



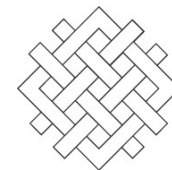
The GHG Protocol and its applications

Beijing GHG Forum

Simon Schmitz
Project Manager
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World Business Council for
Sustainable Development

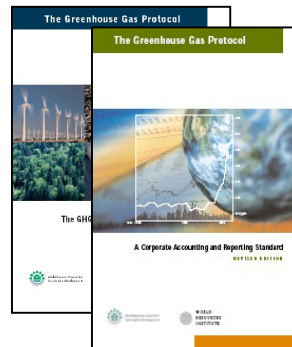


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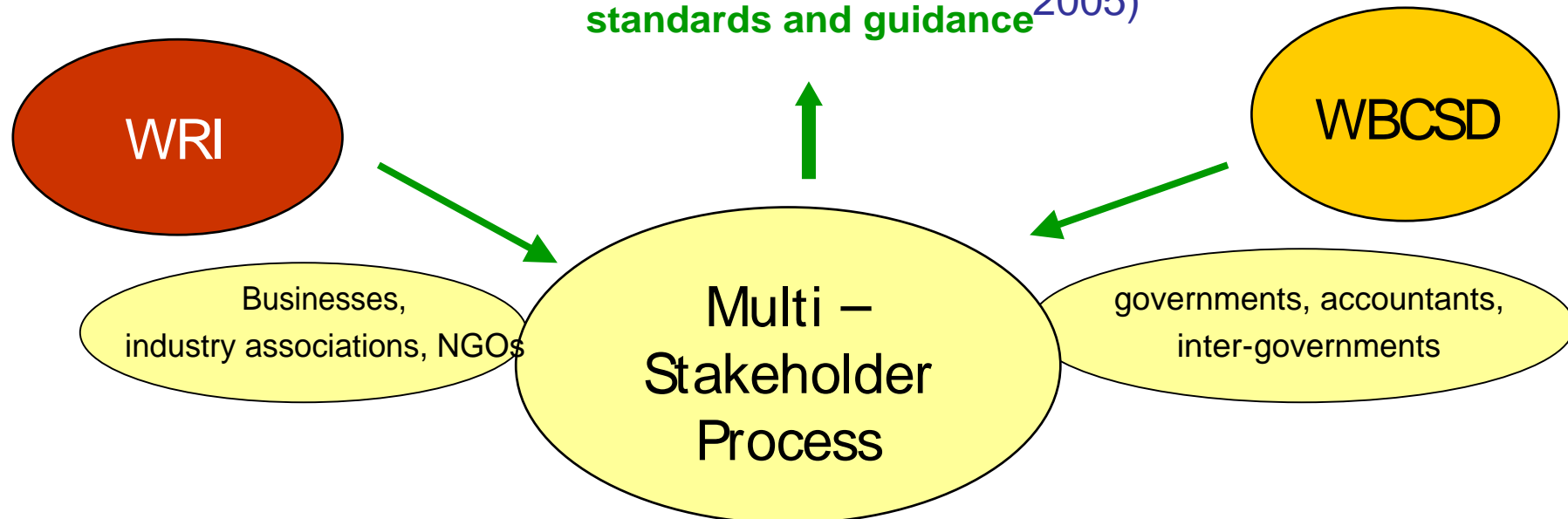
GHG Protocol Initiative: a unique partnership

- Mission: to develop international GHG accounting & reporting standards for business



GHG Protocol standards and guidance

- Convened by WBCSD & WRI (World Resources Institute, Washington D.C.)
- Corporate (2004) and **Project Protocol** (Nov 2005)





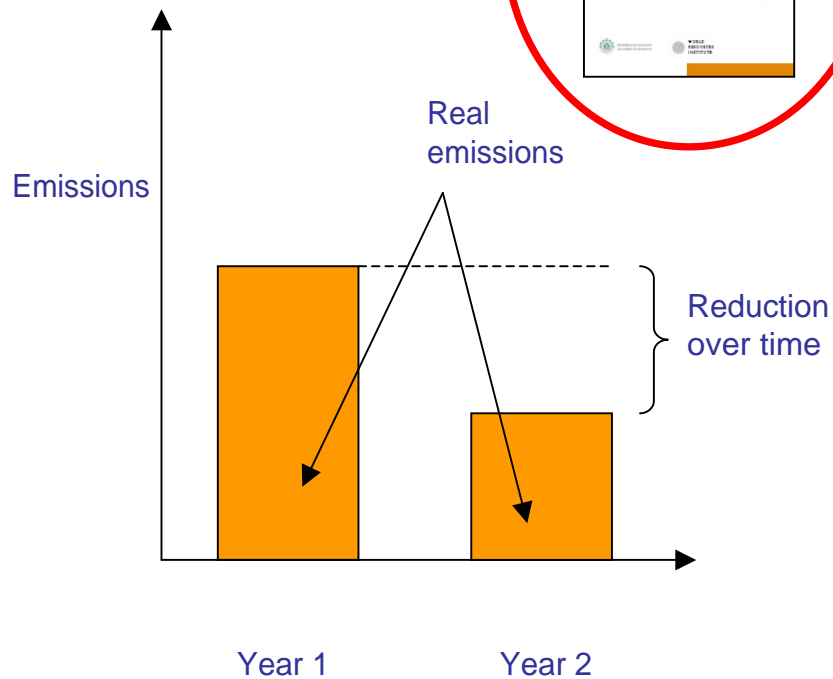
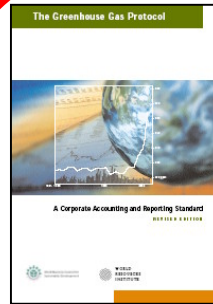
Objectives

- Make GHG information more transparent, credible and comparable
- Simplify GHG measurement and reporting
- Minimize overall costs of accounting
- Serve as guidance and capacity-building tool
- Enhance compatibility between schemes
- Provide a common basis for verification

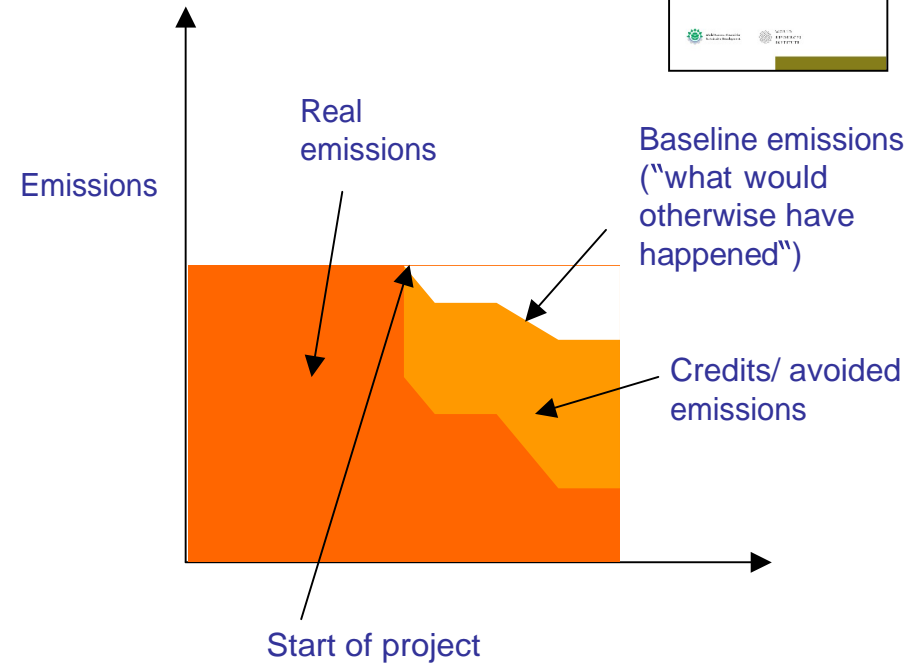
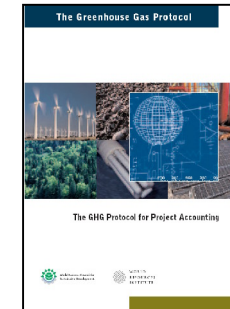


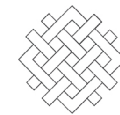
Accounting for emissions vs. reductions

Corporate Standard



Project Protocol: Accounting for offsets/credits





The Corporate Standard: overview

www.ghgprotocol.org

Standards

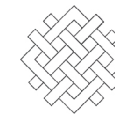
- Accounting Principles
- Organizational Boundaries
- Operational Boundaries
- Tracking emissions over time
- Reporting GHG emissions

Guidance

- Business goals
- Accounting for GHG reductions
- Identifying GHG sources
- Managing inventory quality
- Verification of GHG emissions
- Setting GHG targets

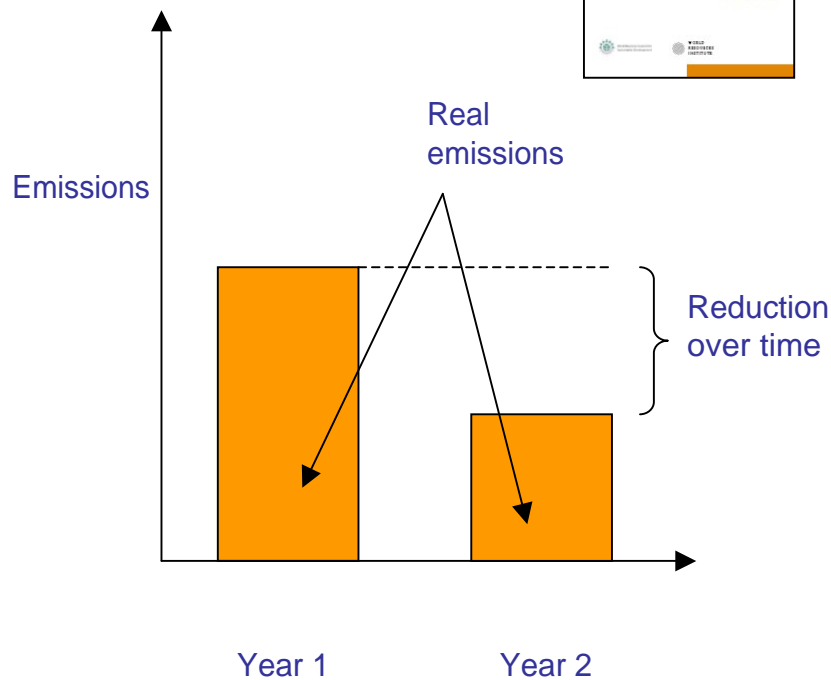
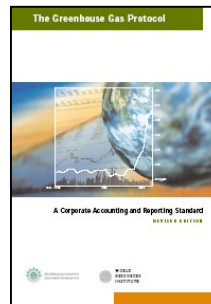
Calculation tools

- Web-based, user-friendly, step-by-step guidance
- Build on IPCC methodologies & industry best practice

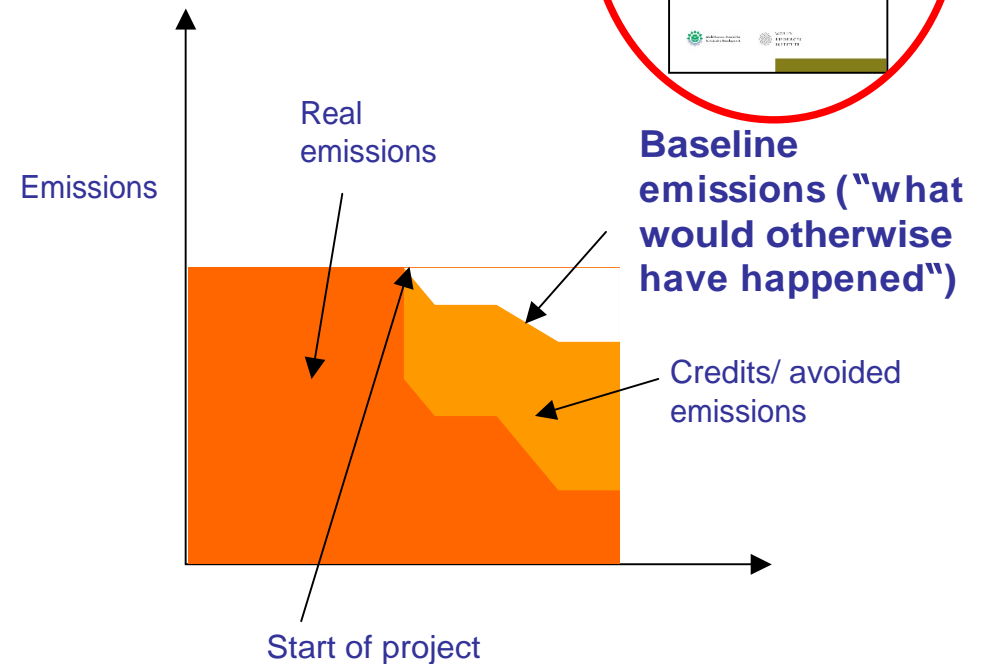
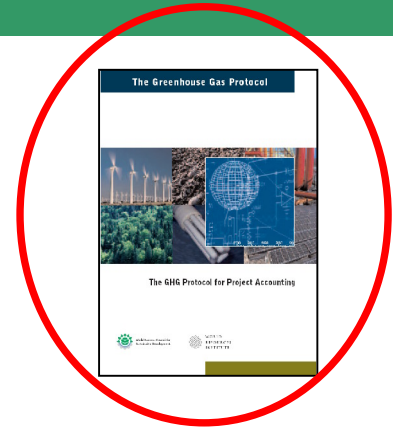


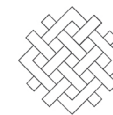
Accounting for emissions vs. reductions

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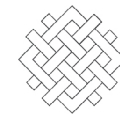
Policy vs. technical issues

POLICY Issues X

- Key Policy Concepts (**Eligibility**, program decisions)
- « **Additionality** » (**customary practice**, **stringency levels** for performance standard, **legal requirements screen**)
- Other program decisions: e.g. **crediting period**, which baseline procedure to use, etc.)

TECHNICAL Issues ✓

- Focuses on the technical dimensions of quantification – **baseline identification**, **secondary effects (project boundary)**.
- Allows project developers the flexibility to decide (by describing the implications)
- Alerts project developers to key (policy) decisions
- Provides guidance on how to operationalize accounting issues



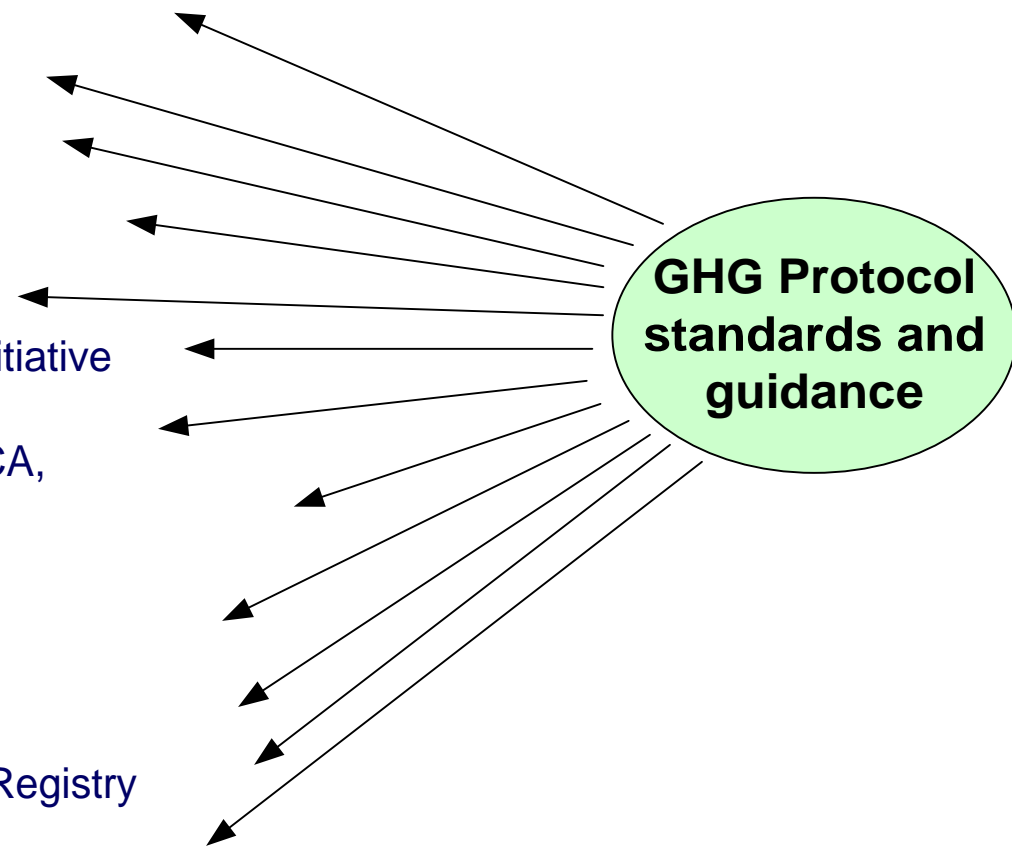
The GHG Protocol for Project Accounting

- A tool to quantify **emissions reductions** from **projects**;
- Targeted primarily at **project developers**; can be used by **scheme administrators** as well;
- Consists of « **what** » (requirements) elements of quantification AND « **how to do** » elements (guidance); designed as a combination of 'manual' with 'educational' value;
- Can be used under any scheme, e.g. as a basis for CDM; can be a « **harmonization tool** » for schemes;



Outreach and adoption

- California Climate Action Registry
- Chicago Climate Exchange
- Dow Jones Sustainability Index
- EU Emissions Trading Scheme
- French REGES Protocol
- Global Reporting Initiative (GRI)
- METI, Japan
- Respect Europe Business Leaders Initiative for Climate Change (BLICC)
- Trade Associations (Aluminum, IPIECA, ICFPA, Cement, Iron and Steel)
- UK Emissions Trading System
- U.S. Northeast Registry (RGGR)
- U.S. EPA Climate Leaders Initiative
- World Wildlife Fund Climate Savers
- World Economic Forum Global GHG Registry
- ISO 14064
- U.S. Department of Energy (?)
- Mexican GHG Pilot program





ISO 14064 Standards

Scope	Standard
Organizations	Greenhouse gases - <u>Part 1</u>: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals (ISO 14064-1).
Projects	Greenhouse gases - <u>Part 2</u>: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions and removal enhancements (ISO 14064-2).
Validation and Verification	Greenhouse gases - <u>Part 3</u>: Specification with guidance for the validation and verification of greenhouse gas assertions (ISO 14064-3).



World Business Council for
Sustainable Development



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Thanks!

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