



# **“Hartwell” - The road map for the post-Kyoto paradigm**

**Professor G Prins**  
*London School of  
Economics & Political  
Science*

**Nippon Keidanren & GISPRI ‘side event’ COP 16 Cancun  
8<sup>th</sup> December 2010**

## **We’re on a journey..**

**Was the failure at  
Copenhagen a  
‘disaster’?**

**Or was it a  
necessary  
breakthrough to  
a new  
beginning?**



<http://www.spiegel.de/international/world/0,1518,692861,00.html>

# Cancun: the Japanese show the way forward



(Jun Arima, Japanese Government official speaking to AWG-KP Contact Group at opening of COP-16)

“...we will *never* inscribe our target in the Annex B to the Kyoto Protocol under any circumstances and conditions...

....Kyoto 2<sup>nd</sup> commitment period will *never* constitute a fair and effective single framework...

“In addition, Japan intends to promote bilateral and regional co-operative activities engaging private sector...”

In practice that means ‘NAMA’



**-Nationally Agreed Mitigation Actions**

**-Not a ‘global deal’- forget it**

**--very harmonious with Japanese plan to share the off-set gains from emissions reduction bi-laterally or regionally**

**— NAMA much favoured now by Yvo de Boer, formerly Chairman of COP, (in speech last night in Cancun)**

## **Building up with 'building blocks'**

**The new paradigm is catching on fast**

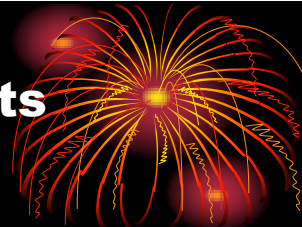
*Eg Senator Tim Wirth & John Podesta, "Building blocks towards global climate action" **The Huffington Post**, 30 Nov 2010*

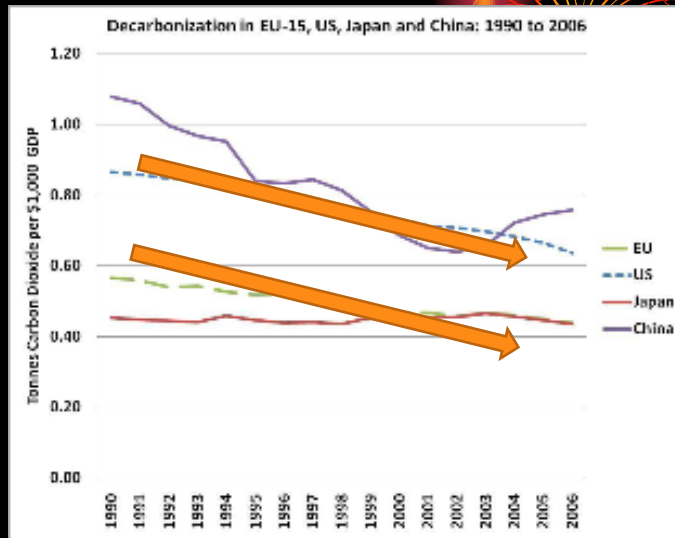
**'pick the low hanging fruit'  
(before they go rotten...)**



**Time to face the facts  
in Europe: it's over**

***In the balance of real world power, the European Union Commission (and not even all of that) and the current British Government and its advisers are now isolated among the major parties in hoping for a Kyoto II on the old (ineffective) model***





The EU-15 and Japan participated in the Kyoto Protocol whereas China and the US did not. GDP values expressed as PPP-adjusted 1990 Geary-Khamis dollars.

## The Road Map called “Hartwell”

**G. Prins & 13 others, *The Hartwell Paper: A new direction for climate policy after the crash of 2009***

**May 11 2010**



<http://eprints.lse.ac.uk/27939/> In English, French, German, Italian, Simplified Chinese, Mandarin & Japanese versions

## **Human dignity, not human sinfulness**

- **An access objective**
  - Electricity for the 1.5 billion who would be left out by the 450 ppm objective
  - **A sustainability objective**
    - *Eradicate emissions of black carbon. (5-10% of human forcing)*
    - *Reduce tropospheric ozone. (5-10%)*
    - *Protect tropical forests*
    - *Accelerate energy efficiency.*
  - **A resilience objective**
    - *Why should the Dutch be protected from sea surges and not the Bangladeshi?*
- Decarbonisation as a contingent benefit**

# Obey The Iron Law

'Hartwellite' R.Pielke Jr, *The Climate Fix*, 2010

- No policy **will succeed in any of the democracies which proposes actions that** increase the 'felt' cost of living for voters
- So we must have **LOWER** energy costs where Low Carbon sources are **CHEAPER** to consumers than fossil fuels, especially in the Global South, *without subsidy*

## So energy innovation is the name of the post-Kyoto paradigm

- **Hartwell starts to prescribe new forms of** innovation development that avoid 'lock in'
- Funded by country-specific **national very LOW (\$4-5/ton)** hypothecated **carbon taxes, like the 2010 Indian Rs50/ton coal tax**

## ***Conclusions***

- **It is better to travel hopefully than to argue fruitlessly**
- **The Japanese announcement at COP16 has had the courage to speak an uncomfortable truth for everyone that will permit the journey to begin**
- **Hartwell provides the road-map**

***So get travelling!***

