Compact with Africa: Côte d'Ivoire

Leveraging the Compact with Africa to Catalyze Private Sector Investment

Africa Investment Forum
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Presented by:
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Minister for Petroleum, Energy and Renewable Energy
Policy priorities and reforms

Catalyzing Private Sector Investment

1: Reliability and Security of supply
- Increase electricity generation capacity;
- Develop the transmission and distribution network;
- Set up a Liquefied Natural Gas (LNG) unit.

2: Access to energy for all
- Electrify all localities by 2025;
- Promote effective access to electricity for economically weak households.

3: Environmental concerns
- Increase the share of renewable energies in the energy mix (42% in 2030).

4: Regional energy hub
- Further develop electricity interconnections between States;
- Ensure the adaptation of the legal framework linked to the advent of the regional market.
# Status of Priority Actions

<table>
<thead>
<tr>
<th>Actions</th>
<th>Compact with Africa Focus Area(s)</th>
<th>Progress</th>
<th>Next Steps – Required Support</th>
<th>Expected Costs (M$)</th>
</tr>
</thead>
</table>
| **Financial viability of the electricity sector** | ✓ Macro economic stability ✚ Performance of public utilities ✚ Mobilization of private institutional investments ✚ De-risk investments ✚ Business environment and regulation | ✓ Increased emphasis on the fight against fraud; ✓ Improving network performance; ✓ Increase in hydropower production Vs reduction in gas thermal production | **Next Steps:** ✓ Improve network performance ✓ Other network investment projects  
**Required Support:** ✓ Technical assistance | Invest: 4500  
**TA:** 10 |
| **Financing**                                | ✓ Mobilization of private institutional investments ✚ Macro economic stability                  | ✓ Launch of the second phase of the mission to refinance the short-term debt of the Electricity Sector guaranteed by the World Bank; ✓ Participation in the Scaling solar initiative | **Next Steps:** ✓ Set up guarantee mechanisms and ensure the raising of financing from commercial banks ✓ Implement sustainable concessional financing ✓ Operationalize the National Energy Management Fund  
**Required Support:** ✓ Technical assistance | Financing: 1000  
**TA:** 2 |
Investment Opportunities in the Electricity Sector

Pipeline of Seven Priority Projects to Catalyze Private Sector Investment:

1. Power Generation
   - Solar PV Plants: US$295M
   - Biomass to Power Plants: US$235M
   - Mini-hydro to Power Plants: US$262M

2. Power Generation
   - Off-Grid
   - Mini-grid and Solar Kits: US$300M

3. Power Generation
   - Extension of Distribution Network: US$985M
   - Security of Gas Supply: US$160M

4. Transmission
   - Green Corridor: US$91M

5. Distribution

6. Supply

US$ 2.42 Billion Total Portfolio Value
Pipeline Project 2 (RE Generation): Biomass power plants

### IMPACT

- **80 MW**
- **235 Million US$**
- **62,000 Electrified households**
- **178 kTCO2/year Emissions avoided**

### Creating an enabling environment for private sector investment...

- **Renewable Energy Roadmap** Published in July 2018 to achieve Renewable Energy Target by 2030
- **Renewable Energy Policy Paper** will be published in December 2018
- **Strategy to boost Private Investment in the Off-Grid Space** will be adopted before End December
- **Mini-grid Regulation and a Decree** for tax exemption for Solar products to encourage private sector investment in the Off-Grid Space

### Biomass Financing structure

- Bi or multi-lateral partner: Donations, concessional loans, guarantees.....
- Government: Environmental and Social Management Plan
- Private sector: Investment

### Support required:

- Technical assistance for project management;
- Capacity building (procurement, negotiations and pricing);
- Financing sought: loans, concessional financing, guarantees

### Biomass Installed Capacity (MW)

<table>
<thead>
<tr>
<th>Biomass</th>
<th>Installed Capacity (MW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SERES BIOMASS PROJECT</td>
<td>20</td>
</tr>
<tr>
<td>COCOA BIOMASS PROJECT</td>
<td>20</td>
</tr>
<tr>
<td>BIOMASS PROJECT 3</td>
<td>10</td>
</tr>
<tr>
<td>(call for tenders)</td>
<td></td>
</tr>
<tr>
<td>BIOMASS PROJECT 4</td>
<td>10</td>
</tr>
<tr>
<td>(call for tenders)</td>
<td></td>
</tr>
<tr>
<td>BIOMASS PROJECT 5</td>
<td>20</td>
</tr>
<tr>
<td>(call for tenders)</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>80</strong></td>
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Thank you for your attention.