

Integrity & 3rd Party Verification

Presented to

The Offset Hill Briefing – March 26, 2008

Hosted by

AES and the Carbon Offset Providers Coalition

Sponsored by

Sen. Joe Lieberman and Sen. John Warner

Presented by

B. Tod Delaney, Ph.D., P.E. BCEE

How Do You Know a Tonne is a Tonne?

- Use standards
- Report GHG emissions
- Provide transparency
- Validate - *3rd party verification*

Reporting GHG Emissions

- Many ways to document GHG emissions
- Avoid risk: value must be consistent
- *3rd party verification* ensures integrity

Transparency: Clear Audit Trail

- Transparent reporting
 - Public documentation/registration
 - Projects
 - Chicago climate exchange
 - Voluntary carbon standard
 - Entities
 - The California Climate Action Registry
 - The Climate Registry
 - Identify standard
 - Identify methodology
 - Report any and all assumptions
 - *3rd party verification*

Role of the *3rd party verifier*

- Provide independent technical review
- Ensure appropriate & consistent use of standards
- Ensure the value of any credits
i.e. tonne = tonne

3rd Party Verification

Process

1. Review baseline assumptions
2. Verify data
3. Visit site, conduct interviews
4. Analyze risk
5. Prepare preliminary report
6. Request clarification/ corrective actions
7. Prepare final report

Must Use Standards

- Goal – reduce GHG emissions
- Evolved from different needs
- Comply with different reporting entities/regimes

Standard

Clean Development Mechanism (CDM)
World Bus. Council Sustainable Development
Voluntary Carbon Standard (VCS)
ISO 14064 Part I
ISO 14064 Part II
ISO 14064 Part III

Entity

Kyoto
EPA Climate Leaders
The Climate Group
ISO Entity
ISO Project
ISO Verification

Key to Reduce GHG: 3rd Party Verification

- Provides
 - Transparency
 - Consistency
 - \$Value
- Available
- Used
- Recognized
- Expandable

Contact

- **B. Tod Delaney Ph.D., P.E., BCEE**
- **President**
- **First Environment, Inc.**
- **91 Fulton Street**
- **Boonton NJ 07005**
- **Phone: (973) 334-0003**
- **Mobile: (201) 893-5898**
- **Fax: (973) 334-0928**
- **E-mail: tod@firstenvironment.com**