

2050

Hanging gardens cuts down on energy required to cool buildings



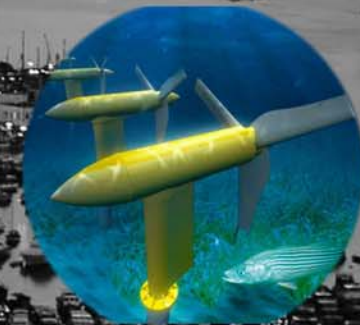
Photovoltaic cell efficiency to be as high as 70% by 2050



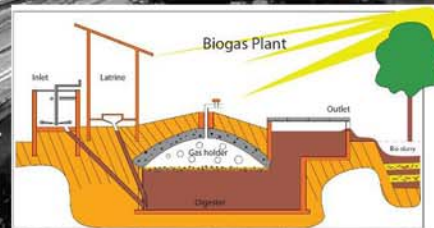
Total energy production by wind power is projected to exceed more than 459.9 TWh



China is the largest hydroelectricity producer, with 721 terawatt-hours of production in 2010, representing around 17 percent of domestic electricity use



Electric vehicle population to grow as much as 50% as compared to 2010



Biogas is produced by the anaerobic digestion with anaerobic bacteria or fermentation of biodegradable materials such as manure, sewage, municipal waste, green waste, plant material, and crops