Session:

Resettlement
What are the boundaries and responsibilities?

Thais F. Soares
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For more information:  www.hydropower.org/congress
Resettlement: what are the boundaries and responsibilities?
The Case of Jirau Hydropower Plant

Thais F. Soares

20 May 2015, Beijing
Project Overview

**Location**
Madeira river, State of Rondônia, Amazon Region

**Energy**
50 turbines, 3,750 MW installed capacity

**Status**
28 units in operation & 3 additional being tested

**Reservoir**
Run-of-river project
488 families relocated
**Before the Project: Poor Living Conditions and Little Access to Basic Infrastructure**

- **Livelihoods:** Small informal enterprises, casual employment, farming, fishing and mining
- **Education:** Less than 4 years of study
- **Energy:** 54% yes – mostly by diesel generator
- **Water supply:** 71.2% artesian wells
- **Destination of solid waste:** 72.4% burning of waste

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### Physical Displacement

<table>
<thead>
<tr>
<th>Owners</th>
<th>Non-Owners</th>
</tr>
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<tbody>
<tr>
<td>148</td>
<td>239</td>
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2,34 households / km² inundated

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**Mutum Paraná**
Resettlement Program: Overview

Guidelines:
- Basically provided by environmental licensing process
- Complied with the Equator Principles

Targets:
- Improve living standards
- Bring a new life perspective
- Promote sustainable development

Options Offered:
- Cash Compensation
- Letter of Credit
- Collective Resettlement: Urban and Rural

Current Situation:
- Relocation completed
- Monitoring in progress
Nova Mutum Paraná

Not limited to legal obligations

- 1,600 houses and complete infrastructure
- Increase of local living standards
- Integration of local people and workers
- Development of local economic activities

Investments: USD 85 MM
Nova Mutum Paraná
Hydropower Sustainability Assessment Protocol

Very strong performance across its sustainability profile

Score 4 and 5 on almost all the topics

Resettlement: Action Plan → extend the monitoring program
Additional Project Benefits

- Social Compensation
  - Education
  - Health
  - Security
  - Infrastructure
  - Tourism

Partnership with Rondônia and Porto Velho Governments
Final Considerations

- Identification of the affected families through detailed surveys
- Development of a good Resettlement Program
- Good relationship with local population
- Provisions for better access to public infrastructure
- Implementation of a comprehensive monitoring program
- Shared responsibilities: Company and Government
Resettlement
What are the boundaries and responsibilities?

Wednesday 20 May / 14:30-16:00