

GLOBAL WARMING AND THE DEVELOPMENT PROCESS

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Three criteria:

1 – Historical principles of justice

2 - Entitlements and capacities

3 – Sustainability

Any reflection on the ***two first*** criteria leads to one clear conclusion:

the developed world has the responsibility to take action.

However, the demands of ***sustainability*** ought to fall upon everybody equally.

Any reflection on the potential future emissions (*and also on the costs of their potential abatement*), leads to another clear conclusion:

***the non-developed world
will have to play an important role.***

*Particularly the countries which are in an
intermediate level of development:*

the “semi-periphery”.

from
dichotomy
to
trichotomy

INDICATORS:

Historical principles of justice: ANNEX 1

Entitlements/capacities: HDI

Sustainability: CO2 EMISSIONS (UNDP)

Group	Type	CO ₂ Emissions 2004 (Mt)	Emissions Evolution 1990-2004	Number of countries
CENTER (35)	High	More than 140	Growth	10
	Low	10 to 140	Growth	13
	Falling	Any	Fall	12
SEMI-PERIPHERY (72)	High	More than 140	Growth	22
	Low	10 to 140	Growth*	50
PERIPHERY (70)	Periphery	Less than 10	Any	70
<u>TOTAL</u>	-	-	-	<u>177</u>

21

* 8 exceptions

Group		CO ₂ Emissions 1990	CO ₂ Emissions 2004	Growth
CENTER HIGH (10)		32,4%	32,4%	27,1%
SEMI-PERIPHERY HIGH (22)		40,4%	47,8%	50,3%
CENTER LOW (13)		1,9%	2,2%	32,8%
SEMI-P LOW (50)		5,8%	6,1%	32,7%
CENTER FALLING (12)		19,2%	11,3%	-25,3%
PERIPHERY (70)		0,3%	0,3%	8,3%
TOTAL (177)		100,0	100,0	27%

The 30 key-nations = 78% of 2004 emissions

United States	China	Thailand
Japan	Indonesia	Argentina
Canada	Brazil	Turkey
United Kingdom	India	Philippines
Korea	Mexico	Algeria
Italy	South Africa	Malaysia
France	Iran	Venezuela
Spain	Saudi Arabia	Tanzania
Australia	Nigeria	Myanmar
<i>(Netherlands)</i>	Congo	Egypt

Conclusion

If a previous agreement is reached between the 30 key-nations, this may persuade the other 165 to make a good Post-Kyoto Protocol.

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Appendix

Abatement potential by region

McKinsey:

Abatement potential for greenhouse gases by region

**In GtCO₂e per year by 2030
(costing up to 40 euros/ton)**

Eastern Europe	1,6
Western Europe	2,5
North America	4,4
Other Developed	2,5
China	4,6
Other Developing	11,1
Total	26,7

McKinsey: % of global emissions – 2030

Regions	BAU	After abatement
Eastern Europe	9	11
Western Europe	8	7
North America	15	14
Other Developed	11	13
China	18	18
Other Developing	39	37
TOTAL	100	100