Gumuskoy Geothermal PP, Turkey

Fourth Annual Meeting of the San Giorgio Group

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Why is Gumuskoy GPP interesting

Development and Financing model

• Heavy exploration and development risk appetite from developer

• Public-private financing

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<th>Debt</th>
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<td>EBRD MidSEFF</td>
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<td>Yapikredi</td>
<td>Lease Finance</td>
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<td>BM Holding</td>
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Total Project Cost | 49.6
Gumuskoy GPP: Role of public finance
Risk Allocation and Mitigation

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<th>Exploration</th>
<th>Turkey Govt</th>
<th>Lenders</th>
<th>Developer</th>
<th>Contractors</th>
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<td>Development</td>
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<td>Operation</td>
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<td>Turbine performance</td>
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<td>Carbon leakage</td>
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- **Exploration**
  - Turkey Govt
  - Resource risk

- **Development**
  - Lenders
  - Financing Risk
  - Drilling risk
  - Construction risk

- **Operation**
  - Price Risk
  - Loan Risk
  - Resource risk

- **Outcome**
  - Carbon leakage
  - Turbine performance

This diagram illustrates the risk allocation and mitigation for the Gumuskoy Geothermal Power Plant in Turkey, highlighting the responsibilities and risk management across different phases of the project.
Gumuskoy GPP: Early questions for policy

- Managing carbon leakage risk
- Encouraging significant private activity vs limited role in policy targets

Beyond Turkey – can private sector take exp. risks
- Transferability of existing drilling and geological resource management skills/knowledge in-country
- Identifying private sector capability/appetite
- Identifying local banks to channel public finance
Thank you!