

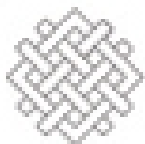
Washington Metro Green Job Fair
Promoting Accountability in Carbon Markets
through GHG Management Training

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Dean

Non-profit mission...



“To train and develop a community of experts with the highest standards of professional practice in measuring, accounting, auditing, and managing greenhouse gas emissions.”



WORLD
RESOURCES
INSTITUTE



Greenhouse Gas
Experts Network



ClimateCHECK™
SET THE STANDARD

CARBON DISCLOSURE PROJECT

GOVida
e - learning

Challenges



- Policies are developing quickly
- Carbon markets are growing and new ones emerging
- GHG emissions are becoming a global commodity
- Need to avoid “Enron” accounting problems
- Quickly need a large global pool of well-trained experts to support metrics
- Experts must operate with a common ethical code and provide high levels of professional competency

Vision... professionalization



- Powerful force for change in society
- Needs to happen across the spectrum of activities within the carbon “industry”
- Certification of individuals and accreditation of organizations
- Other frameworks must also be employed
 - Professional groups or associations
 - Eventually, recognised grad & post grad courses

Workforce Needs Survey 2008







- Jointly conducted with Sequence Staffing
- 719 respondents from all private, public and non-profit sectors
- ~50% U.S. / 50% international

Survey results



- 98.4% - measurement and accounting of GHGs is critical to addressing climate change

(3) How much do you expect the overall business of addressing GHG emissions to grow in the next five years?



	Counts	Percents %	0	100
Double	317	44.5%		
Triple	177	24.8%		
More than triple	140	19.6%		
Remain the same or grow slowly	79	11.1%		
Shrink	0	0.0%		

Survey results (cont.)

(4) Would you say there is currently a shortage of qualified GHG staff and experts to undertake your current needs and planned initiatives?

	Counts	Percents %	0	100
Yes	596	83.9%		
No	114	16.1%		

(7) Do you think that our educational universities and institutions are adequately training new graduates with greenhouse gas, accounting and management skills?

	Counts	Percents %	0	100
No	573	81.9%		
Yes	127	18.1%		

Growth Projected for Climate Change Jobs



- The work of addressing GHG emissions will grow
 - Next year, 84.7% of believe the industry will experience at least 25% growth.
 - 88.9% believe the industry would at least double in the next five years
 - 42.4% say it will at least triple

Survey results (cont.)



(9) Do you expect GHG accounting and management to become a "professionalized" service industry, similar to the way IT professionals have emerged since the 1980's?

	Counts	Percents %	0	100
Yes	543	77.2%		
No	160	22.8%		

(10) What do you think is the risk that carbon markets will suffer from problems similar to those symbolized by the Enron, WorldCom and Tyco accounting scandals?

	Counts	Percents %	0	100
Moderate Risk	380	53.7%		
High Risk	209	29.5%		
Low Risk	114	16.1%		
No Risk	5	0.7%		

Who do we train?

- Engineers and scientists as well as the non-technical
- Lawyers
- Consultants
- Government staff
- Non-profit staff
- Academics
- Journalists



**Learners from
over 30
countries!**

Optimal training solution



- E-learning to provide global access and low cost delivery of training
- Workshops then to provide rigorous simulation exercises and face-to-face interaction
- Courses developed and instructed by world leading experts
- Collaboration between UN, governments, NGOs, corporations, and other market participants

Current & Upcoming Courses



- Basics of organizational GHG accounting (w/ WRI)
- Basics of project-level GHG accounting
- Carbon Disclosure Project (w/ CDP)
- GHG Information Management Systems
 - o GHG verification for Inventories & Projects (w/RGGI)
 - o CDM and JI (w/ World Bank)
 - o Introduction to Carbon Markets (w/ Point Carbon)
 - o Forest carbon inventories and sequestration projects
 - o Landfills, coalmines methane, energy efficiency, stationary combustion
 - o Accreditation assessment for verifiers (w/ UNFCCC)

Dedicated training programs



- Designing accreditation program and mandatory verifier training for RGGI
- UNFCCC Expert Reviewer training and certification testing for Kyoto Protocol compliance process
- International program in Turkey. Future: Brazil, Thailand, and Latin America
- Training Kyoto Protocol's Joint Implementation programme verifier accreditation assessors
- University courses on GHG management

More information...



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