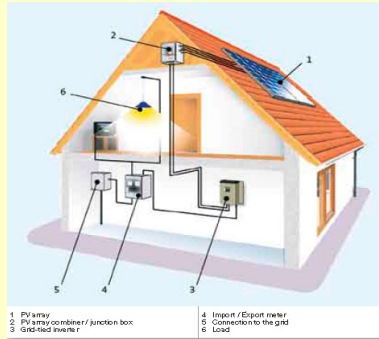


Renewable Energy Implementation in SOCAR fields Creating New “Environmental Park”



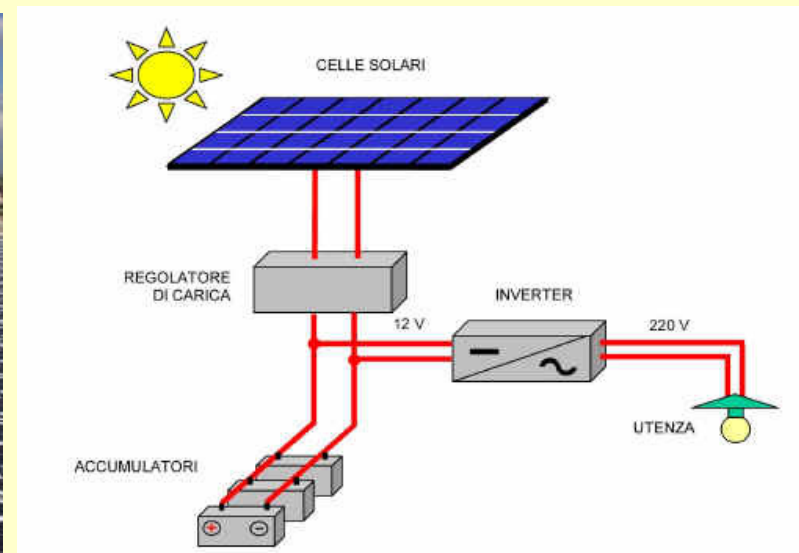
Introduction

- **Brief info regarding Existing Renewable Energy Sources and the possibility to use in SOCAR's production fields**
- **Creation of "Environmental Park"**
- **Implementation of Renewable Energy Sources in SOCAR's fields**



Solar Energy

The quantity of Sun lights are more than all reserves of crude oil, gas and coal.
The effectiveness and advantage of solar energy is no Co2 emission into atmosphere.



Wind Energy and Importance of Wind Power



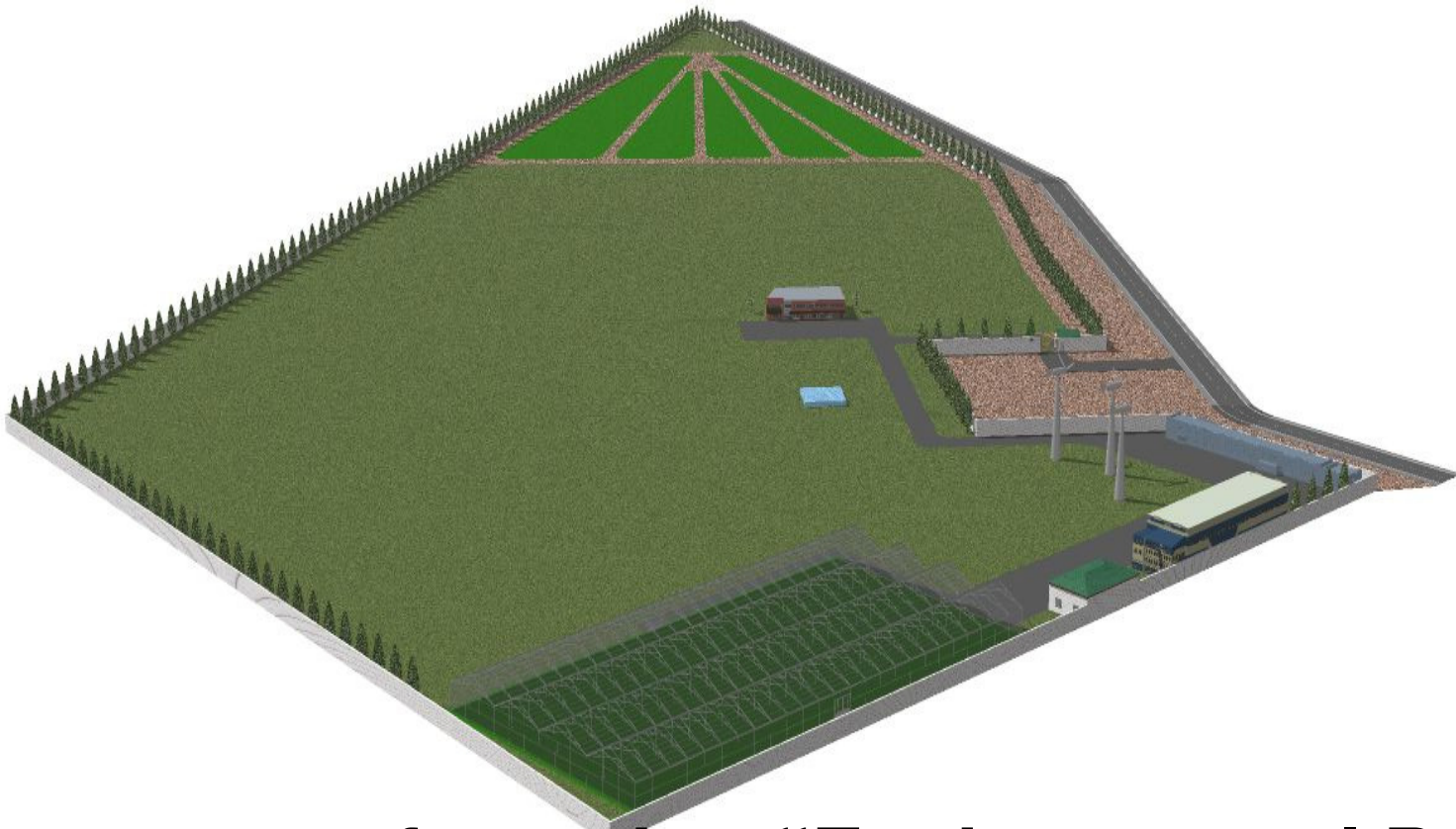
Among different renewable energy sources for the production of electricity, wind is the one nearest to generalized competitiveness. Where the wind regimes are favourable, electricity from wind power stations is already no more expensive than electricity generated from fossil fuel power stations for which all the precautions for the protection of the environment have been adopted.



“Environmental Park”



SOCAR has already started creation of new “Environmental Park” on the total area 9.3 ha
Tagiyev
Oil & Gas production field.



Main purpose of creation “Environmental Park”

Wind power turbine to be installed in Park



Wind Power system :

Windgenegators

Area

Technical service period

Lifecycle

Height

- 30 kw
- 100 m²
- 2 years
- 10 years
- 5 -10 m

Solar collectors to be installed in “Park”

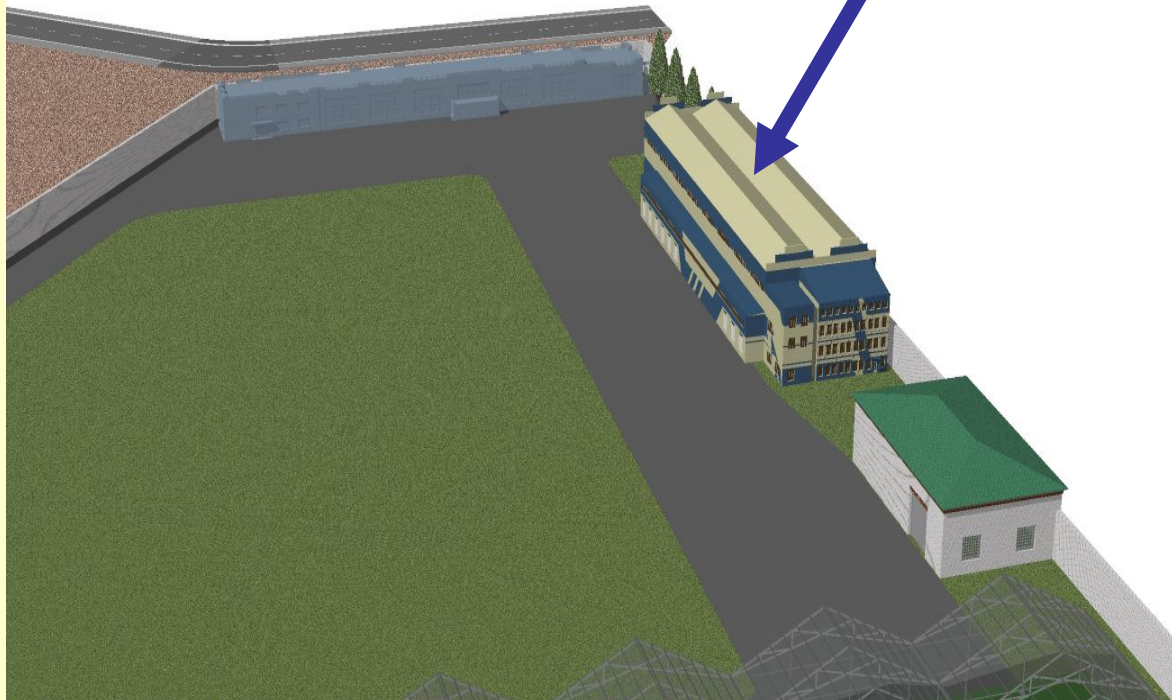


Solar Energy System :

Solar module - 20 kw

Lifecycle - 20 year

Area - 75 m2



Nursery/Farm



Nursery area



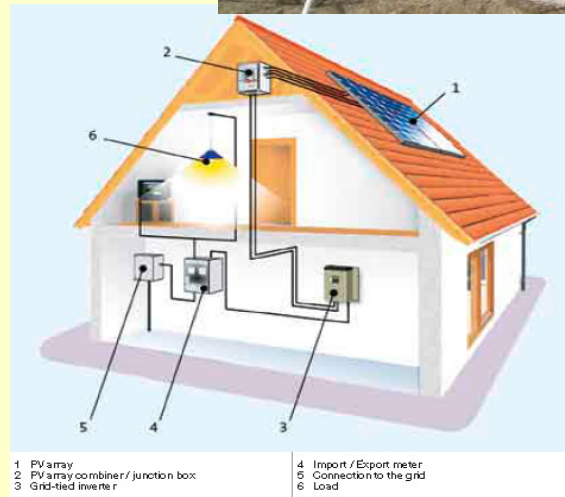
- 50x100m

Future Renewable energy projects in SOCAR



Future Renewable energy projects in SOCAR

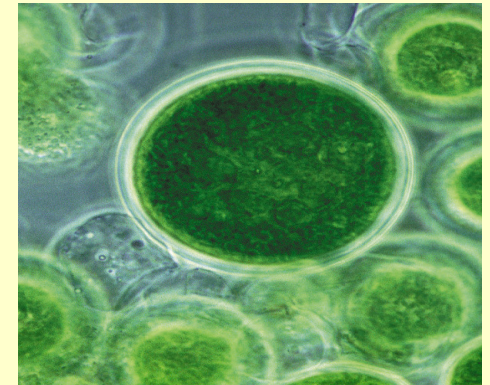
According to investigation made by experts there are 300 Sunny days in Azerbaijan. Taking into account this figures there is a big possibility to use Solar Energy system also in SOCAR's production fields.



Biomass and Bio-Energy



Geothermal Energy



Conclusion

The first priority in moving towards a sustainable energy system is to increase the efficiency of energy use. This consists in obtaining the same results in terms of energy services with less energy.

Efficiency can be improved - and energy can thus be saved – in all types of energy utilisation, and, since energy is used in all human activities, essentially one can save energy in all human activities.



Thank You!