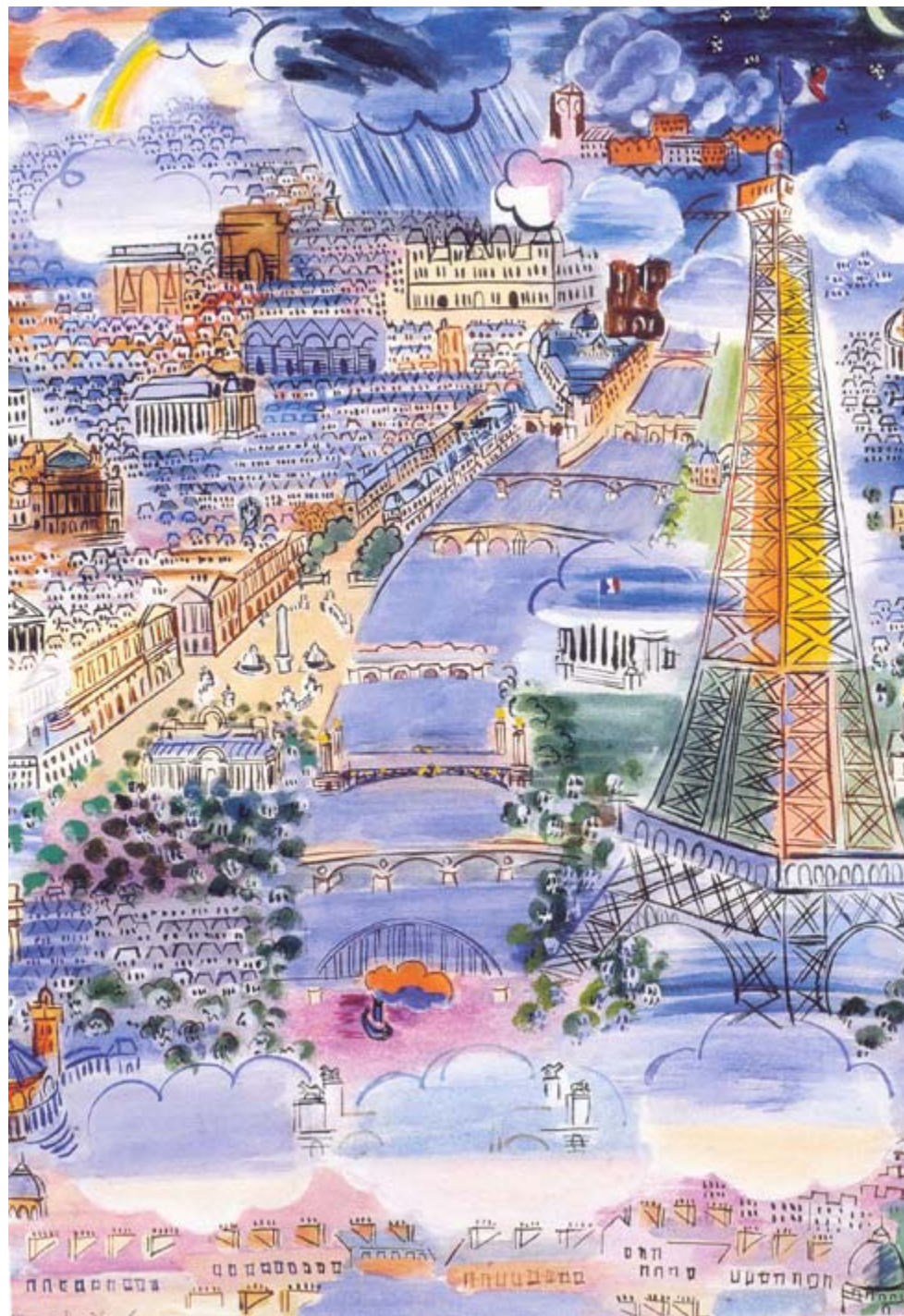
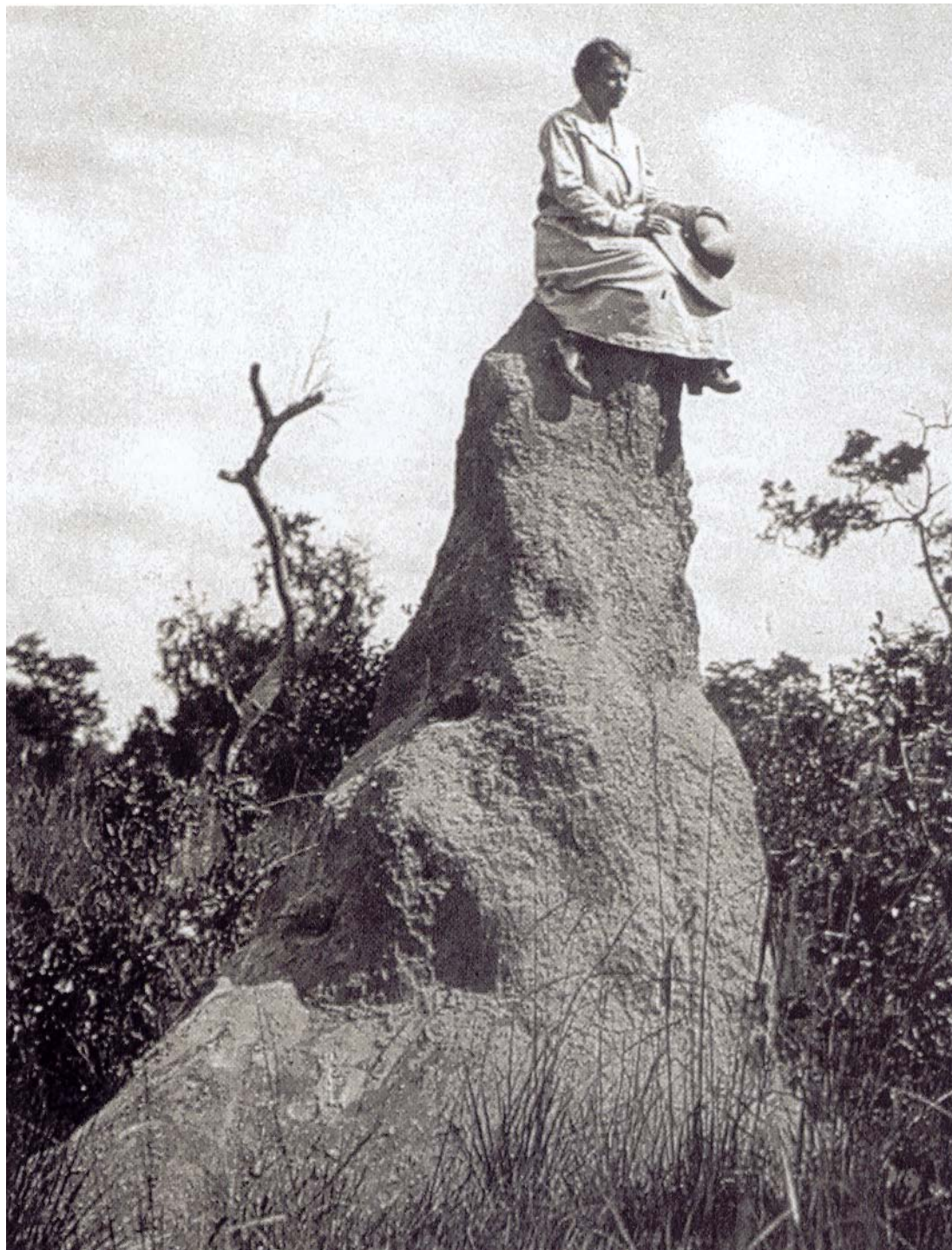
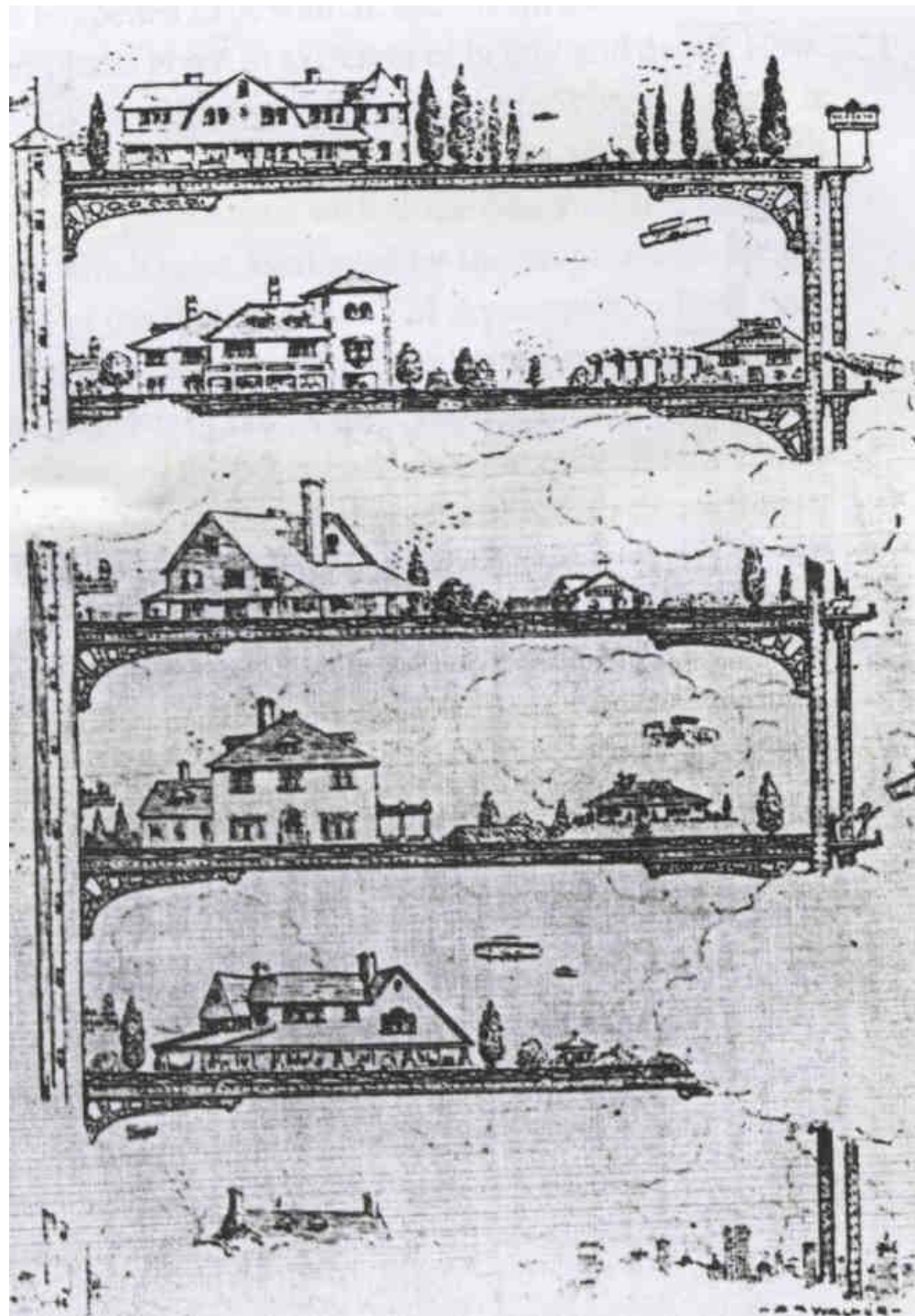


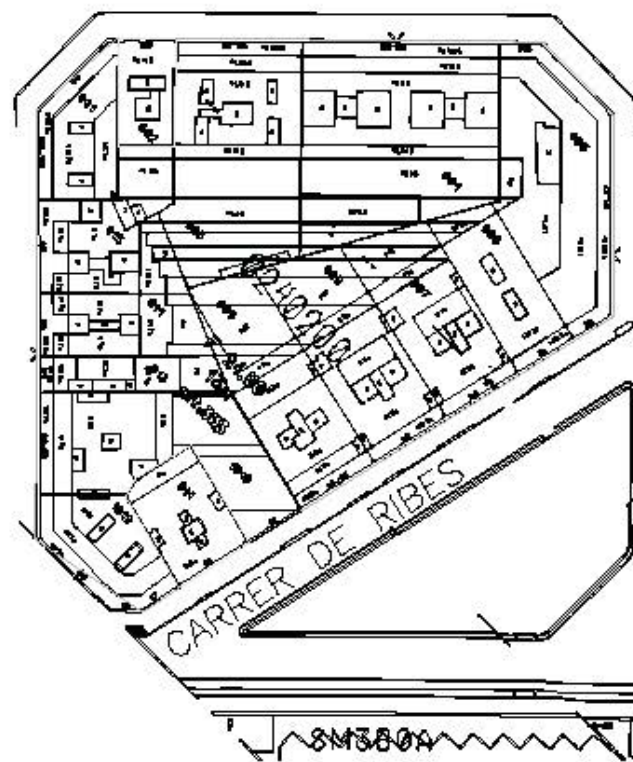
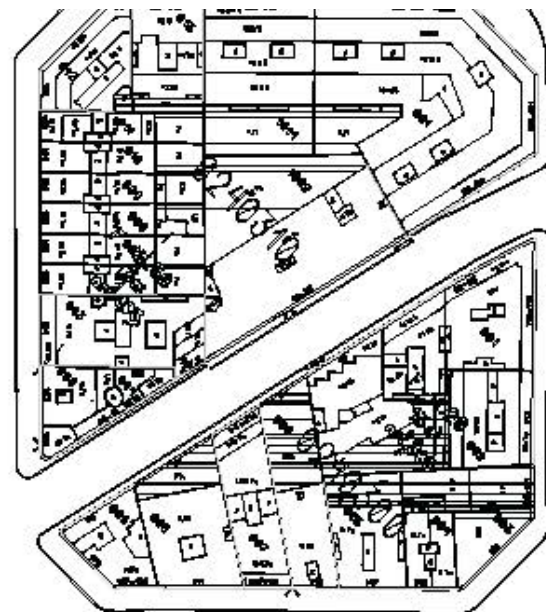
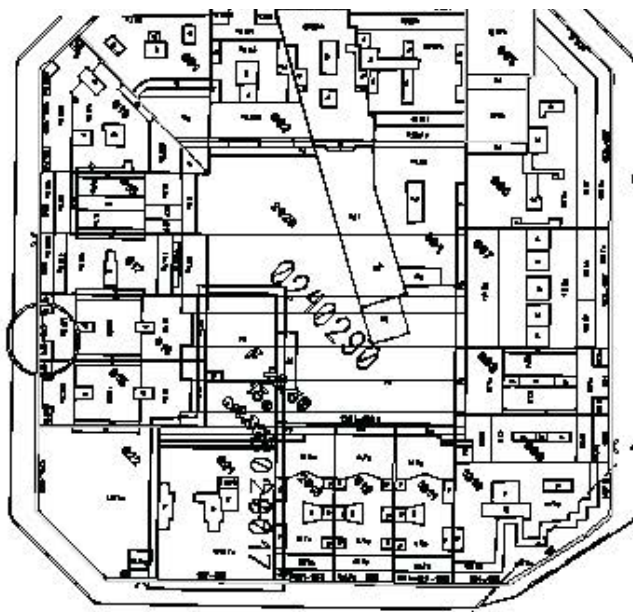
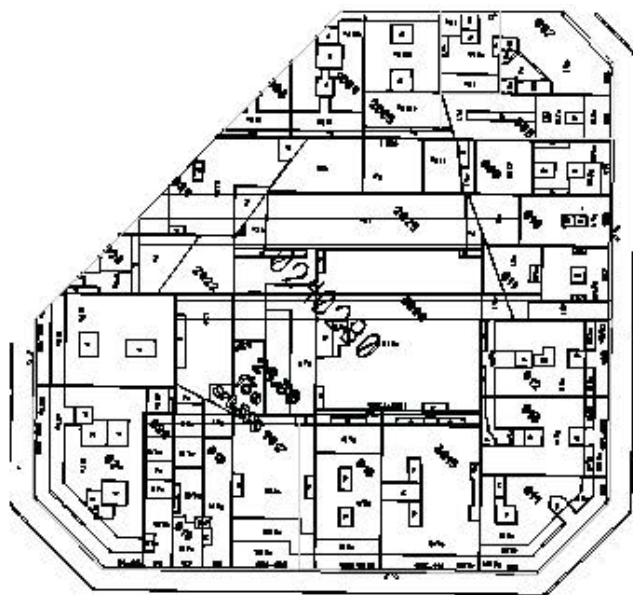




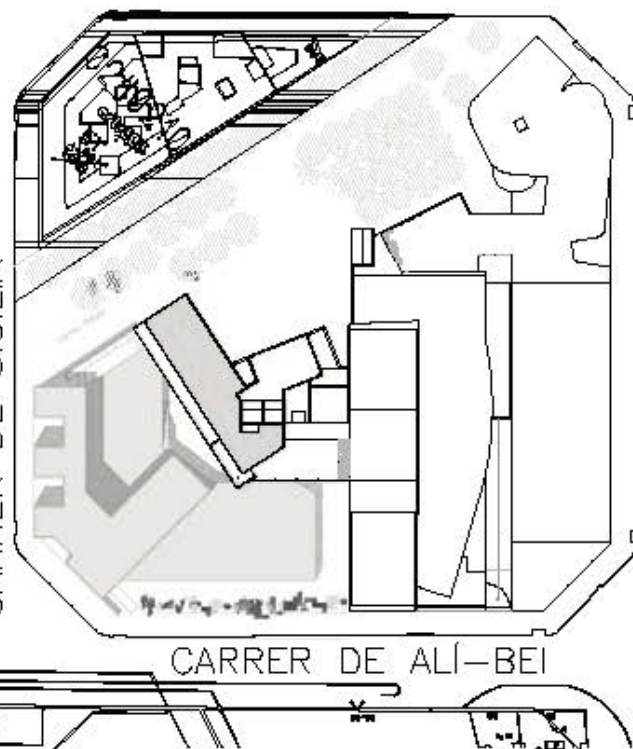
V. Respostes globals per a un món global
5. Global answers for a global world



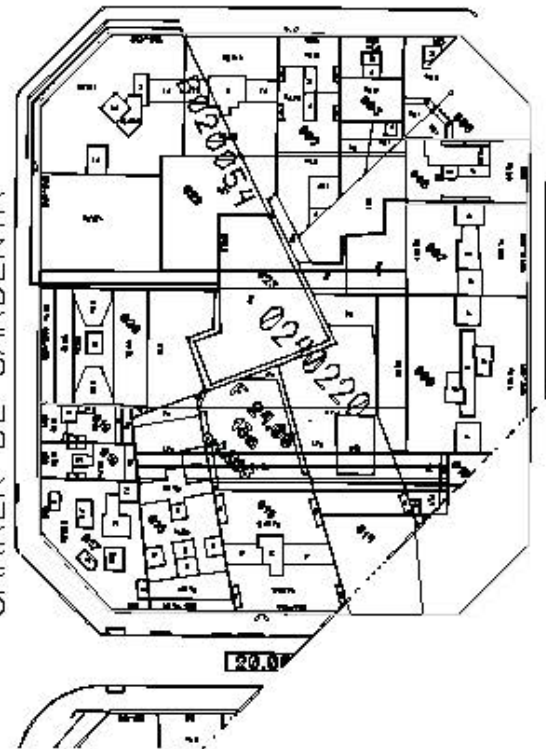


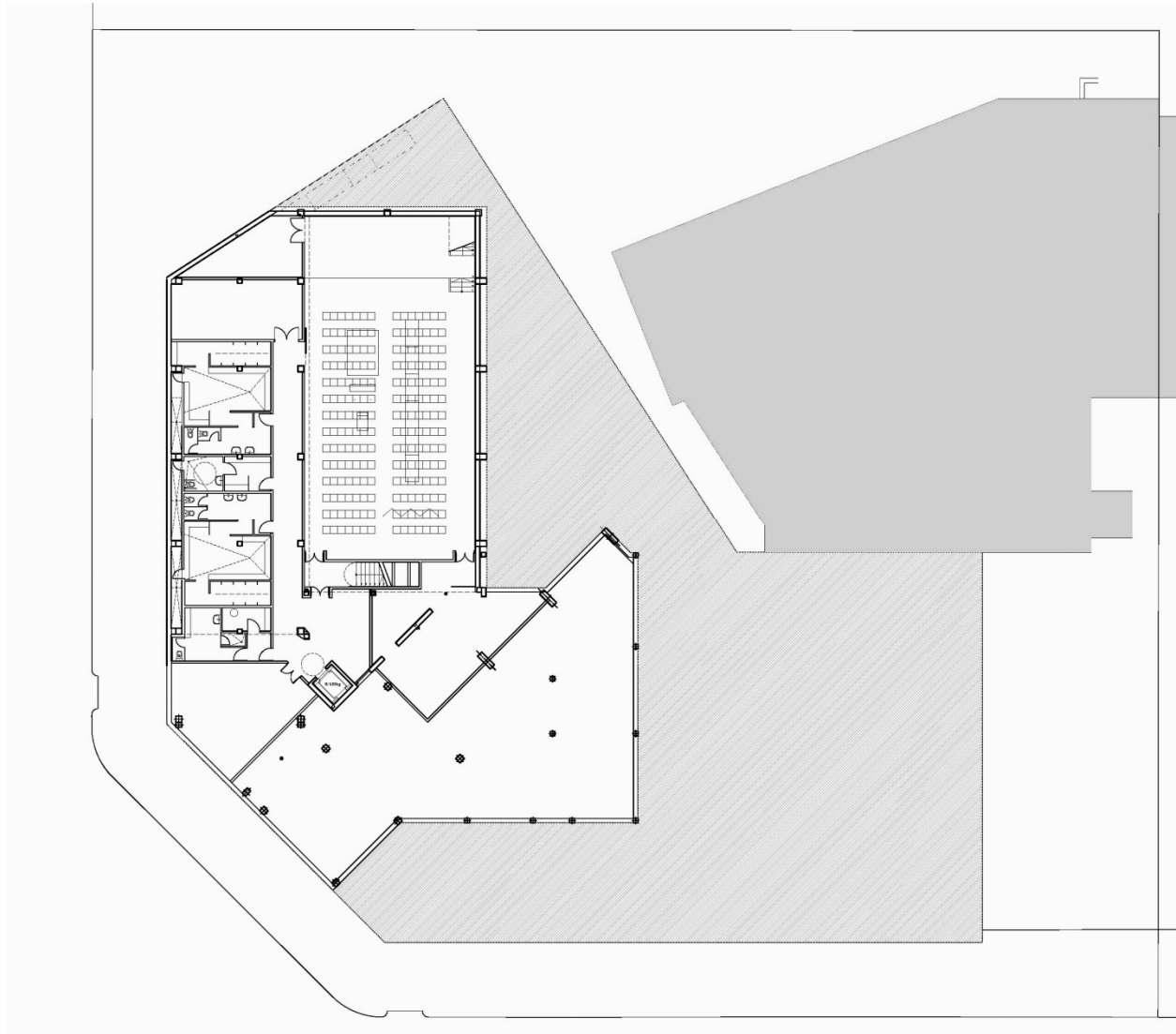


CARRER DE SICILIA

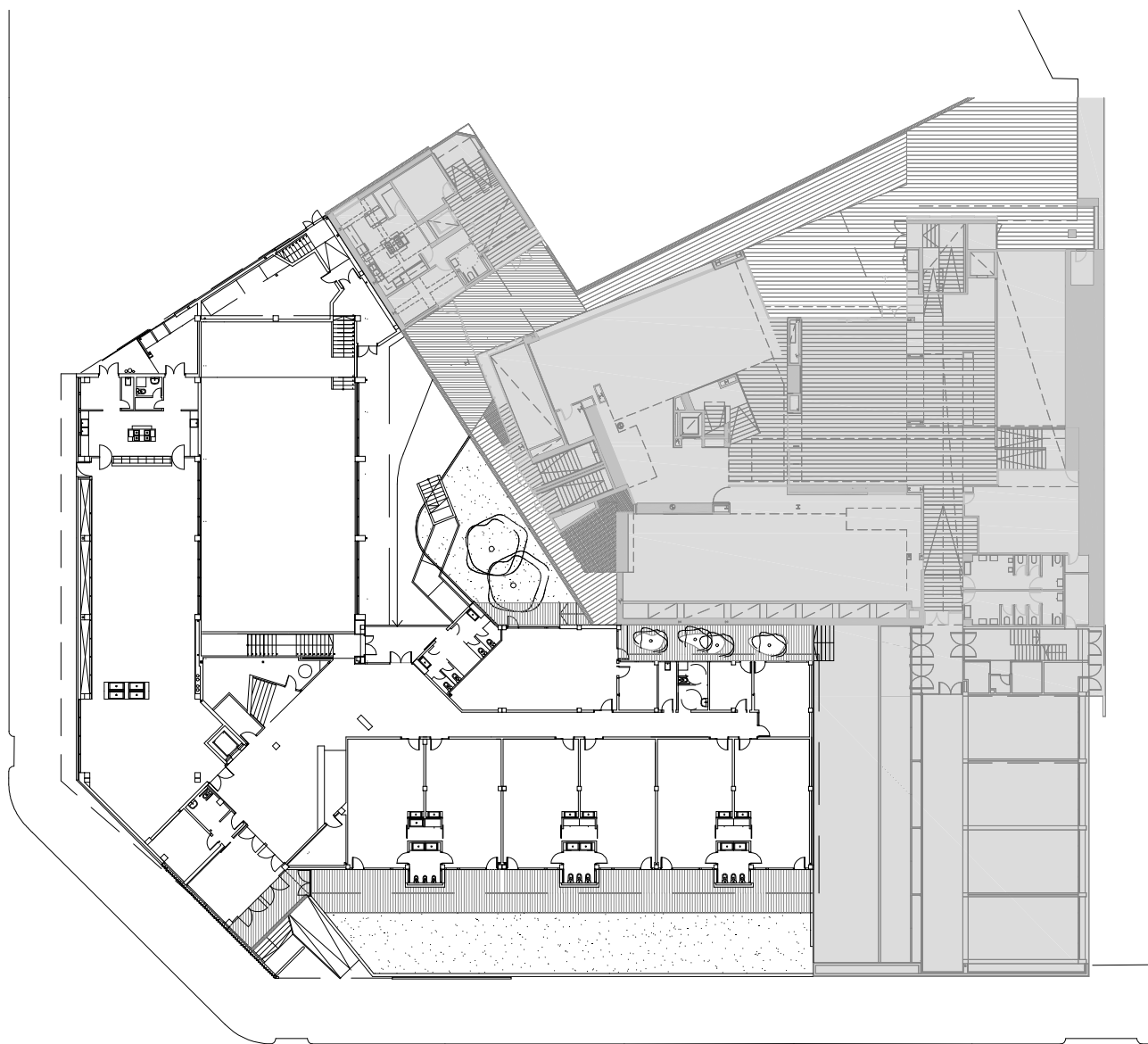


CARRER DE SARDENYA

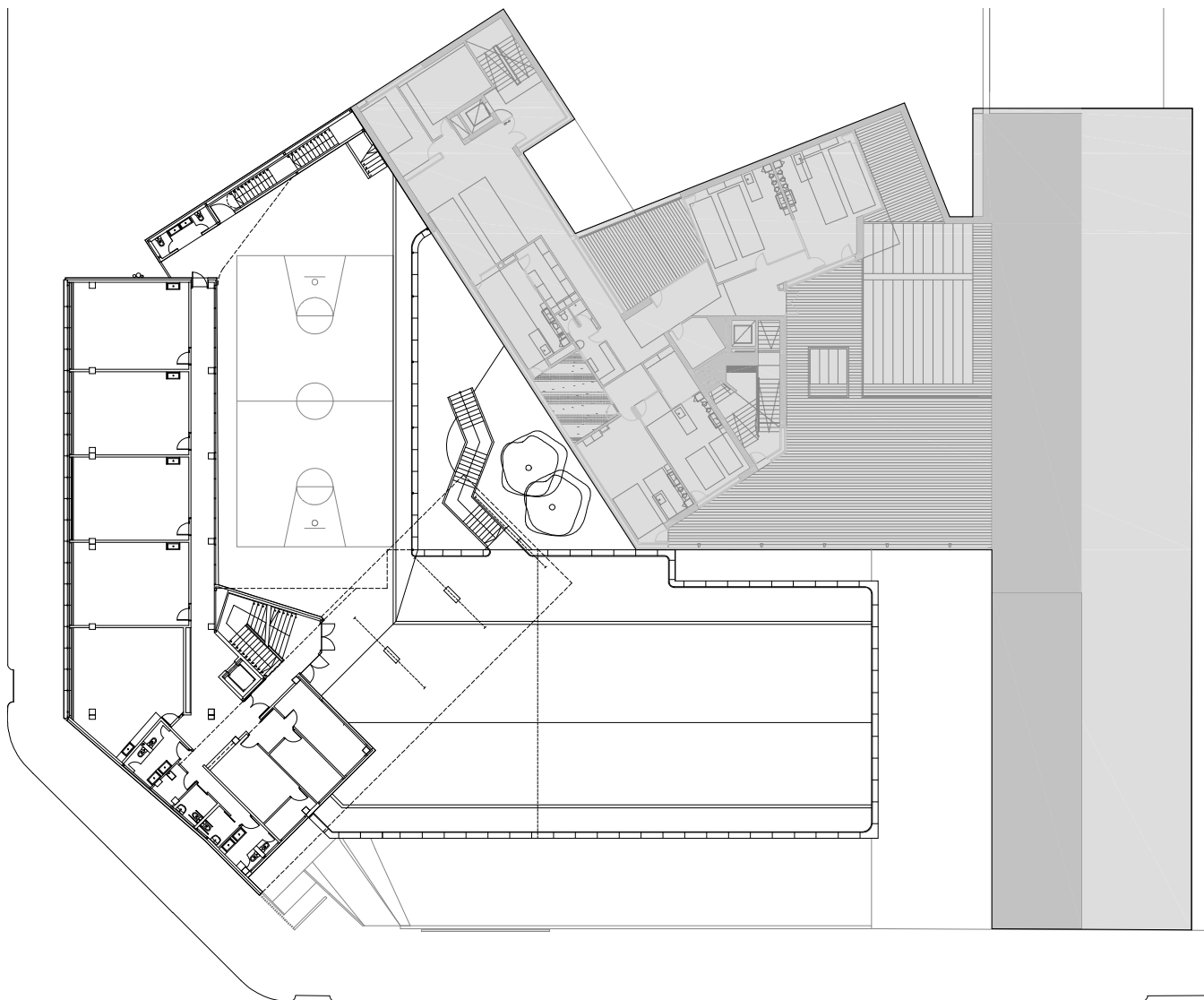




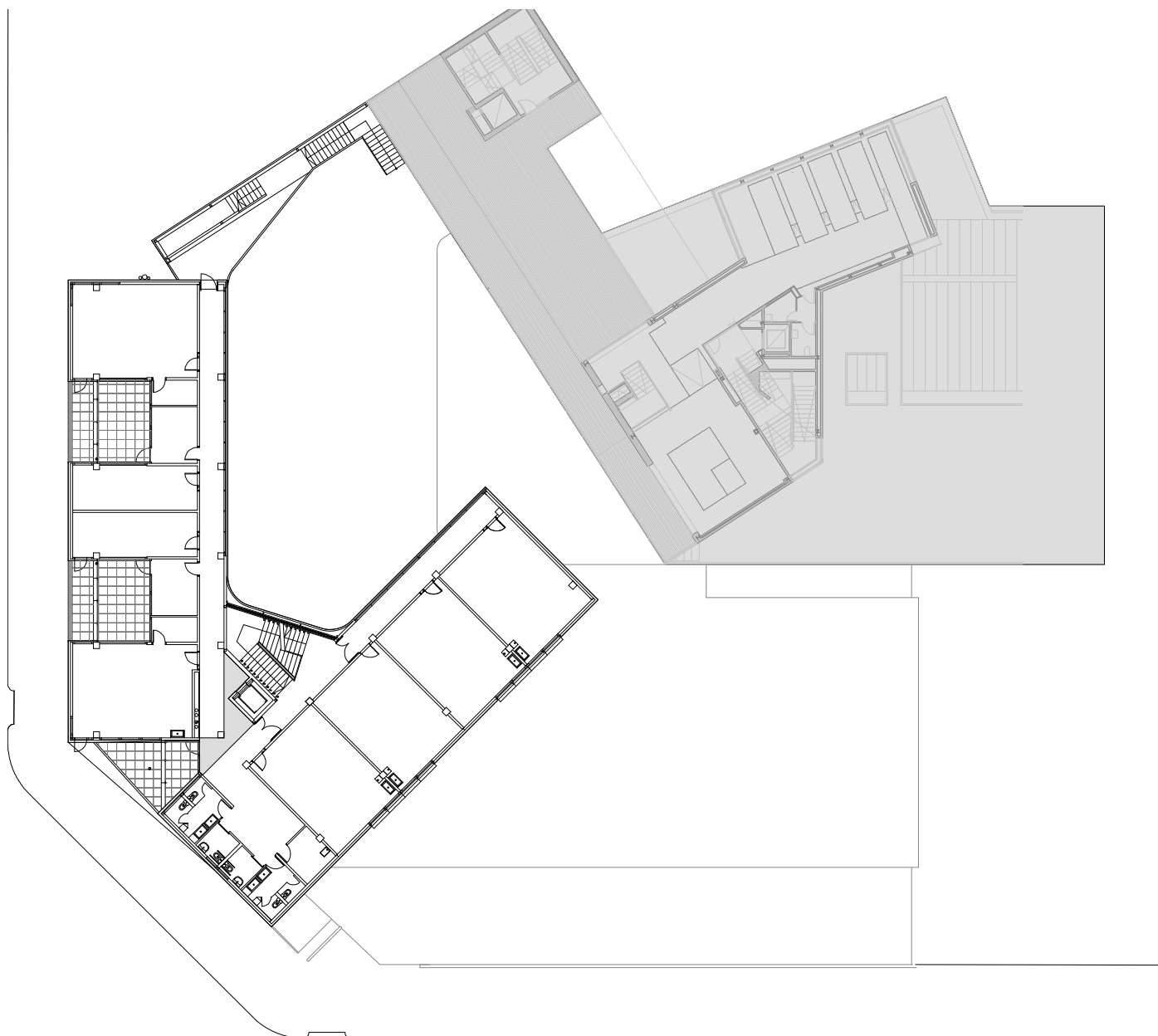
planta -1



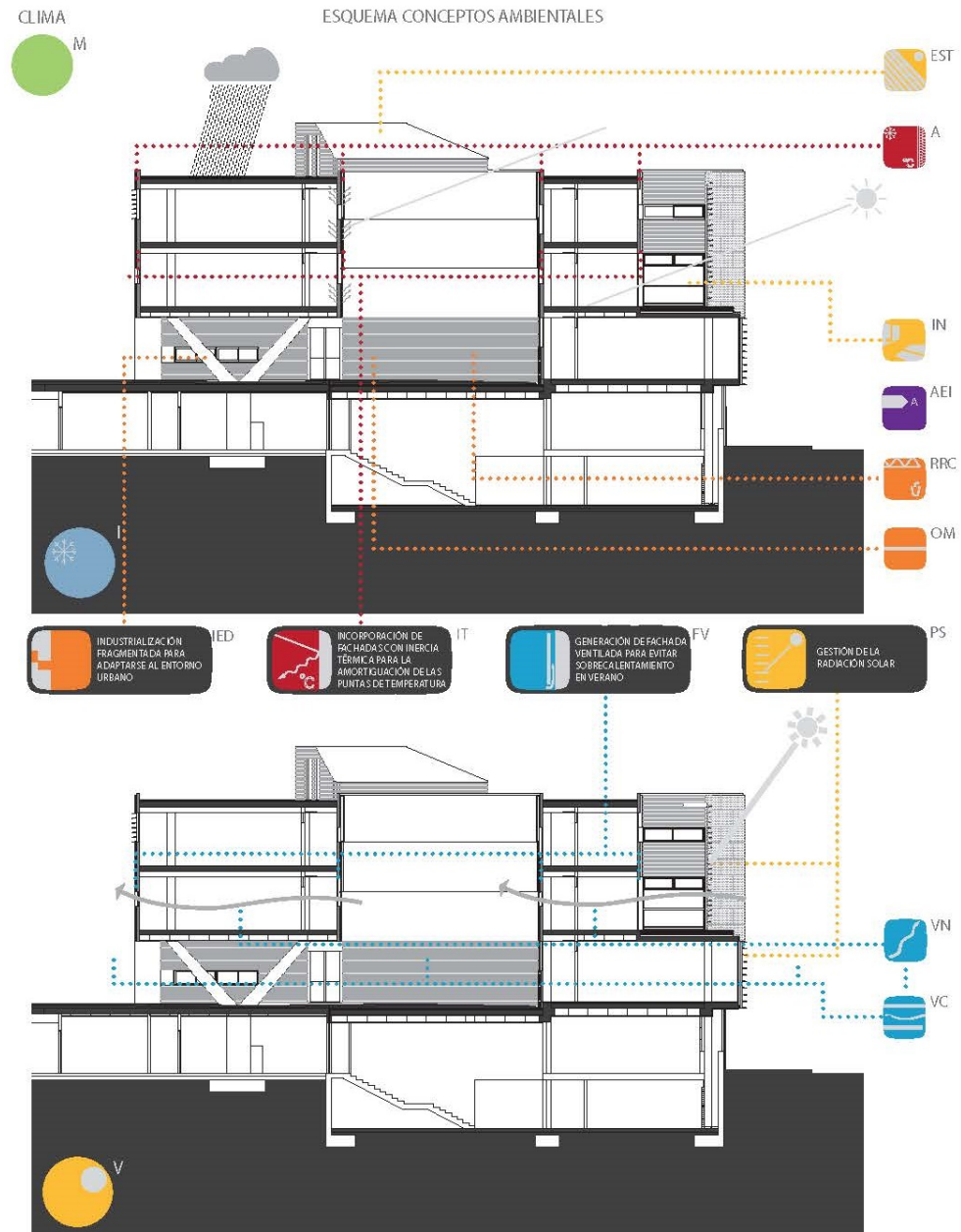
planta baja



planta1



planta 2



M mediterráneo_C continental_I invierno_V verano_R rehabilitación_RR reducción de residuos_MR materiales reciclados_OM optimización materiales_IED industrialización ensamblaje-desensamblaje_AAL Almacenamiento aguas lluvia_IV incorporación vegetación_EI espacio intermedio_VC ventilación cruzada_VN ventilación natural_T termodinámica_FV fachada ventilada_A aislamiento_IT inercia térmica_AEI alta eficiencia instalaciones_D domótica_IN iluminación natural_PS protección solar

ENVIRONMENTAL INFORMATION / EKOLOJİK BİLGİLER



CLIMATIC DATA		INTERIOR COMFORT DATA	
WINTER	SUMMER	WINTER	SUMMER
AVERAGE T: 10°C	AVERAGE T: 22°C	COMFORT T: 21°C	COMFORT T: 25°C
AVERAGE RH: 69%	AVERAGE RH: 67%	COMFORT RH: 45%	COMFORT RH: 60%

PASSIVE STRATEGIES: Insulation, thermal inertia, solar protections, adequate form factor, optimum orientation.

ACTIVE STRATEGIES: Thermo-solar panels, energetic efficient equipments and low consumption.

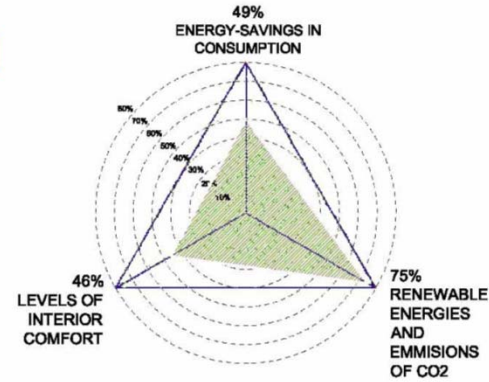
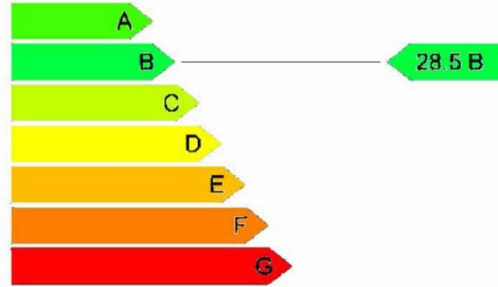
ENERGY CONSUMPTION	TRADITIONAL BUILDING	OSA BUILDING	SAVING
Heating	368700 kWh/year	284061 kWh/year	23%
Sanitary Hot Water	2150 kWh/year	1887 kWh/year	12%
Electricity	89241 kWh/year	50070 kWh/year	44%
Cooling	5057 kWh/year	0 kWh/year	100%
Other Systems	21087 kWh/year	14221 kWh/year	33%
TOTAL	486235 kWh/year	350239 kWh/year	28%



ENVIRONMENTAL INFORMATION / EKOLOJİK BİLGİLER



BUILDING'S ENERGETIC CATEGORY



BUILDING'S ENERGETIC CATEGORY

	CLASS	kwh/m2	kwh/year
HEATING NECESSITIES	C	81.2000	284061.0000
COOLING NECESSITIES	A	2.0000	6996.0000
	CLASS	kgCO2/m2	kgCO2/year
HEATING CO2 EMISSIONS	B	15.5000	54223.0000
COOLING CO2 EMISSIONS	A	0.0000	0.0000
HOT WATER CO2 EMISSIONS	A	1.2000	4197.0000
LIGHTING CO2 EMISSIONS	B	11.8000	41279.0000
TOTAL CO2 EMISSIONS			99701.0000

DATA FOR CLASSIFICATIONS ENERGY EFFICIENCY

	OBJECT BUILDING	
	/ square meter	ANNUAL
FINAL ENERGY CONSUMPTION (Kwh)	100.1000	350239.0000
PRIMARY ENERGY CONSUMPTION (Kwh)	130.2000	455351.2000
TOTAL EMISSIONS CO2 (KgCO2)	28.5000	99701.2000



