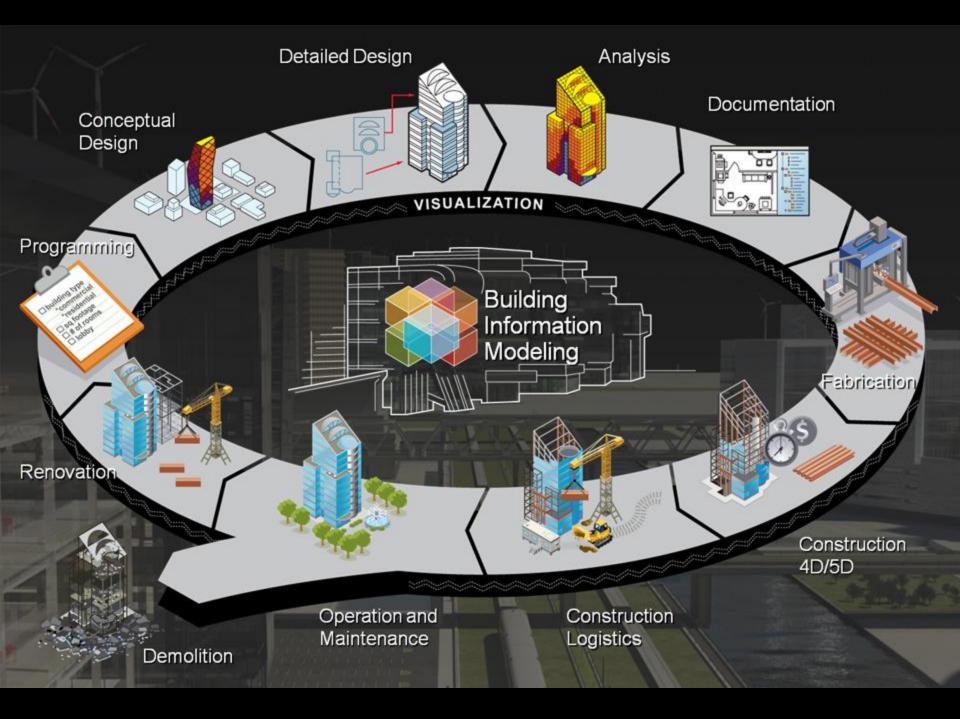
# 4. Uluslararası İnşaatta Kalite Zirvesi 2012

İnşaat Endüstrisinde Rekabetin Yeni Trendleri

Y. Mimar Kerem Erginoğlu

13.11.2012



















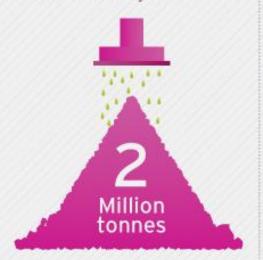
# Sustainability

Across the lower Lea Valley, once scarred by disused industrial sites, a new urban park for the 21st century is taking shape, creating a new ecology of wildlife, plants and woodlands.



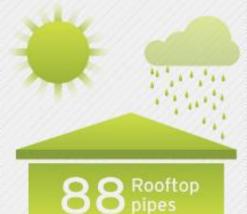
### Improving the environment

2 million tonnes of soil were cleansed of pollutants, and 80% of this was reused on site during the build.



#### Green venues

88 rooftop pipes on the Copper Box, home of Handball and Goalball, roof will create natural lighting and harvest rainwater.



### Innovative design

The lightest Olympic Stadium ever built, containing just 10,000 tonnes of steel.



## Protecting wildlife

Over 2,000 newts were re-homed from across the lower Lea Valley during the Olympic Park build.



## Creating habitats

The Park contains 525 bird boxes and 150 bat boxes home to thousands of species of birds and bats.



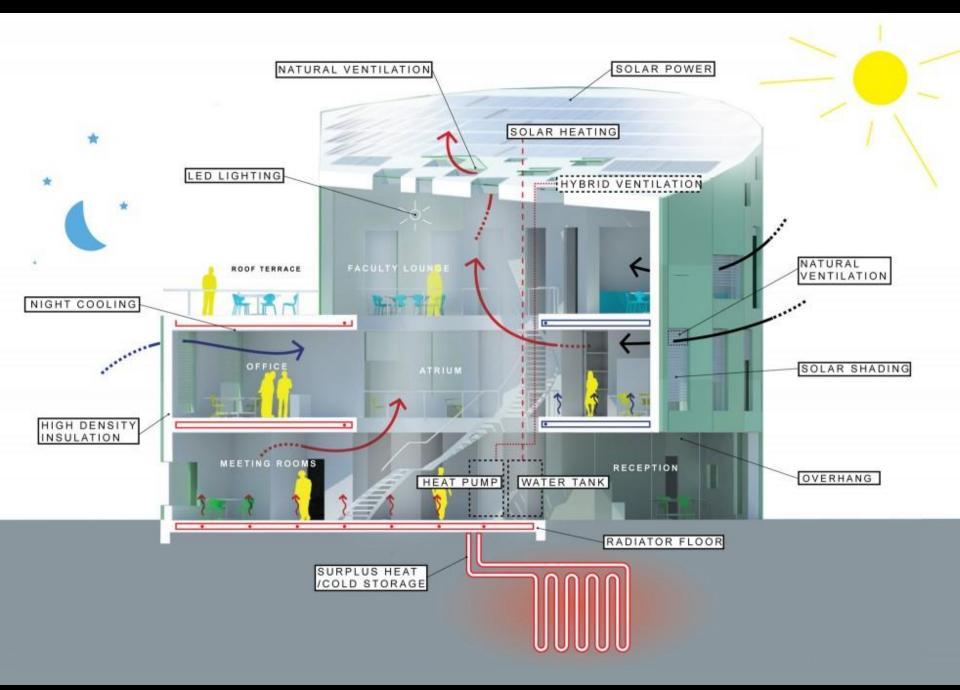
#### Grass roots

120,000 plants from 250 different species around the world have been planted in the London 2012 parklands.

120,000 plants 🔕





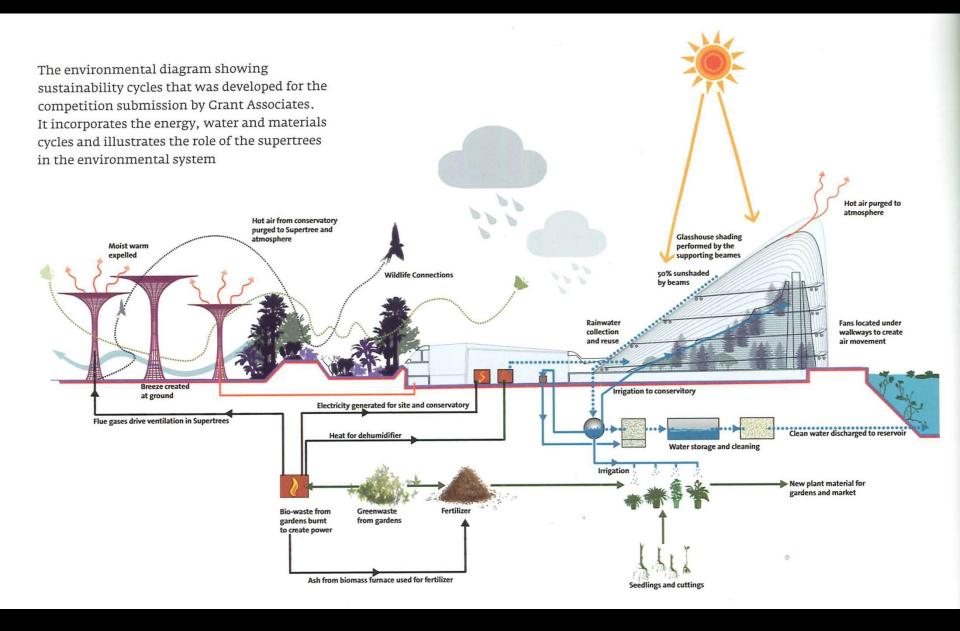


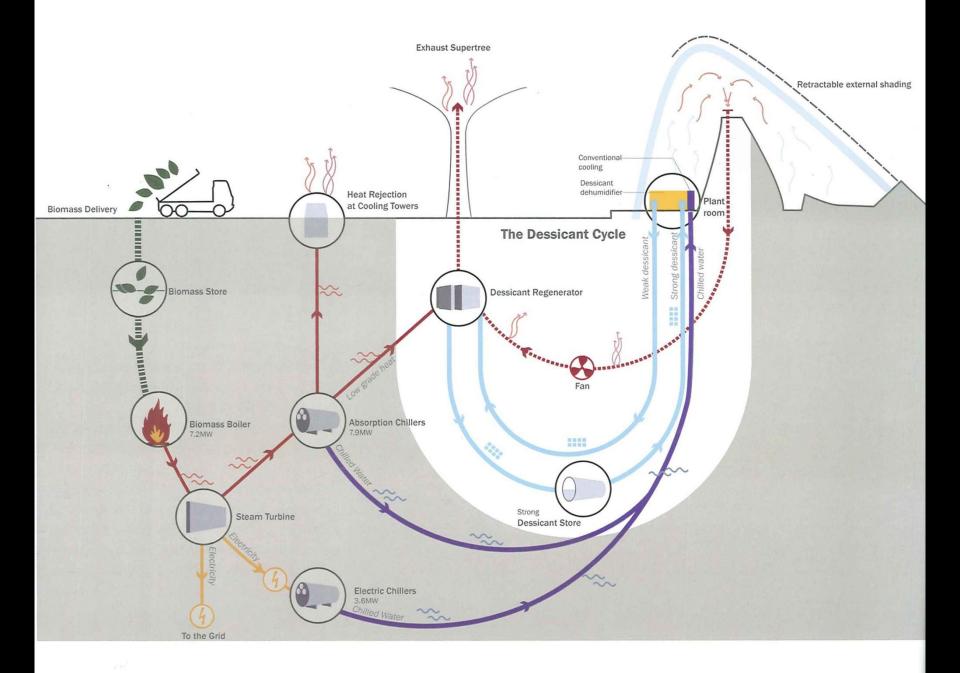


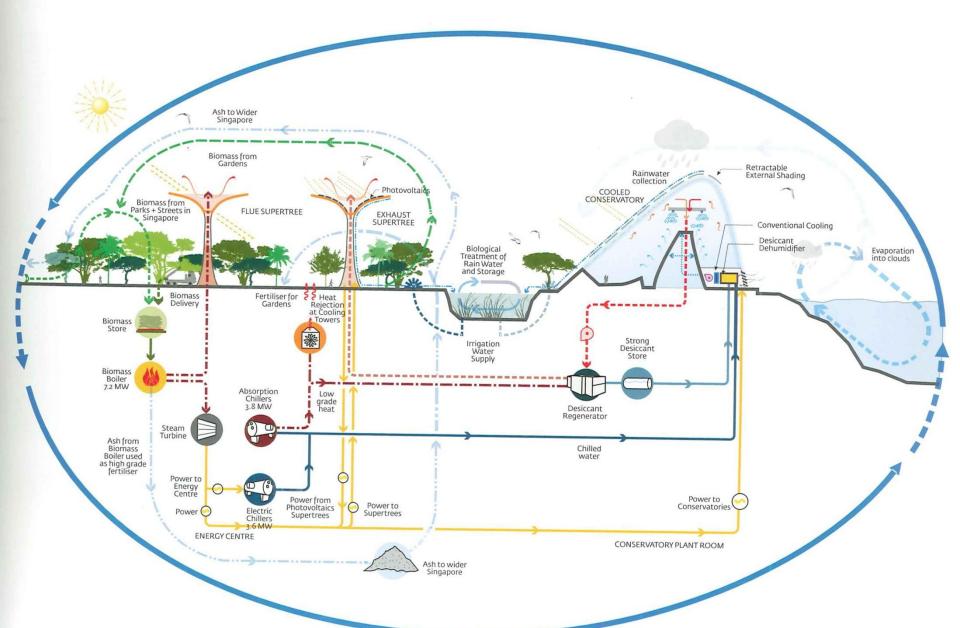




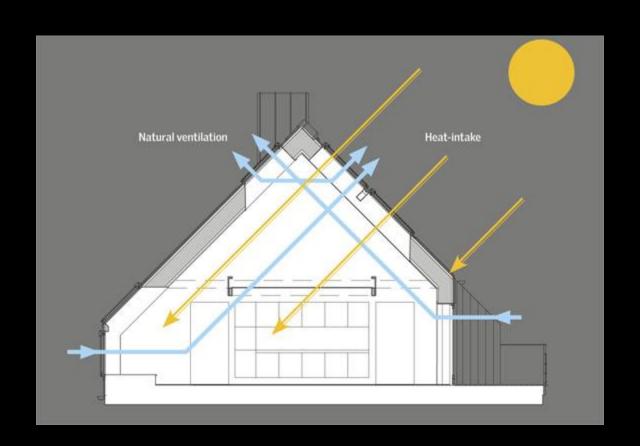




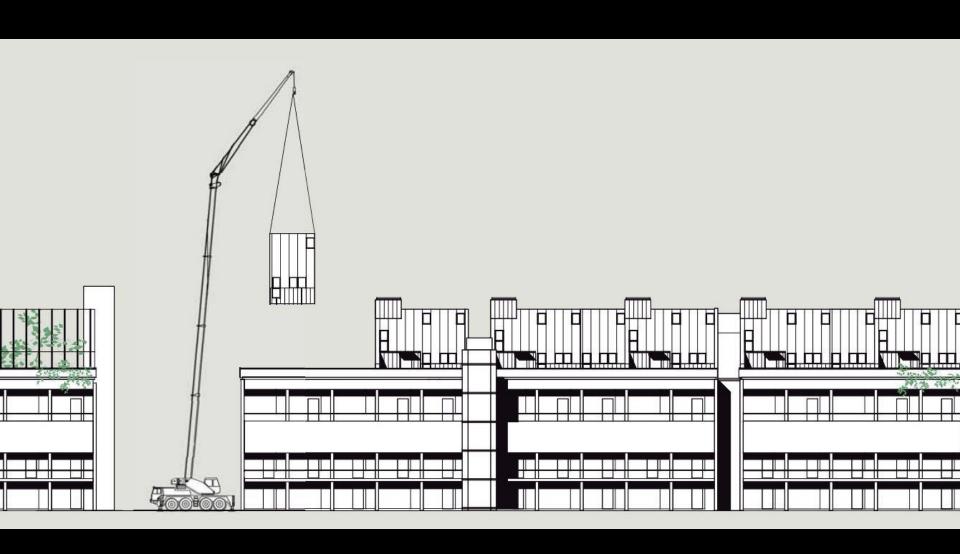














INFRASTRUCTURE

# Vascar CityThe world's first zero-carbon city Being constructed in the United Arab Emirates





Costing USD\$22bn

work initiated due to be competed in

home to 50,000 people 1,500 businesses 60,000 workers expected to commute daily

Automobiles will be banned within the city; travel will be accomplished via public mass transit and personal rapid transit systems, with existing road and railways connecting to other locations outside the city









will be recycled or re-purposed for other uses. Masdar Main Street







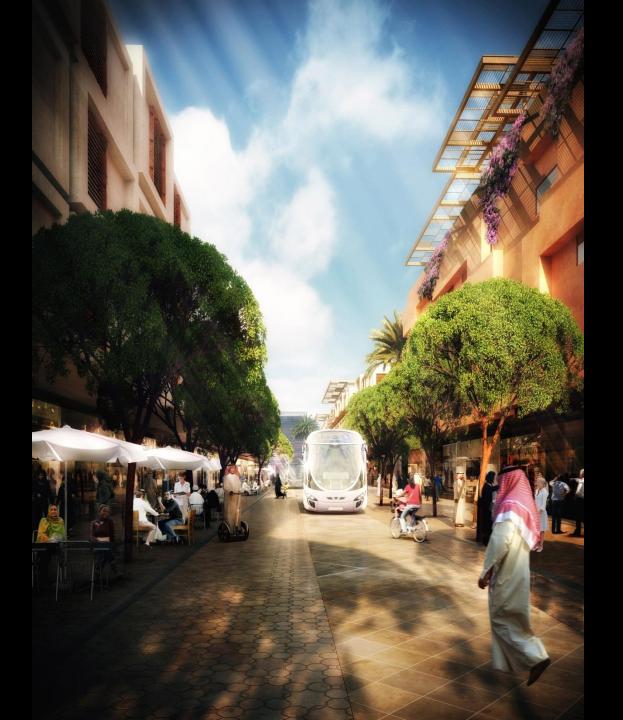
Masdar Institute



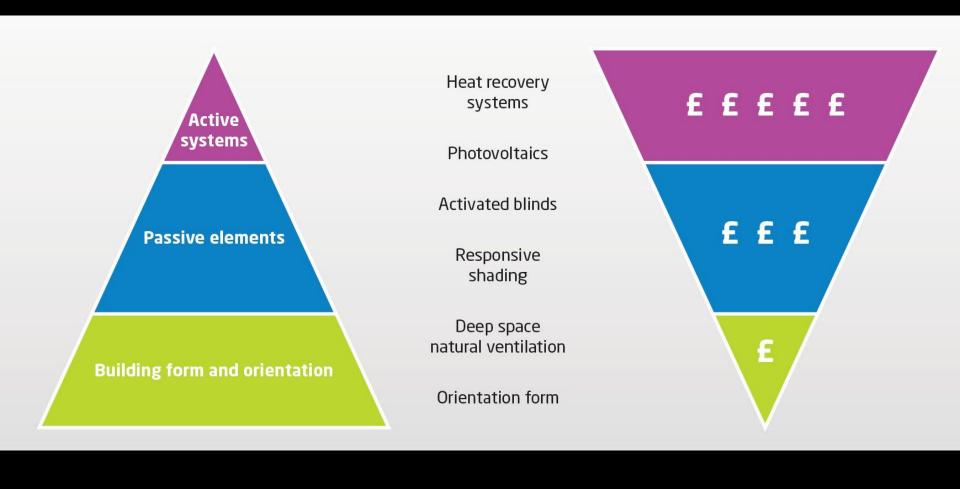












		<u>Donanım</u>	Motor(cc)	Beygir(HP)	Tork(Nm)	<u>Ş.İ</u>	<u>Ş.D</u>	ORT.	2011	2012
Opel	Corsa	Essentia	1,3	75	170	5,8	3,9	4,6	36.633	37.547
Ford	Fiesta	Trend	1,4	70	160	4,8	3,6	4,1	34.605	37.790
VW	Polo	Trendline	1,2	75	180	4,6	3,3	3,8		38.200
Peugeot	207	Active	1,4	70	160	5,7	3,7	4,4	37.290	39.790
Peugeot	206+	Envy	1,4	70	160	5,4	3,5	4,2	31.750	34.750
Seat	İbiza	Reference	1,2	75	180	4,6	3,3	3,8	36.400	39.000
Renault	Clio HB	Extreme Edition	1,5	65	160	5,3	4,2	4,6	35.350	37.350
Renault	Symbol	Authentique	1,5	65	160	5,4	4	4,5	30.950	34.400
Citroen	C3	Attraction	1,4	70	160	5,3	3,8	4,3	35.600	37.050
Skoda	Fabia	Ambiente	1,6	90	230	5,1	3,6	4,2	37.300	
Toyota	Yaris	Fun	1,4	90	205	4,9	3,6	4,1		43.400
Fiat	G.Punto		1,3	75	190	6,2	3,5	4,5	33.112	34.749
Fiat	Punto Evo	Active	1,3	75	190	5,2	3,5	4,1	34.901	36.627
Chevrolet	Aveo HB	LS	1,3	75	190	4,3	3,4	3,8		35.632
Chevrolet	Aveo Sedan	LS	1,3	75	190	4,2	3,3	3,7		35.932
Hyundai	i20Troy	Team	1,4	75	225	5,1	3,8	4,2		35.200
Hyundai	Accent Era	Start ABS ESP	1,5	110	235	5,6	4	4,6		33.700
Kia	Rio	Natty	1,4	90	220	5	3,8	4,3		39.050

FİYAT(TL)

Yakıt Tüketimi(lt/100km)

# THE CARS

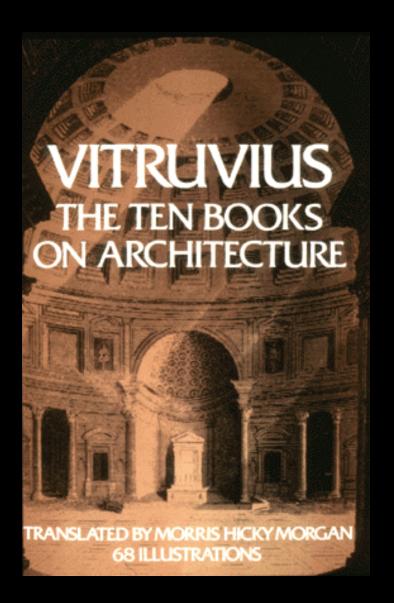
# 2011 Petrol-powered Renault Fluence

184g CO<sub>2</sub> emitted per km travelled.<sup>1</sup>

## 2011 Electric Renault Fluence ZE

- The battery stores 22 kWh of useable electricity for a range of 160 km.<sup>2</sup>
- Charged using either:





breeam



