Co-operation between public and private sectors and international organizations

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Energy as a development issue in Central Asia

<table>
<thead>
<tr>
<th>Rural School - Premises</th>
<th>Temperature °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classroom: 1st grade</td>
<td>6,9</td>
</tr>
<tr>
<td>Classroom: Russian language # 1</td>
<td>6,4</td>
</tr>
<tr>
<td>Classroom: Russian language # 2</td>
<td>7,1</td>
</tr>
<tr>
<td>Staff room</td>
<td>7,7</td>
</tr>
<tr>
<td>Classroom: 3rd grade</td>
<td>7,8</td>
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<tr>
<td>Classroom: 4th grade</td>
<td>9,7</td>
</tr>
<tr>
<td>Classroom: English language</td>
<td>8,1</td>
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<tr>
<td>Classroom: 7th grade</td>
<td>5,1</td>
</tr>
<tr>
<td>Classroom: 2nd grade</td>
<td>5,7</td>
</tr>
<tr>
<td>Corridor</td>
<td>4,4</td>
</tr>
</tbody>
</table>

Heat supply system and in-door temperature in a representative rural school in Central Asia

Sources: UNDP-GEF Project report, Uzbekistan, 2010
Montenegro – Small Hydro Power

**Issue:**
30% of electricity imported
Only 17% of hydro potential used

**Action:**
Project intervention: Create conditions for sHPP by
- simplifying application procedures
- collecting basic data for investment decisions
- setting attractive but competitive business terms for investors
- Streamlining tendering process

**Results:**
Successful tender for 10 water streams
Spatial planning guidelines
Simplified admin. procedures >1MW power plants
23 sHPPs getting construction license and additional 12 sHPPs starting same procedure

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Energy Efficiency in Buildings

- Savings on electricity/ hot water bills
- Increased living comfort
- Reduction of GHG emissions
- Employment opportunities
- Reducing energy imports
Energy Efficient District Heating - Armenia

- New legal and regulatory framework for rehabilitation of DH systems, including feed-in tariff for power generation

- USD 10m direct foreign (private) investments leveraged into new DH system (Avan district of Yerevan, 213 buildings, 30,000 residents)

- System features combined heat and electricity and introduced apartment level metering

- 640 new contracts signed between customers and heat supply companies in the pilot areas

Sustainable Energy Solutions
Coordinated Collaboration


Empowered lives. Resilient nations.
Thank you

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