Landlocked
Landlocked

Our country
Landlocked

Our country

Markets
Landlocked

Our country

Markets

See of opportunity
Landlocked

Our country

Markets

See of opportunity
## Goals and Vision

<table>
<thead>
<tr>
<th>GOALS</th>
<th>ASSUMPT.</th>
<th>2020</th>
<th>2030</th>
<th>2050</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access to electricity</td>
<td>60%</td>
<td>80%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Imports</td>
<td>30%</td>
<td>25%</td>
<td>5%</td>
<td>5%</td>
</tr>
<tr>
<td>Exports</td>
<td>7%</td>
<td>10%</td>
<td>17%</td>
<td>17%</td>
</tr>
<tr>
<td>Pollution Reduction (CO2, NOx)</td>
<td>HIGH</td>
<td>MED</td>
<td>LOW</td>
<td>LOW</td>
</tr>
<tr>
<td>R&amp;D</td>
<td>2.5%</td>
<td>5%</td>
<td>10%</td>
<td>15%</td>
</tr>
</tbody>
</table>
## Energy Budget

<table>
<thead>
<tr>
<th>DISTRIBUTION (%)</th>
<th>NOW-2020</th>
<th>2020-2030</th>
<th>2030-2050</th>
</tr>
</thead>
<tbody>
<tr>
<td>R&amp;D</td>
<td>5</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>IMPORTS</td>
<td>25</td>
<td>20</td>
<td>15</td>
</tr>
<tr>
<td>Invest. F.T.</td>
<td>25</td>
<td>20</td>
<td>15</td>
</tr>
<tr>
<td>Science Diplomacy</td>
<td>10</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>Security and maintenance</td>
<td>5</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Local energy infrastructure</td>
<td>30</td>
<td>35</td>
<td>40</td>
</tr>
</tbody>
</table>
LANDLOCKED

- Vast f. f.
- Market East/West
- Pay to take f. f. on
- Shunned
- "Local Energy"
- 63% Power Generation
  - Maintenance
  - New Power Plants
- 2) Power Distribution
  - Fuel
  - Maintenance
  - New Power Lines
- 3) F. F. Processing
  - (Refineries, etc.)

DEFENSE
- Foreign Ministry
- U.S.
- M1
- M2
- U1
- U2
- U3
- SEE OF OP

LOCAL
- R&D
  - Energy eff. (15%)
- 2) Import Energy
  - 17%

RENEWABLES
- Education
- CSU, CO2
- Explotation
- Hydrogen
- Nuclear

ASSUMPTIONS
- 1) Power Generation
- 25%

FOREIGN POLICY
- Diplomacy
- Technology
- Foreign
- 10%
- Joint Cooperate
- Energy Research
- Invest in U3/Coop Agencies

5) SECURITY
- 5%