



**JORDAN**  
INVESTMENT BOARD

Take advantage. Turn to  
Jordan.

# Jordan Renewable Energy

Projects & investment  
Opportunities

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and is the natural gateway into Iraq and its tremendous reconstruction and growth potential.

Jordan is considered an ideal base location for Iraq based businesses due to geographic proximity, security, and infrastructure

With imports of 32.2 billion USD in 2008, Iraq presents a clear and large market potential for different goods & services.



Jordanian exports to the Iraqi market have doubled between 2003 to 2008 to reach \$1.3 billion\*

Iraq is projected to maintain a 7% growth rate into 2010, and increase in 2011 to 7.9%, driven primarily by oil revenues \*\*





Beyond  
MENA, Jordan  
is a virtual hub  
that provides  
access to a  
number of  
international  
markets  
through a  
series of free  
trade  
agreements

Jordan's virtual hub allows free market access to **over 1 billion** consumers through its trade and investment agreements.





and presents clear enablers to help your business grow.

Regulatory environment committed to free markets principles

Strong legal framework and intellectual property protection rights; ranked 30th globally in IP protection

## Political Stability & Rule of Law

Ranked among the top ten countries globally in organized crime prevention(\* 30 out of 130 countries surveyed, WEF Global Competitiveness Report 2009 – 2010)





and presents clear enablers to help your business grow.



GDP reached almost \$23 billion in 2009, averaging 7.1% real growth over the past 5 years \*

Stable currency that promotes trade and investment; has maintained a steady exchange rate to the US dollar since 1995

Outstanding external public debt reduced to 23% of GDP in 2009 (down from 66.2% in 2004) \* - central bank of Jordan

## Economic Stability

Solid and healthy banking sector



and presents clear enablers to help your business grow.



Young population with almost 70% under the age of 30

The highest literacy rate in the region 92%

Invests >20% of GDP on lifelong learning.

Named top performer (1<sup>st</sup> in Arab world) in education reform in MENA region.

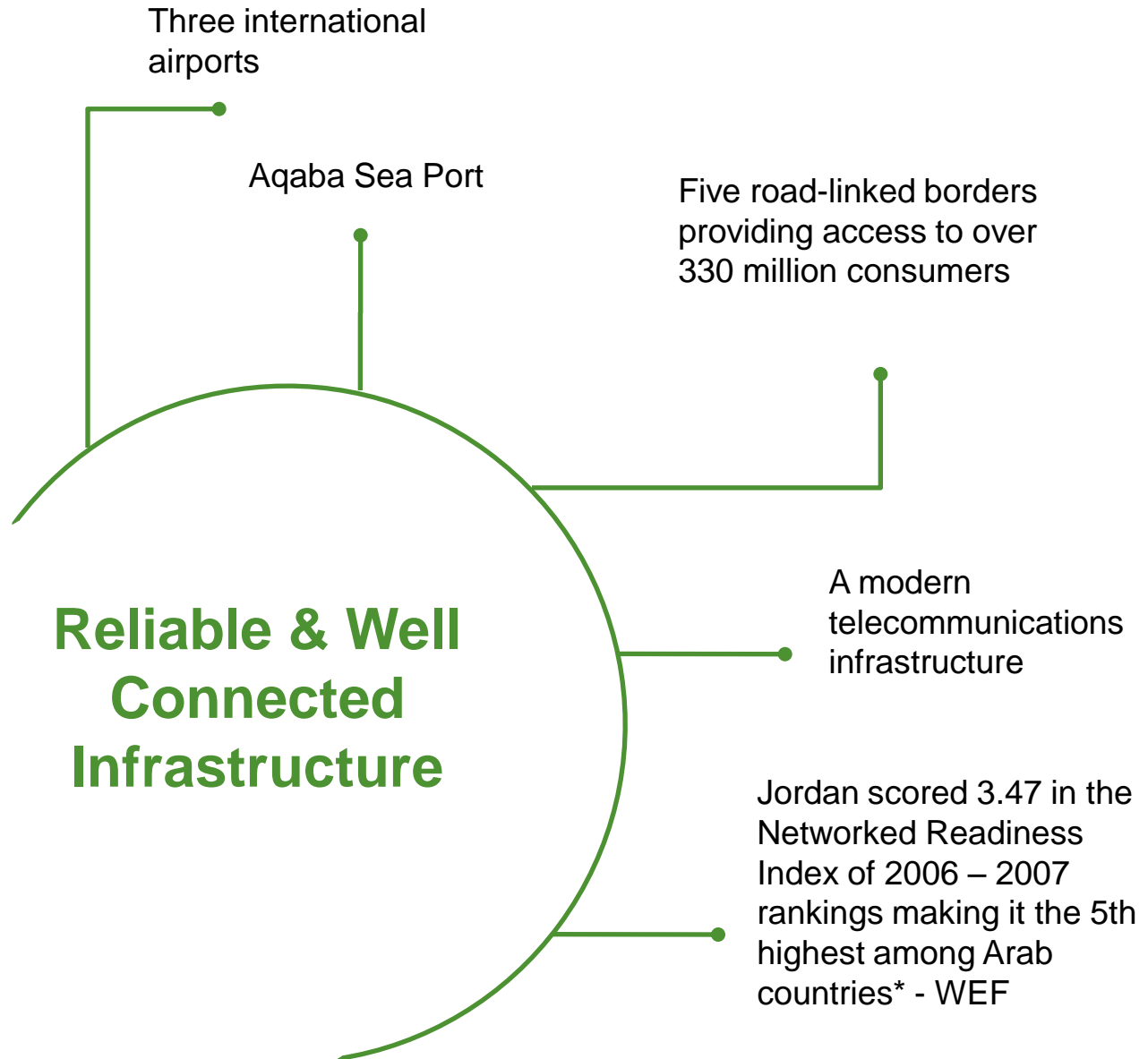
Has one of most qualified competitive and productive talent pools in the region. with labor rates considerably lower than those in other countries in MENA

## Skilled and Talented Human Capital





and presents clear enablers to help your business grow.





What do you see?

We see a growing market.

We see a highly educated workforce.

We see strategically placed free zones.

& We see 21<sup>st</sup> century infrastructure.



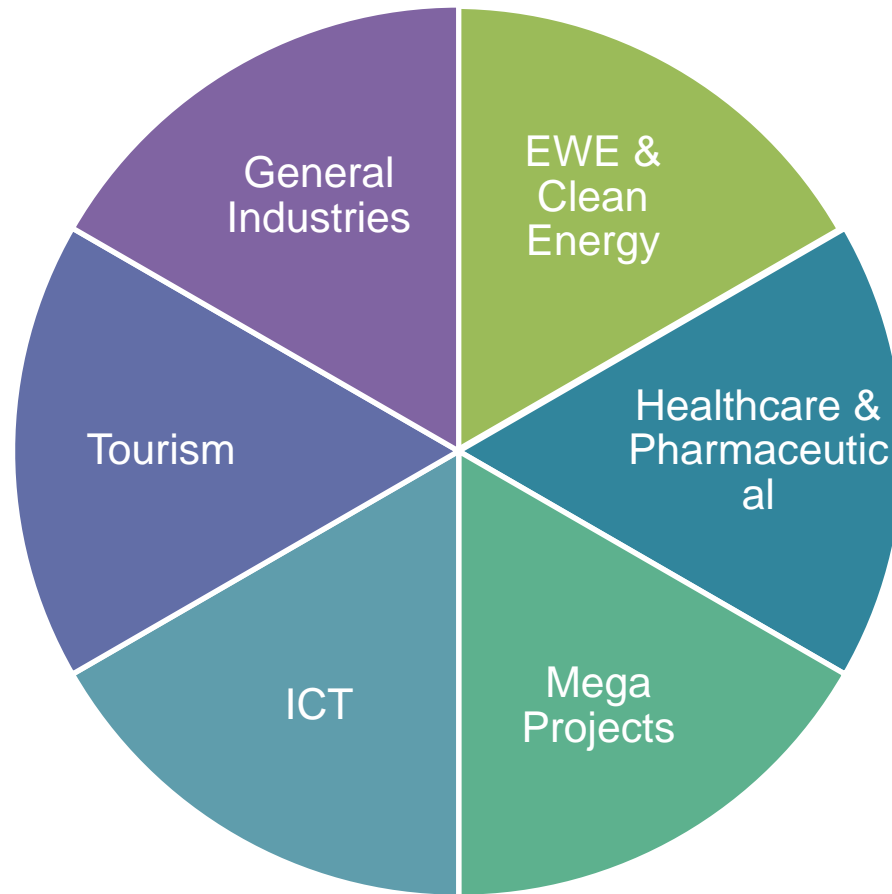
So how can  
you take  
advantage...



## Make the Most of Fresh Opportunities.

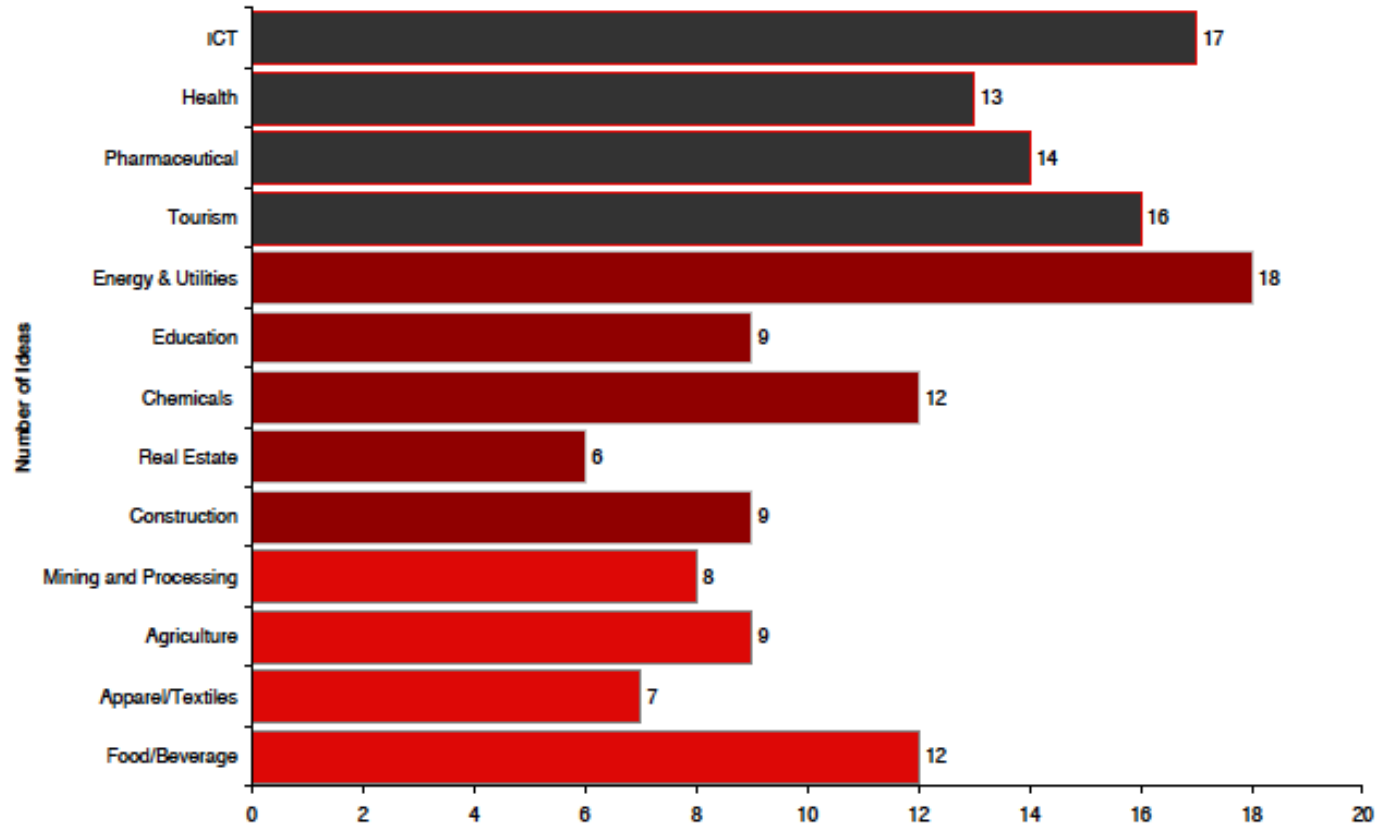
Jordan's strategic investment focus is on key business sectors, with innovation at their heart. These sectors for future success are built on four cornerstones: a strong business environment; a world-class skills base; a world-class infrastructure meeting the needs of business; and an economy embracing the opportunities arising from transition to renewable energy.

**Take advantage. Go Jordan.**





JIB has assessed fresh opportunity ideas in line with sector strategies in Jordan.



**The invest Jordan EWE  
& clean energy  
advantage.**

The right place. The right time.



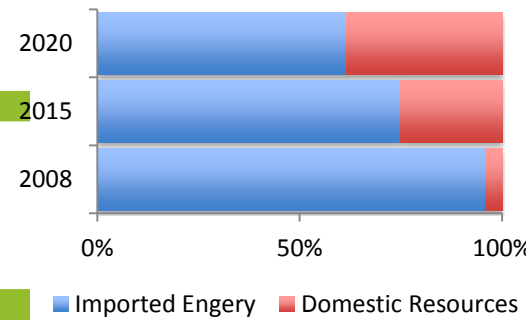
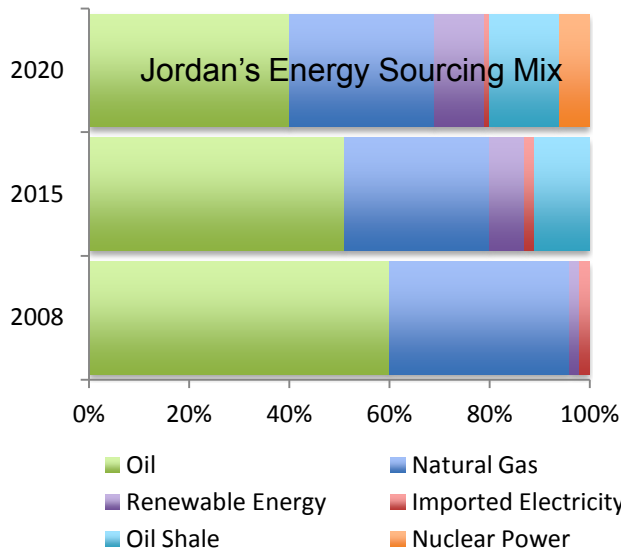




# Consider your home energy challenge

No indigenous energy resources

High dependency on imported energy



Primary energy demand is expected to double between 2008 and 2020

High cost to the economy with energy imports accounting for more than 13% of GDP



Jordan is considered as a hub and transit country and can play a major role linking oil, gas and electricity network among the region.

The country has a huge potential of :

- energy resources (oil shale, uranium).
- renewable energy utilization (wind, solar).
  
- In regard of oil and gas , Jordan has not been explored yet.





# Renewable Energy and Energy Efficiency Law

## Main Goals

- Provide a legal mandate for the government and a regulatory framework for RE and EE development.
- Encourage private-sector investment in RE.
- Diversify energy sources in Jordan.
- Reduce greenhouse gases.
- Develop in-country expertise related to RE and EE



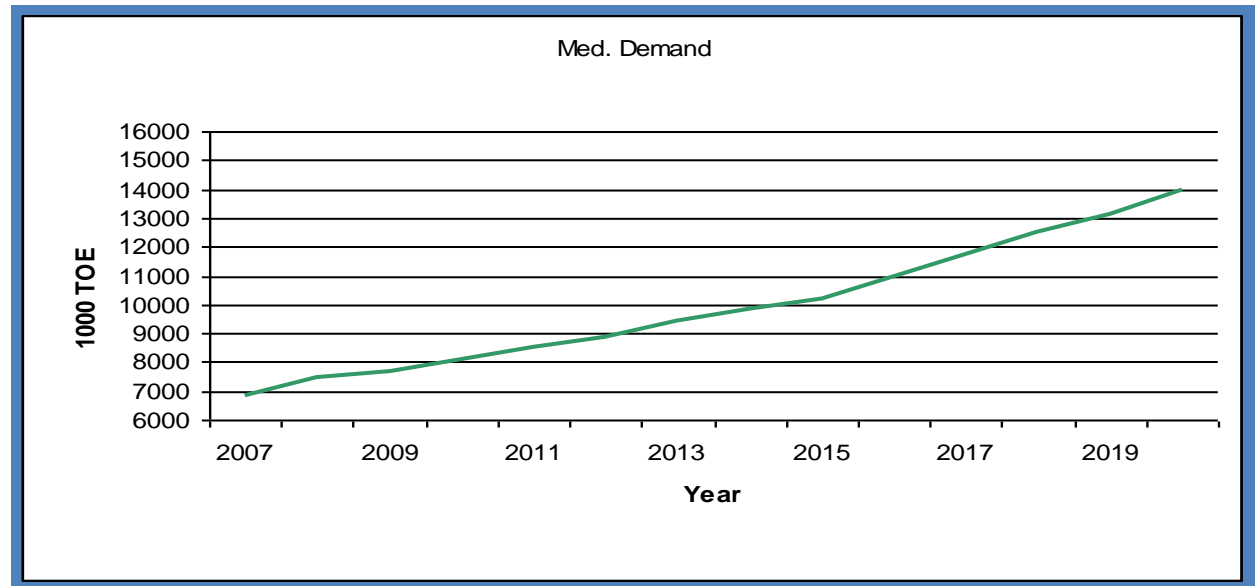


# Energy Demand

Jordan witnesses high growth of energy demand

Period	Electricity Demand Growth (%)	Primary Energy Demand Growth (%)
(2008-2020)	7.4	5.5

## Growth of Primary Energy Demand



The expected demand for primary energy amounts is 15 million tons of oil equivalent in 2020 compared to 7.5 million tons of oil equivalent in 2008.



# Energy Strategy ( 2007- 2020)

## MAIN GOALS :

- Diversifying the energy resources
- Increasing the share of local resources in the energy mix .
- Reducing the dependency on imported oil
- Enhancing environment protection

## This will be achieved through :

- Maximizing the utilization of domestic resources (oil shale, natural gas, etc.)
- Expanding the development of renewable energy projects
- Generating electricity from nuclear energy

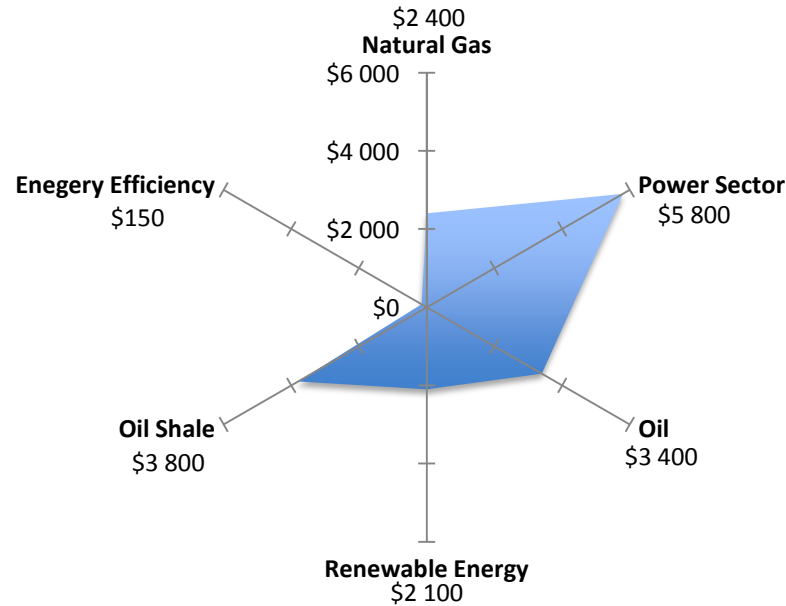






As your investment opportunity at your own home.

In order to achieve our transformational master energy plan, we are investing over \$18bn in our energy sector

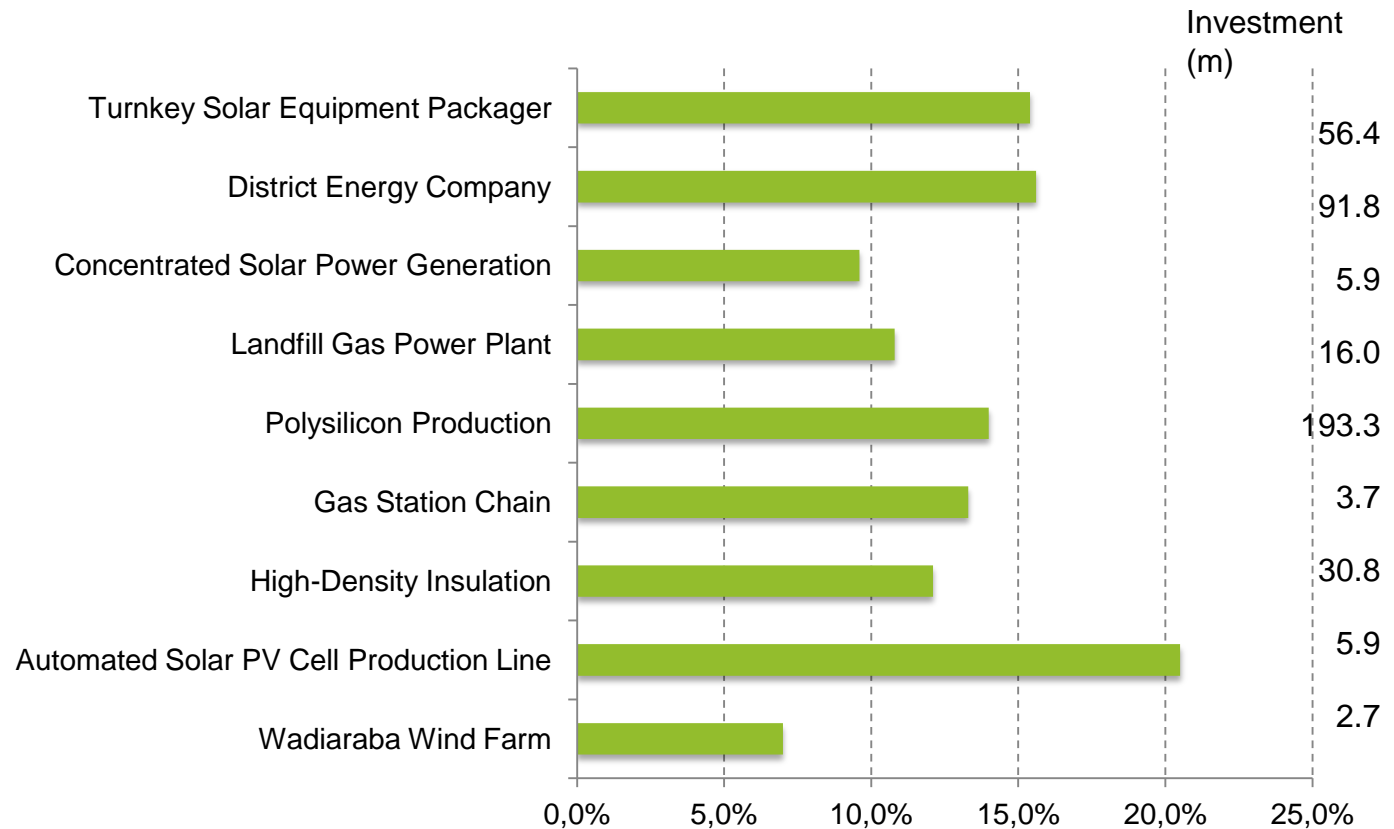


Your opportunity to leverage our strategic focus on the top half of the green energy value chain covering opportunities in assembly, installation, integration, testing and support

With a fast growing local market acting as your test bed and a strategic geographical location providing a launch pad to the region, Jordan is the natural home for your energy investment



and to help you, JIB has identified several projects that offer attractive rates of return that are above deposit rates.





- Establishing a Renewable Energy & Energy Efficiency Fund:
  - provide good financial framework to support energy efficiency programs and renewable energy projects, to help achieve the targets set in the Energy Strategy; 10% renewable and 20% energy savings by 2020 .
  - Funding resources are annual Budget allocations and Foreign donation.
- Allows for Bylaws to be issued for EE measures in different sectors.



**Rethink market access  
and invest in new  
opportunities.**

Thank you.

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