







FARMLAND

FOREST

RURAL AREAS

PERMAFROST

DESERT

FRESHWATER

ICE

SALTWATER



FARMLAND





MEGATRENDS 2010 - 2050





490 1000

30

2100

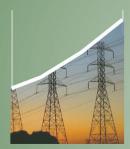
3000

0.7

2550 3125



POPULATION BN PEOPLE



ENERGY CONSUMPTION



ENERGY RELATED CO₂ **EMISSIONS**



DEMAND FOR CEREAL



WATER SCARCITY BN AFFECTED



ARID AREAS HA IN MILLIONS

RESTORATIVE GROWTH





CORE TECHNOLOGIES





EXTENSIONS



SALT PONDS

ALGAE AND
MARICULTURE

PHOTOVOLTAICS

DESALINATION









QATAR PILOT PLANT

A NUMBER OF TECHNOLOGY FIRST'S















RESULTS



Yields in pilot stage competitive with leading European greenhouse operations

Water usage is half of comparable greenhouses in the region

Year-round production of high quality crops

Greenhouse and evaporative hedges provided wet-cooling efficiencies without cooling towers for the Concentrated Solar Power facility

19 desert plants and vegetable and grain crops successfully cultivated outdoors throughout the year



MATCHING YEARLY IMPORT TO QATAR



Cucumbers

8 hectares of greenhouse production

Cucumbers, tomatoes, peppers and aubergines 60 hectares of greenhouse production

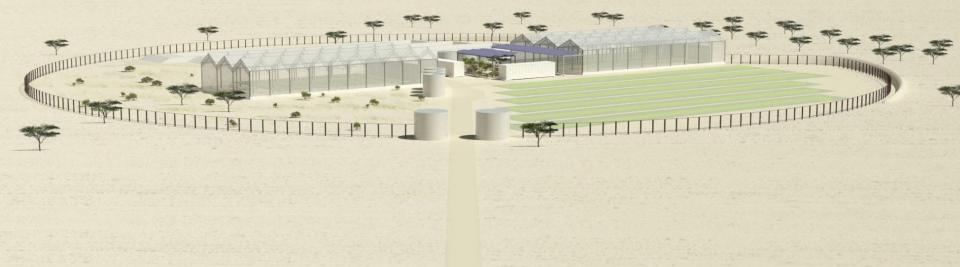




JORDAN LAUNCH STATION











ENABLING RESTORATIVE GROWTH

www.saharaforestproject.com













