Translating Sustainability Standards and Guidelines into Business Practice

**GUIDING QUESTIONS:** How to translate sustainability guidelines/standards into corporate policies and processes? What are the main drivers? What are the opportunities for improvement?

**CASE 1** Infrastructure in the Brazilian Amazon
- **Belo Monte Hydroelectric Power Plant:** social control tool for observing compliance of environmental and social licensing
- Guidelines for Public Policies and Corporate Practices on Sustainable Infrastructure in the Brazilian Amazon: Self-regulatory and regulatory propositions; Multistakeholder voluntary initiative;

**CASE 2** Sustainable Infrastructure in the Energy Sector: The Case of Biogas Plants (Mexico)
- **SUEMA COMPANY:** Waste Treatment Plant installed by SUEMA in Mexico:
  - Installed capacity: 50 tons of waste daily
  - Investment: $2,222,222 USD
- Regulatory challenges in Mexico – adequate infrastructure to transform waste into energy
  - Creation of adequate Mexican Official Standards to adapt the regulation to the new technology
  - Promotion of public-private partnerships

**CASE 3** Sustainable Infrastructure in the Energy Sector: Wind and Solar Energy (China, EU, USA)
- **Increasing Clean Energy and Improving Air Quality (China):**
  - 2015: over 29GW of new wind and 16 GW new solar capacity installed
  - Transmission lines: priority to existing thermal generation
- **Renewable Portfolio Standards (USA):**
  - RPS: 29 states + Columbia + Puerto Rico (California: legislation to increase RPS to 50% by 2030)
  - RAP: 10 strategies → grid operators to integrate RE resources

**CASE 4** Sustainable Infrastructure and Policy Banks’ Investments (China)
- **Function of a safeguard system**
- **Factors affecting E&S framework evolution in Chinese NDBs**
  - National banking policies and environmental laws
  - Bank policies on governance and risk management
  - Co-operation and engagement with international financial institutions
  - Global initiatives (banking community, environmental and social compacts, NGO lobby and campaigns)

**PRELIMINARY FINDINGS BASED ON 4 CASES - GUIDELINES AND STANDARDS FOR SUSTAINABLE INFRASTRUCTURE:**
1. Fundamental for BAU AND Green Economy
2. Comparative case studies: contributions for improving overseas investments practices
3. Drivers: regulatory, market and voluntary initiatives
4. Top down + multistakeholder and bottom up approaches