



# **TTEN**

## **D8 Technology Transfer and Exchange Network**



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# D8 Countries Capabilities

# D8 Capabilities: **IRAN**

**GDP:** \$997.4 billion (2012 est.)

**World Rank:** 18<sup>th</sup>

## **Exports - commodities:**

petroleum, chemical and petrochemical products, fruits and nuts, carpets

## **Imports - commodities:**

industrial supplies, capital goods, foodstuffs and other consumer goods, technical services



# D8 Capabilities: **NIGERIA**

**GDP:** \$450.5 billion (2012 est.)

**World Rank:** 31<sup>th</sup>

## **Exports - commodities:**

petroleum and petroleum products  
cocoa, rubber

## **Imports - commodities:**

machinery, chemicals, transport  
equipment, manufactured goods, food  
and live animals



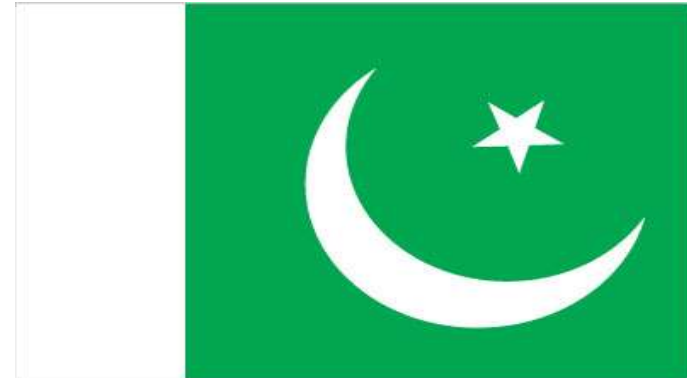
# D8 Capabilities: **PAKISTAN**

**GDP:** \$514.6 billion (2012 est.)

**World Rank:** 28<sup>th</sup>

**Exports - commodities:** textiles (garments, bed linen, cotton cloth, yarn), rice, leather goods, sports goods, chemicals, manufactures, carpets and rugs

**Imports - commodities:** petroleum, petroleum products, machinery, plastics, transportation equipment, edible oils, paper and paperboard, iron and steel, tea





# D8 Capabilities: **BANGLADESH**

**GDP:** \$305.5 billion (2012 est.)

**World Rank:** 44<sup>th</sup>

## **Exports - commodities:**

garments, knitwear, agricultural products, frozen food (fish and seafood), jute and jute goods, leather

## **Imports - commodities:**

machinery and equipment, chemicals, iron and steel, textiles, foodstuffs, petroleum products, cement



# D8 Capabilities: **EGYPTT**

**GDP:** \$537.8 billion (2012 est.)

**World Rank:** 27<sup>th</sup>

**Exports - commodities:** crude oil and petroleum products, cotton, textiles, metal products, chemicals, processed food

**Imports - commodities:** machinery and equipment, foodstuffs, chemicals, wood products, fuels





# D8 Capabilities: **TURKEY**

**GDP:** \$1.125 trillion (2012 est.)

**World Rank:** 17<sup>th</sup>

**Exports - commodities:** apparel, foodstuffs, textiles, metal manufactures, transport equipment

**Imports - commodities:** machinery, chemicals, semi-finished goods, fuels, transport equipment



# D8 Capabilities: INDONESIA

**GDP:** \$1.212 trillion (2012 est.)

**World Rank:** 16<sup>th</sup>

**Exports - commodities:** oil and gas, electrical appliances, plywood, textiles, rubber

**Imports - commodities:** machinery and equipment, chemicals, fuels, foodstuffs



# D8 Capabilities: **MALAYSIA**

**GDP:** \$492.4 billion (2012 est.)

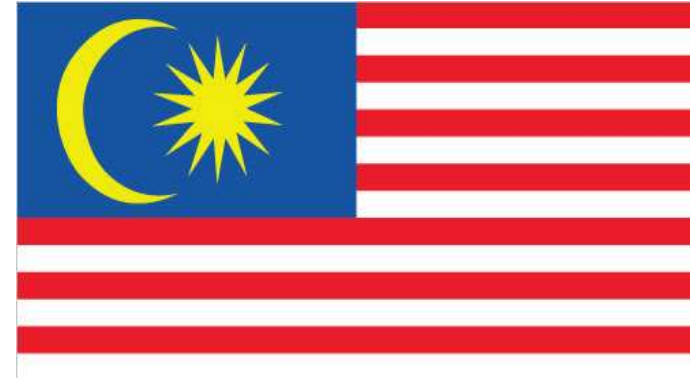
**World Rank:** 30<sup>th</sup>

## **Exports - commodities:**

semiconductors and electronic equipment, palm oil, petroleum and liquefied natural gas, wood and wood products, palm oil, rubber, textiles, chemicals, solar panels

## **Imports - commodities:**

electronics, machinery, petroleum products, plastics, vehicles, iron and steel products, chemicals

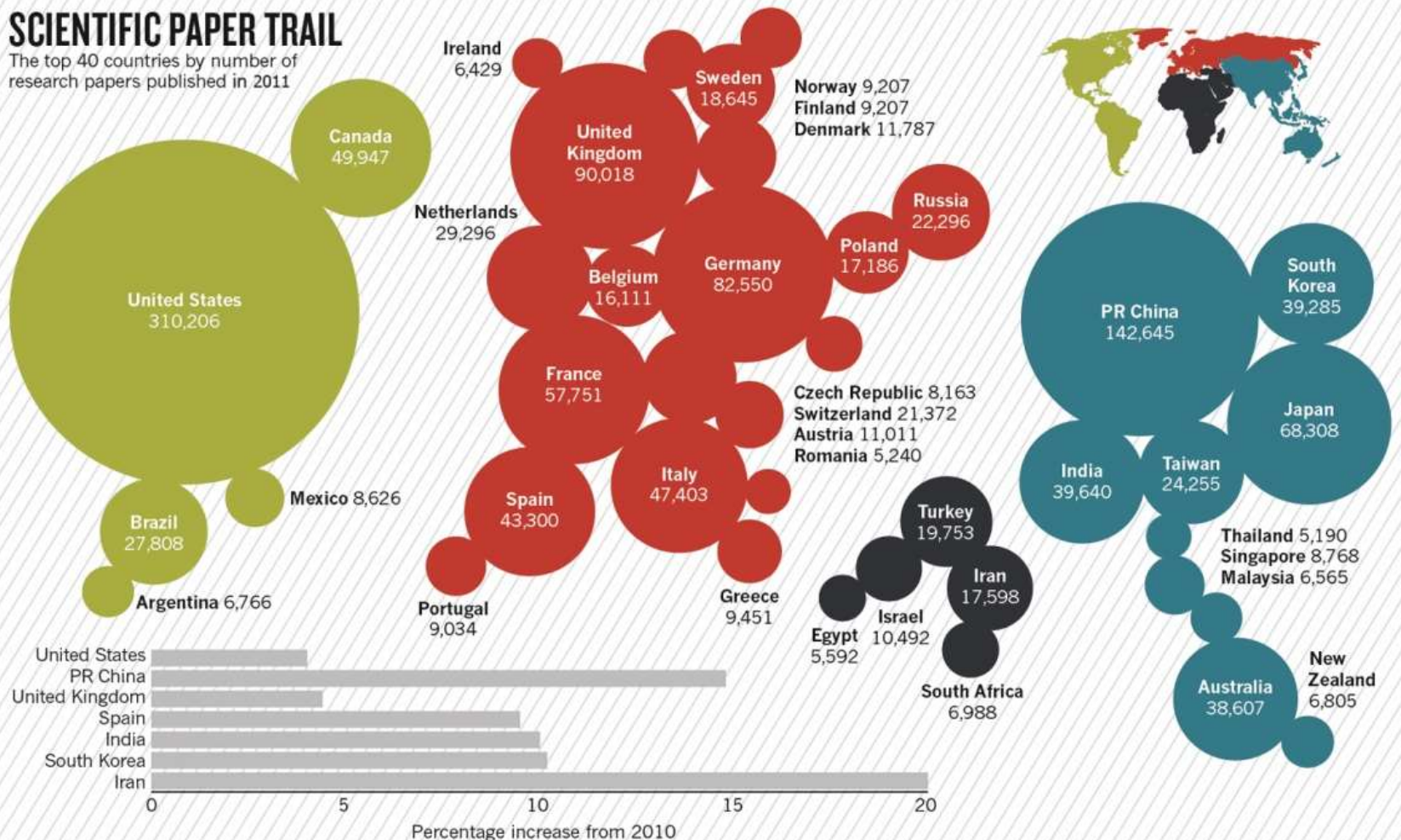




# D8 Capabilities-R&D Status

## SCIENTIFIC PAPER TRAIL

The top 40 countries by number of research papers published in 2011





# TTEN As A Necessity

# A Necessity

## D8 Countries have:

- Different capabilities in Science & Research
- Different capabilities in Technology
- Different Export Potentials
- Different Import Priorities
- Different Market Potentials





# A Necessity

Different  
Capabilities

Different  
Potentials

Different  
Priorities



**Synergy  
Necessity**



# Solution

All we need:

A mechanism:  
To Share Our Knowledge





# TTEN History & Objectives

# What is TTEN

**TTEN (Technology Transfer and Exchange Network) is:**

**A mechanism to SHARE**

- An informative and transaction-enabled network
- A Network Between 8 Developing Countries

➡ • As a Technomart,  
TTEN is an infrastructure to exchange technology information [or] a Technology Market

# TTEN History

The Task Force agreed on the following recommendations:

1. Establishment of a common database of the member countries' capacity in quality infrastructure.
2. Promotion of exchange programmes on training of technical experts.
3. Supporting D-8 member countries in participation in international standardization processes.
4. Establishment of MRA on export quality infrastructure among D-8 member countries.
5. Promotion of harmonization of standards and conformity assessment procedures among D-8 members.
6. Conducting feasibility studies to develop roadmap and recommendation for strengthening of Standardization, Conformity Assessment, Accreditation and Metrology.
7. Emphasis on the need for National Standardization Bodies of D-8 member countries to support each other at international standardization platforms such as ISO and IEC Council, General Assembly and Technical Committees' Works.
8. D-8 member countries should be encouraged to participate in the activities of Standardization and Metrology Institute for Islamic Countries (SMIIC).
9. Development of electronic communication among National Standardization Bodies of D-8 member countries.

## 10. TECHNOLOGY COOPERATION

The Task Force agreed on the following recommendations:

1. Member countries will designate a contact person for the Task Force and communicate the relevant information to the D-8 Secretariat within one month.
2. Development of a web portal for Technology Transfer & Exchange Network (TTEN) – to serve as the technology database for D-8 Member countries (previously proposed by Iran). It was recommended that the web portal to be hyperlinked to D-8 website\*. The project will be financed by Iran and will be made operational within a six-month period.

- The 3<sup>rd</sup> D-8 Ministerial Meeting was held in Dhaka, Bangladesh in 1997.
- The meeting established the D-8 Task Force on Quality Infrastructure.
- The 10<sup>th</sup> D-8 Ministerial Meeting in 2002 established the TTEN.

as held in

Task

point of

# TTEN objectives

Organizing joint  
technology fairs,  
meetings and festivals

Developing databases  
for technology  
products and services

Commercializing  
technology, ideas and  
research

Introducing the  
countries  
technology products  
and services

TTEN

Attracting foreign  
investments

Developing proper  
grounds for  
connecting the D-8  
technology transfer

Attracting supports  
from international  
organizations in order  
to develop

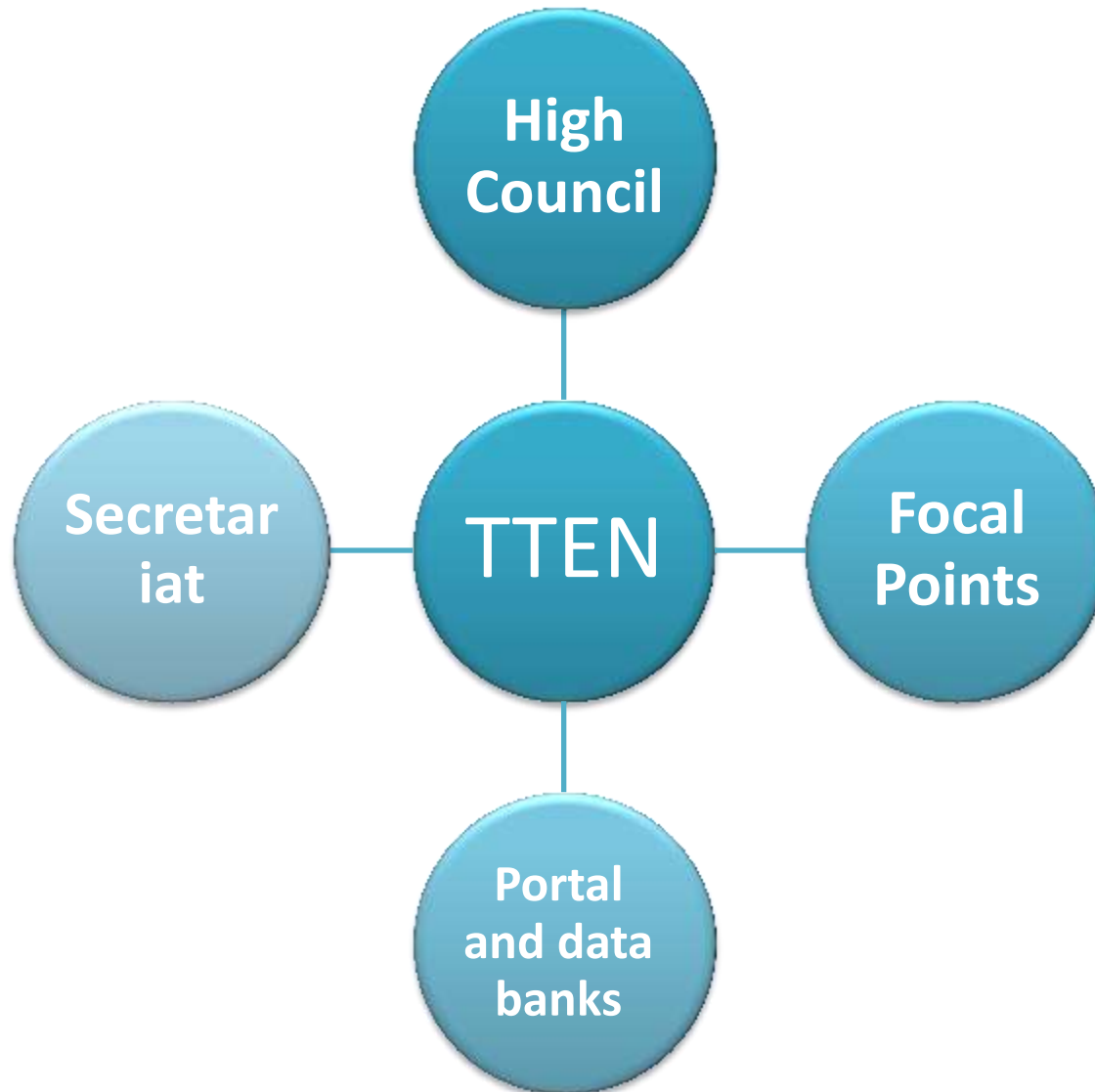
Increasing integration  
and synergism  
between technology  
companies





# TTEN Sectors & Services

# TTEN Main Sectors



# TTEN Main Sectors

<b>High Council</b>	In charge of policy making for every issue related to the D-8 Technology Transfer and Exchange Network (TTEN)
<b>Focal Points</b>	Every D-8 country is to appoint an organization in that country to act as the TTEN National Focal Point
<b>Portal and data banks</b>	D-8 TTEN software and virtual network system, which consist of databanks and input data from the Member Countries and, will be set up in I.R. Iran
<b>Secretariat</b>	In charge of implementation, supervision and pursuing the policies and decisions.

# TTEN website

[www.d8tten.org](http://www.d8tten.org)



**D8 TECHNOLOGY TRANSFER  
& EXCHANGE NETWORK (TTEN)**

Persian



# TTEN Services

Offering the Technology

Requesting Technology  
(Demanding Technology)

**Displaying the  
countries' latest  
achievements**

Informing and being  
informed about the  
technology news

Informing and being  
informed about the  
technology events



# TTEN First High Council Meeting



# TTEN First High Council Meeting

❑ **Date:** The First High Council meeting would be held on 7-9 October 2013, Tehran

❑ **Agenda:**

- Getting familiar with TTEN
- To build a network through the members
- Unveiling the TTEN website
- TTEN Services and Structure



# Member Contributions

# Member contributions

- Encouraging the owners of technology and who require the technology to utilize the website;
- Uploading the latest Country's Achievements in the considered place;
- Collaboration in accomplishing the following items:
  - Technology Tours
  - Technology Exchange Forums
  - Technical Seminars and Workshops
  - Facilitation of Participation in Exhibitions
  - Assessment, Feasibility Study and Evaluation of Technology

# Member contributions

- **Confirming or not confirming of any user recorded data from each country by its relevant country;**
- **Proposing the website's improvement opportunities to the Secretariat after announcement of finalization;**
- **Attending the High Council Meeting of D-8 TTEN .**

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## History of TTEN

The Senior Officials Meeting of the 3rd D-8 Ministerial Meeting on Industry was held in Dhaka, Bangladesh, on 9th October 2012. In the meeting the delegations of Bangladesh, Indonesia, Iran, Malaysia, Nigeria, Pakistan, and Turkey attended. The meeting adopted the outcome of the meetings of the Task Forces as agreed by the representatives of the D-8 Member Countries in each Task Force

## News

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## Events

BIOTECHNICA  
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9/12/2013

Categories

### Technology Offers



Nano particles of ZnO



Thermal Nano Fluids



Raney Nickel Catalyst (Sponge Catalyst)



Nano Engineered Anodic Aluminum Oxide



Amnpardaz File Destroyer Software

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### Technology Requests



Omitting N2 from CH4



CMC



Technology of producing the Network Cards



Technology of Automation System Optim



Paper base Packaging System

Submit

more...





## D8 TECHNOLOGY TRANSFER & EXCHANGE NETWORK (TTEN)

Members Achievements

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### Members

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Indonesia, officially the Republic of Indonesia is a country in Southeast Asia and Oceania. Indonesia is an archipelago comprising approximately 17,508 islands. It has 34 provinces with over 238 million people, and is the world's fourth most populous country. Indonesia is a republic, with an elected legislature and president. The nation's capital city is Jakarta. The country shares land borders with Papua New Guinea, East Timor, and Malaysia. Other neighboring countries include Singapore, Philippines, Australia, Palau, and the Indian territory of the Andaman and Nicobar Islands. Indonesia is a founding member of ASEAN and a member of the G-20 major economies. The Indonesian economy is the world's sixteenth largest by nominal GDP and fifteenth largest by purchasing power parity.

Indonesia has a mixed economy in which both the private sector and government play significant roles. The country is the largest economy in Southeast Asia and a member of the G-20 major economies. Indonesia's estimated gross domestic product (nominal), as of 2012 was US\$928.274 billion with estimated nominal per capita GDP was US\$3,797, and per capita GDP was US\$4,943 (international dollars). June 2011: At World Economic Forum on East Asia, Indonesian president said Indonesia will be in the top ten countries with the strongest economy within the next decade. The gross domestic product (GDP) is about \$1 trillion and the debt ratio to the GDP is 26%. The industry sector is the economy's largest and accounts for 46.4% of GDP (2010), this is followed by services (37.1%) and agriculture (16.5%). However, since 2010, the service sector has employed more people than other sectors, accounting for 48.9% of the total labor force, this has been followed by agriculture (38.3%) and industry (12.8%). Agriculture, however, had been the country's largest employer for centuries.

## Modules

Edit File

### Member Technology Achievements

Subject

## Indonesia Technology Achievements

 [Home Page](#)

## User Info

Dear User



Indonesia\_1

# Welcome

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Log out

Description

members Achievements

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Indonesia, officially the Republic of Indonesia is a country in [Southeast Asia](#) and [Oceania](#). Indonesia is an [archipelago](#) comprising approximately [17,508 islands](#). It has [34 provinces](#) with over 238 million people, and is the world's fourth [most populous](#) country. Indonesia is a republic, with an elected legislature and president. The nation's capital city is [Jakarta](#).





# Thanks for your attention

Our websites:

❖ [www.d8tten.org](http://www.d8tten.org)

❖ [www.techpark.ir](http://www.techpark.ir)

❖ [www.techmart.ir](http://www.techmart.ir)



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