

**TEMPUS IB_JEP-26038-2005 "Training, Networking
and Capacity Building for Sustainable Forestry in
Povolgie"**

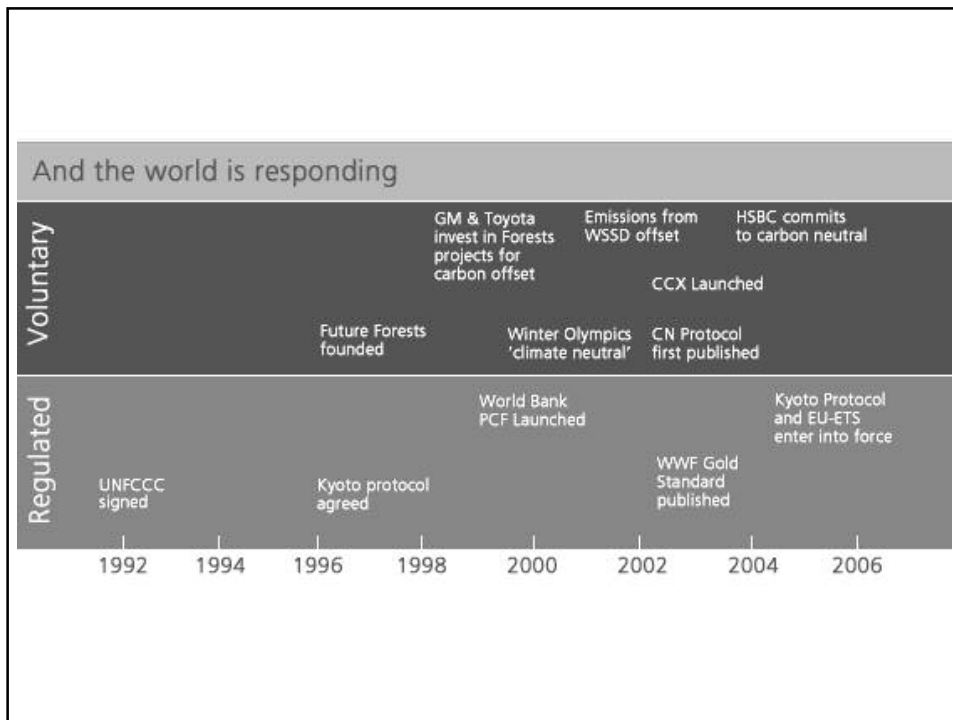
Video seminar

**Voluntary Carbon offset
investments in the forest
sector: actors, standards
and open questions**

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Contents

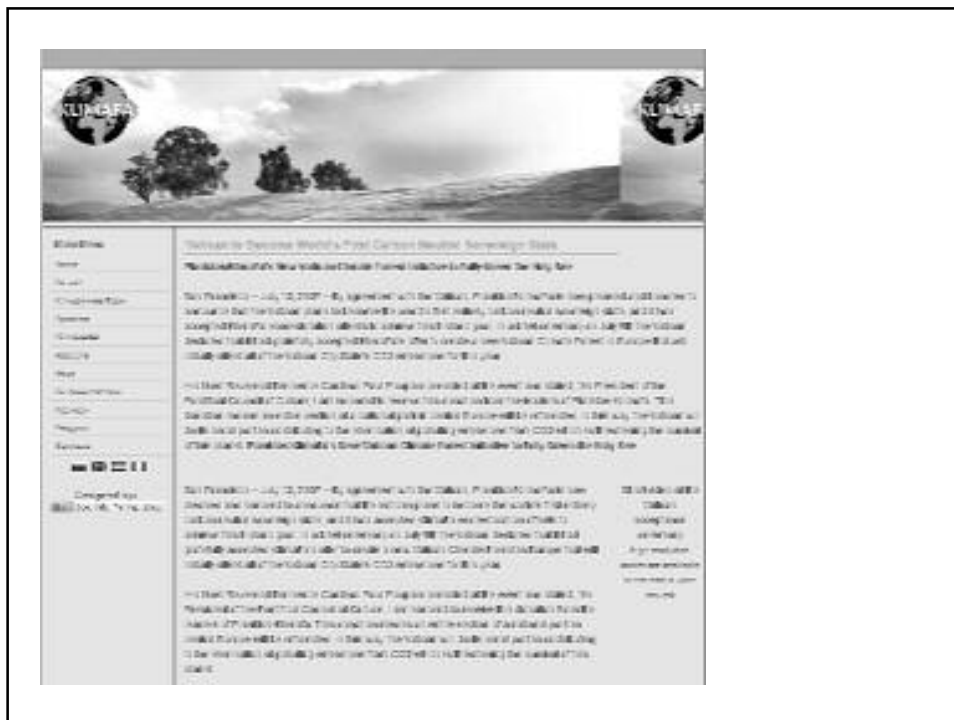
- Regulate vs. voluntary markets
- Roles of "commitments"
- How the market is working
 - VERs
 - Brookers
 - Problems and solutions (standards and certification)



Role of the formal “Commitments”

- *Policy commitments:* “Cities for Climate Protection” 150 cities with commitments on emission reduction from 5 to 10%
- *Corporate Commitments:* AES, BP Amoco, MAZDA, AVIS, Dupont, Shell International, Interface, Duch Electricity Generating Board (FACE Foundation) ... reduction till 10%.

“Carbon neutral”,
“Zero emission”
“Go Zero”

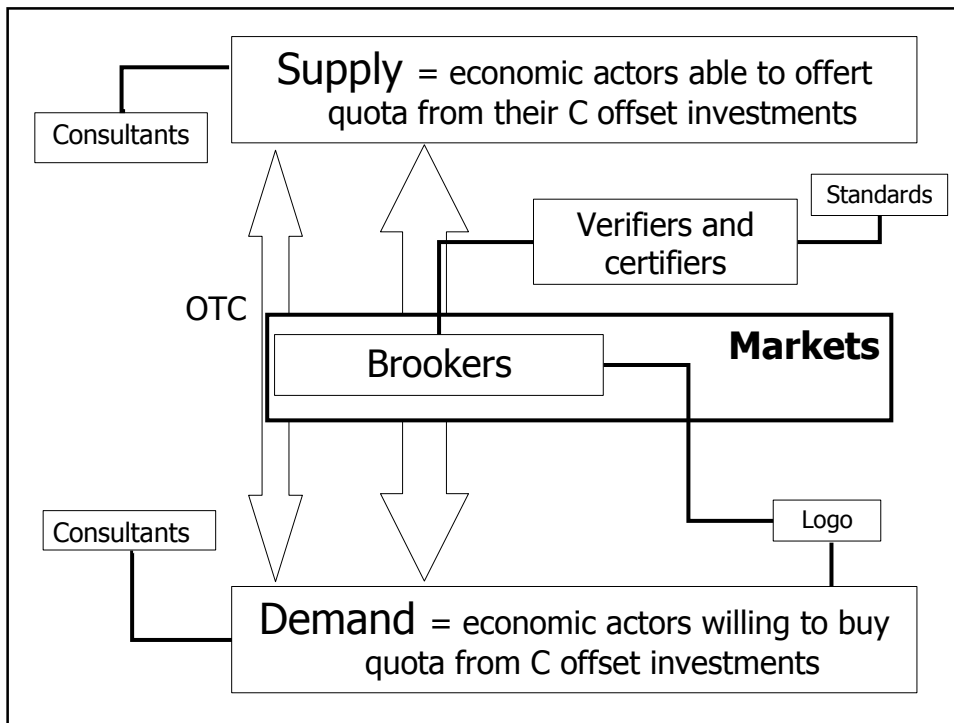




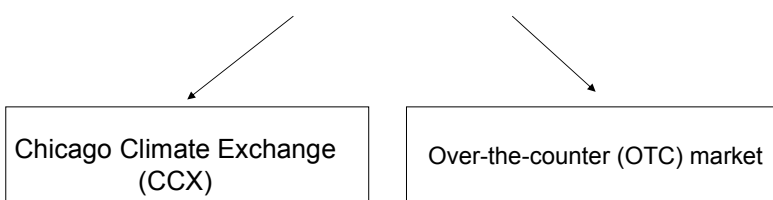
Development of forestry investments for carbon markets in the voluntary market

Positive aspects:

- active role of civil society
- the flexibility of the investments
- the leading position played by the forest sector
- the implementation of new areas of investments (e.g. transactions connected with reduced degradation, avoided deforestation or carbon sequestration in wood products)
- setting the stage for future developments in the regulated markets



Voluntary carbon market



CCX is a structured and closely monitored cap-and-trade system that organizations join voluntarily.

Outside of CCX, one finds a wide range of voluntary transactions that are not driven by an emissions cap, and do not, for the most part, trade on a formal exchange. This mass of transactions is referred as the **over-the-counter (OTC)** market.

Because this OTC market transacts on a highly fragmented deal-by-deal basis, it is extremely difficult for stakeholders to both track and navigate.

VERs

■ VERs (*Verified Emission Reductions*).

1 t CO₂ = 1 VER.

Largest VERs market: **Chicago Climate Exchange (CCX)**.
 1 VER = 5 \$ (3.2 €)
 (1 ETS = 35 \$; 22.1 €)



Forestry Carbon Emission Offsets

CCX has been awarded with a number of forestry carbon offset projects. These projects are eligible for the purchase of VERs (Verified Emission Reductions) to meet carbon reduction goals. Details of the projects are listed below.

- **Forest Land Use Change and Forestry (FLUCF)**
- **Land Use Change and Forestry (LUCF)**
- **Forest Land Use Change and Forestry (FLUCF)**

For more information on the projects and the offsets, please visit the CCX website.

CCX Forest Carbon Offset Project Categories

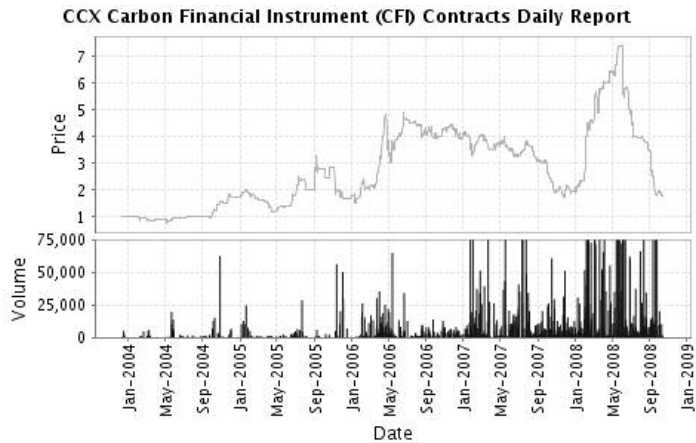
- **Conservation of Forest Land**
- **Reforestation and Afforestation**
- **Forest Management**

Related Documents

CCX Forest Carbon Offset Project Details

<http://www.chicagoclimatex.com/>

Prices and volumes (US\$) of VERs in the Chicago Climate Exchange



<http://www.chicagoclimatex.com/market/data/summary.jsf>

Carbon Market at a Glance, Volumes & Values in 2006-07

	2006		2007	
	Volume (MtCO ₂ e)	Value (MUS\$)	Volume (MtCO ₂ e)	Value (MUS\$)
Allowances				
EU ETS	1,104	24,436	1,061	50,097
New South Wales	20	225	25	214
Chicago Climate Exchange	10	33	23	72
Sub total	1,134	24,699	1,109	50,384
Project-based transactions				
Primary CDM*	537	5,304	551	7,406
Secondary CDM	25	445	240	5,451
JT†	16	141	41	499
Other Compliance & Voluntary Transactions	33	146	42	265
Sub total	611	6,536	874	13,641
TOTAL	1,745	31,235	2,983	64,025

*: Clean Development Mechanism, †: Joint Implementation

Source: WB "State and Trends of the Carbon Market 2008".

Brookers



Carbon Neutral Company
(ex Future Forests)

<http://www.carbonneutral.com/>



TreeSmart

Info about TreeSmart

What is TreeSmart?

TreeSmart is a carbon sequestration program aimed at removing carbon dioxide from the atmosphere that has been created by the transport sector. It does this by helping to establish and maintain eucalypt plantations destined for eventual harvesting and replanting. [more](#)

Who is TreeSmart?

The *TreeSmart* program is run by a private company (TreeSmart Australia Pty Ltd) set up for the express purpose of running the TreeSmart program on a "profit for purpose" basis. The *TreeSmart* program concept was developed by the The Urban Transport Institute and Green & Gold Tree Farms. [more](#)

Frequently Asked Questions

<http://www.treesmart.com.au/>

Problems

For the forest sink there are some serious problems related to:

- Non-permanence
- Baseline and C sinks monitoring, verification
- Leakage
- Additionality

(moreover: problem of scale – large project have less transaction costs)

Voluntary Carbon Standards (VCS)

- *Climate, Community and Biodiversity Project Design Standards* ("CCB Standards") developed by *Climate, Community & Biodiversity Alliance* (CCBA - www.climate-standards.org)
- *CarbonFix Standard* by a German NGO (www.carbonfix.info)
- Plan Vivo System and Standards (FONAFIFO - Costa Rica)
- AFOLU Programme

Two certification bodies, SGS (www.nl.sgs.com) and DNV (www.dnv.com/certification/ClimateChange/) have defined a special programme for the certification of C offset investments

2 more common SW:

CO2FIX <http://www2.efi.fi/projects/casfor/>

GORGAM <http://www.ioanneum.ac.at/GORCAM.htm>

real our jobs, become a peep, cheat or cheating, proscenium

What is Cheat Offsetting?

When you cheat at your job or in your relationship, you are putting your partner and yourself in the employer's...

Cheatneutral offers you cheating by finding someone else to be better and NOT CHEAT. This means that the partner and company/individual you work for are not aware...

Can I offset all my cheating?

Find out how to offset all my cheating by finding someone else to be better and NOT CHEAT. This means that the partner and company/individual you work for are not aware...



Indiscretions

offset cheat

Projects

Some of the people who are offsetting your cheating



Small text at the top of the sinkswatch page, possibly a navigation bar or header.

SinksWatch

An initiative to track and monitor carbon sink products

The first of its kind... a program to monitor and track... to ensure that the products are... to ensure that the products are...

Specific... Carbon Trading... Climate Change... to ensure that the products are... to ensure that the products are...

Carbon... to ensure that the products are... to ensure that the products are...

Carbon... to ensure that the products are... to ensure that the products are...

Carbon... to ensure that the products are... to ensure that the products are...

Carbon... to ensure that the products are... to ensure that the products are...



misdemeanours.

<http://www.sinkswatch.org/>

<http://www.cheatneutral.com/>