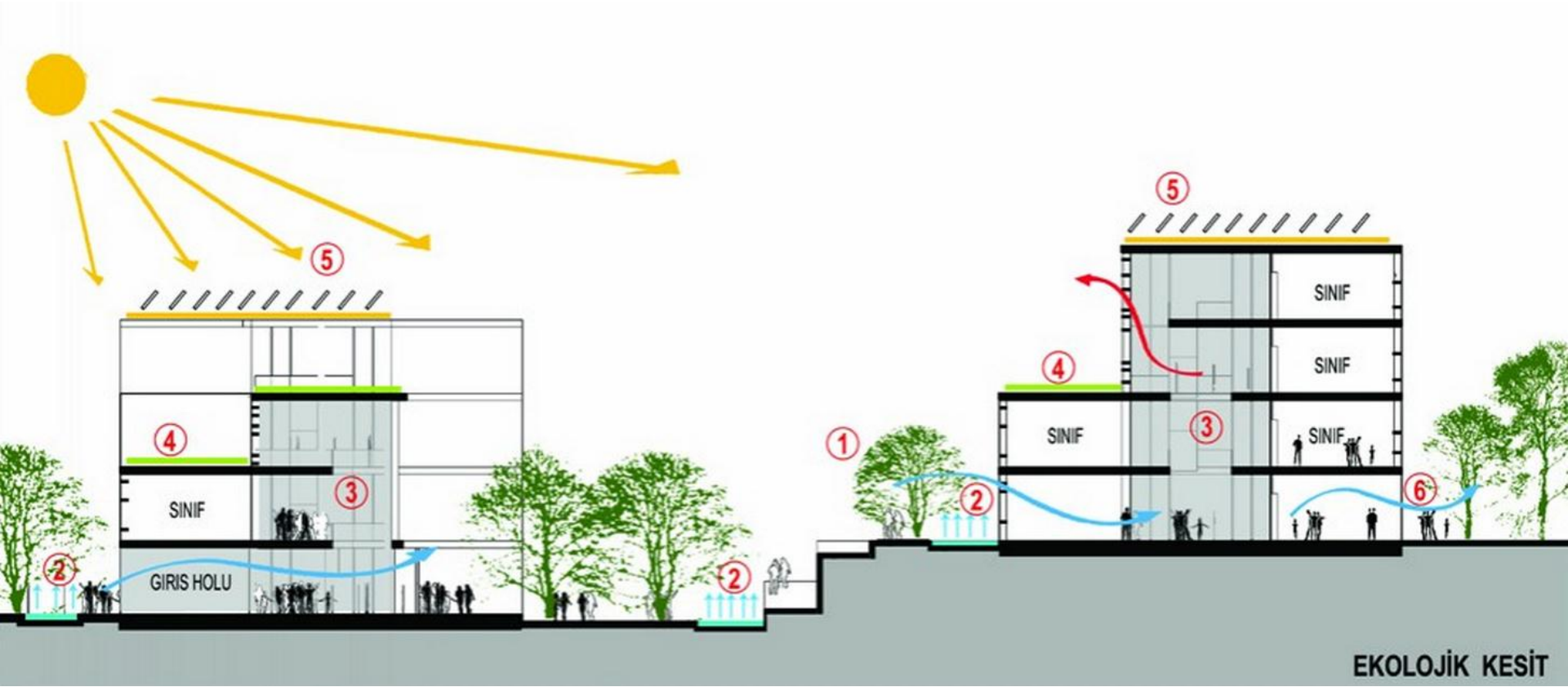


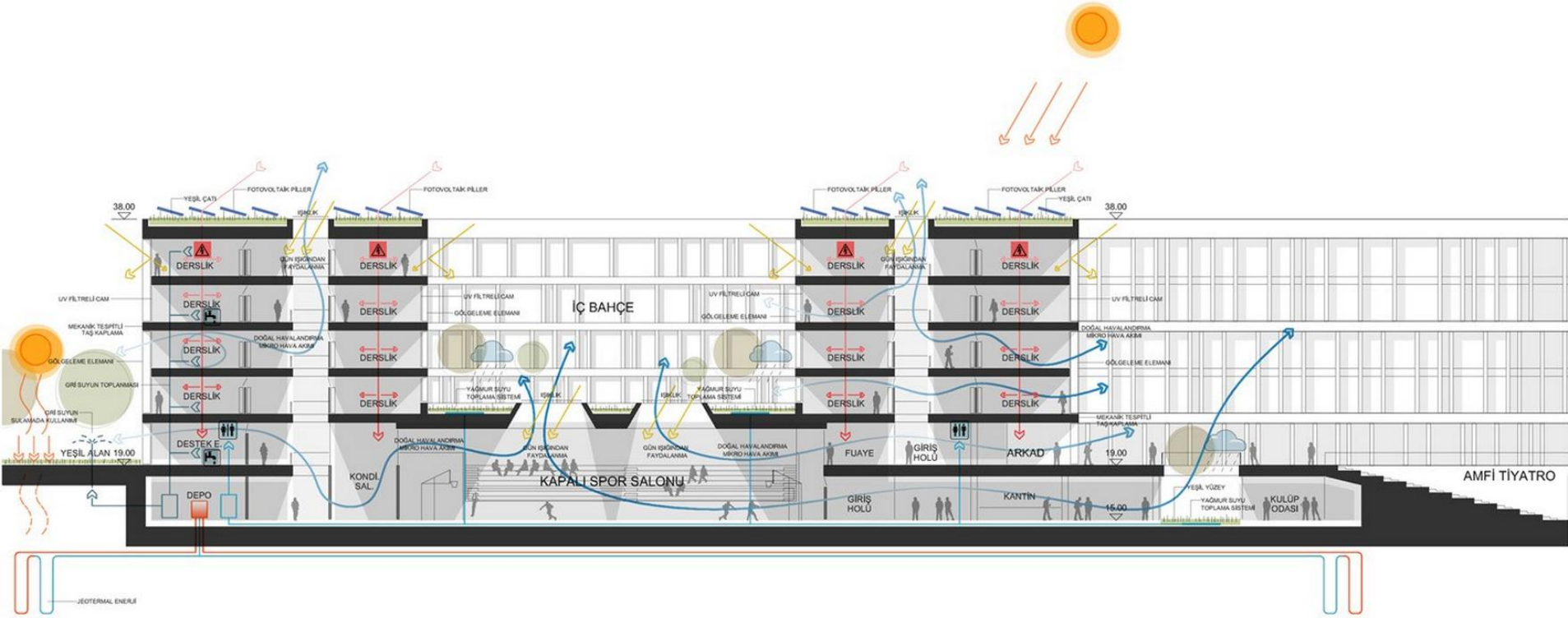






YENİ NESİL YAKLAŞIMLAR





EĞİTİM BLOĞU KESİTİ

**ARAMA MOTORLARINA
OKUL, SHOOL, SCHULE,
YURT, STUDENT HOSTEL
YAZINCA!**

OKUL:



SCHOOL:



SCHULE:



YURT:



STUDENT RESIDENCE:





HK