Achieving the Sustainable Development Goals
In the Islamic Republic of Iran

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THE WORLD HAS ENTERED THE 
**AGE OF SUSTAINABLE DEVELOPMENT** 
WITH THE ADOPTION OF THE 
**SUSTAINABLE DEVELOPMENT GOALS** 
AT THE UNITED NATIONS 
ON SEPTEMBER 25 2015 AND 
THE PARIS CLIMATE AGREEMENT 
ON DECEMBER 12 2015

THE GOVERNMENT OF THE ISLAMIC REPUBLIC 
OF IRAN PLAYED A KEY LEADERSHIP ROLE
SUSTAINABLE DEVELOPMENT MEANS ECONOMIC DEVELOPMENT THAT IS SOCIALLY INCLUSIVE AND ENVIRONMENTALLY SUSTAINABLE
THE SDGS WILL OPERATE DURING 2016-2030
THE GOVERNMENT HAS LAUNCHED A NATIONAL SUSTAINABLE DEVELOPMENT NETWORK AND A NATIONAL COMMISSION ON THE SUSTAINABLE DEVELOPMENT GOALS WITH KEY ROLES ACROSS ALL NATIONAL MINISTRIES. THE 6TH PLAN WILL INCORPORATE THE SDGS.
GOOD NEWS DURING THE MILLENNIUM DEVELOPMENT GOAL ERA:

SIGNIFICANT PROGRESS IN ECONOMIC GROWTH AND POVERTY
RATE OF EXTREME POVERTY

SUB-SAHARAN AFRICA

WORLD BANK, 2015
NOW THE NOT-SO-GOOD NEWS!
Land & Ocean Temperature Departure from Average Jan–Dec 2015
(with respect to a 1981–2010 base period)
Data Source: GHCN–M version 3.3.0 & ERSST version 4.0.0

Degrees Celsius

Please Note: Gray areas represent missing data
Map Projection: Robinson
VERY HIGH DROUGHT RISK
DUST AND SAND STORMS IN THE PERSIAN GULF
Massive Groundwater Depletion

NASA Satellites Find Freshwater Losses in Middle East

Variations in total water storage from normal, in millimeters, in the Tigris and Euphrates river basins, as measured by NASA’s Gravity Recovery and Climate Experiment (GRACE) satellites, from January 2003 through December 2009. Image credit: NASA/UC Irvine/NCAR. 

Full image and caption
Land Lost to 6M Sea Level Rise, NASA
Emissions are heading to a 4.0-6.1°C “likely” increase in temperature. Large and sustained mitigation is required to keep below 2°C.

BAU: 4-6 degree C

2-degree C

Source: Peters et al. 2012a; Global Carbon Project 2012;
As of 2001, 20 of Iran’s mammal species and 14 bird species are endangered. Among them are the Baluchistan bear (Ursus thibetanus gedrosianus), a subspecies of Asian black bear, Persian fallow deer, Siberian crane, hawksbill turtle, green turtle, Oxus cobra, Latifi’s viper, dugong and dolphins. The Asiatic cheetah is a critically endangered species which is extinct elsewhere and now can only be found in central to northeastern parts of Iran.
SOME KEY STEPS TO ACHIEVE THE SUSTAINABLE DEVELOPMENT GOALS IN IRAN
1. POLICY PLANNING FOR SUSTAINABLE DEVELOPMENT

SDG-BASED PLANNING AND BUDGETING IN THE 6TH PLAN, BASED ON TECHNOLOGY ROADMAPPING, PUBLIC INVESTMENTS, MONITORING, AND INTENSIVE LEARNING CYCLES
2. INVESTMENTS IN TARGETED SECTORS

INFRASTRUCTURE: PORTS, ENERGY, WATER
HUMAN CAPITAL: EDUCATION, SKILLS
INNOVATION CAPITAL: R&D, S&T
NATURAL CAPITAL: GREEN ECONOMY
SOCIAL CAPITAL: SOCIAL TRUST
BUSINESS CAPITAL: RULE OF LAW, HIGH PRODUCTIVITY OF WORKERS AND INFRASTRUCTURE, CLEAR PLANS
Key Infrastructure:

Sustainable Water: Efficiency, Desalination, Retreatment

Sustainable Energy: Wind, Solar, Others

New Silk Road

Smart Grid and ICTs

Youth Education and Training
SHIFTING GEO-ECONOMICS: SHARES OF WORLD GDP

IN 2015:

CHINA = 16.9
JAPAN =  4.3
KOREA =  1.6
US =      16.1
EU =      16.9
THE GREAT SILK ROAD
Iran capacity for wind power

Source: Iran National Environmental Fund
3. GLOBAL NETWORKING

NETWORKS OF UNIVERSITIES, BUSINESS, GOVERNMENT, AND CIVIL SOCIETY TO PROMOTE PRACTICAL SOLUTIONS FOR THE SDGS

(SDSN IS ESTABLISHED FOR THIS PURPOSE)
MEMBERS OF THE SUSTAINABLE DEVELOPMENT SOLUTIONS NETWORK (SDSN)
WORLD-LEADING INNOVATION HUBS AND GREAT UNIVERSITIES AND RESEARCH CENTERS

SCANDINAVIA HAS 19/500 OF TOP UNIVERSITIES, HIGHER PER CAPITA THAN THE US
Needed: Network of the World’s Drylands
4. DEPLOYING THE NEW ICTS

BROADBAND PLATFORMS FOR GOVERNANCE, EDUCATION, HEALTH CARE, SUSTAINABLE INFRASTRUCTURE, E-PAYMENTS, AND SDG DATA
5. GOOD GOVERNANCE AND PUBLIC PARTICIPATION

CITIZEN’S INFORMED ENGAGEMENT IN SDG PLANNING AND IMPLEMENTATION AND INTERFACE WITH GOVERNMENT AND EXPERT COMMUNITIES
6. BUSINESS LEADERSHIP FOR THE SDGS

SUSTAINABLE TECHNOLOGY
CORPORATE RESPONSIBILITY
HIGH INNOVATION
PARTNERSHIP WITH UNIVERSITIES AND GOVERNMENT
7. A SHARED ETHICAL FRAMEWORK FOR SUSTAINABLE DEVELOPMENT

AN ETHOS OF SOLIDARITY, TRANSPARENCY, HONESTY, AND RESPONSIBILITY FOR THE SDGS, LOCALLY, NATIONALLY, AND GLOBALLY
The Sustainable Development Solutions Network looks forward to working with Iran in support of the SDGs

(www.unsdsn.org)