



South Pole Carbon Asset Management Ltd.

Quality Control and Sustainability in Biomass Emission
Reduction Projects: a case study

Roman Schibli, Senior Project Manager



South Pole – developing solutions worldwide

**Best Project Developer
2011** Environmental Finance's
Voluntary Carbon Markets Survey

- Head office
- Satellite office
- Local presence



- 2006: Incorporation in Zurich / Switzerland
- 2011: ten offices worldwide
- 2011: Best Project Developer*
- Swiss Social Entrepreneur of the Year 2011**
- Over 80 carbon pros from 22 countries
- Projects in over twenty countries
- Specialized in high-quality “Gold Standard”

* Environmental Finance: Voluntary Carbon Market Survey 2011; ** Schwab Foundation/WEF



Sustainable development in our projects



200+ projects with a multitude of benefits each:

Scholarships for students, support for schools, generation of jobs and skills, cleaner environment, education, improvement of infrastructure...

– and a better climate for all of us

...scope:

Globally, our projects have a positive social impact on **hundreds of mostly rural communities**, improving the lives of **many thousands of people** in the developing part of the world



Case-study for quality control and sustainability: biomass co-firing, Thailand



Project type:

Standard:

Annual emission reductions:

Sustainability:

Quality control:

Renewable energy: biomass



~500,000 tCO₂e

- Financing medical unit bus serving the surrounding communities with free examination and treatment once per month to support local health programs.
- Support of local students with scholarships
- Construction of more than 6,500 dams to preserve watershed forests, reduce the risk of forest fires, and save fields from flooding.
- Additional income for local farmers in exchange for biomass.

- Project assessment by independent auditor (Bureau Veritas)
 - Emission reduction certificate issued after independent assessment of plant performance
- => Only VERs issued for real emission reductions





Biomass co-firing, Thailand



CO₂ Emission Reduction
Project No. 180

Siam Cement Biomass,
Saraburi



South Pole Contacts

Thank you very much for your attention

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