

Capitalistic Approach to Solidarity Energy for Ecodevelopment

Hélène CONNOR et Damien Ollivry

ECO - GLOBAL FORUM

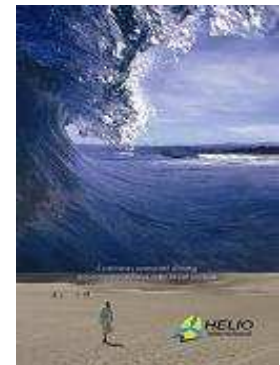
THE RING DIALOGUE: Connecting Northern-Southern Citizens

24-26 October 2011 – International Dialogues
Barcelona, Spain

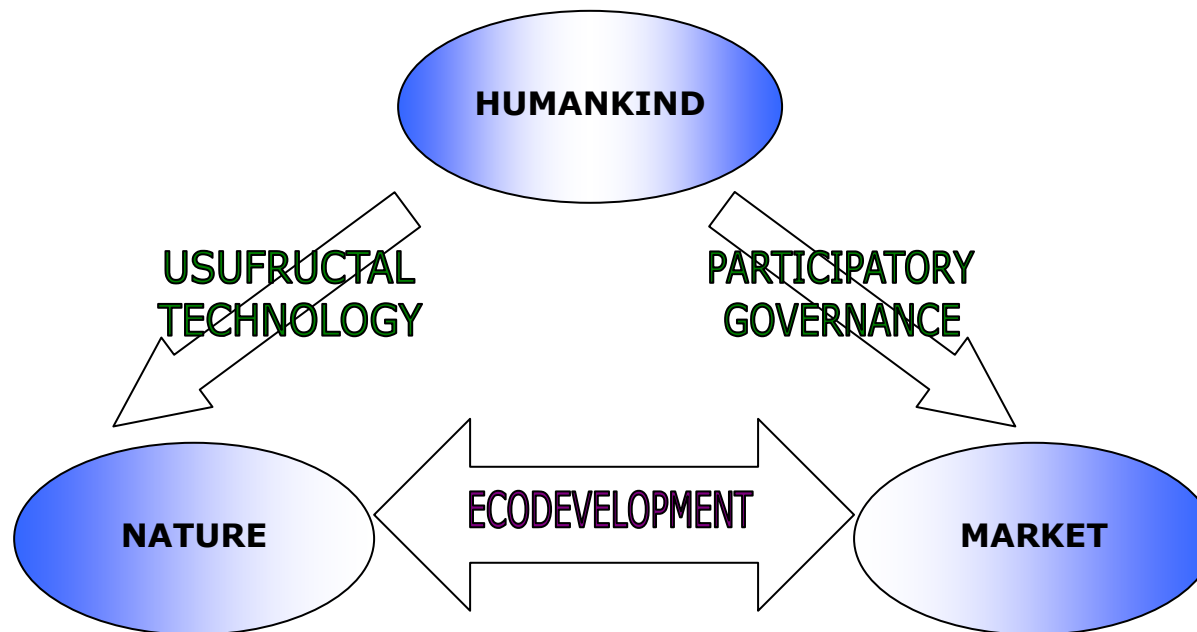


HELIO International

- HELIO International is an international NGO thinktank of leading energy analysts whose common goal is to **promote sustainable and equitable development (ecodevelopment)**.
- HELIO experts carry out **independent evaluations** of national energy policies and inform citizens as well as decision-makers about their effectiveness. They also analyse and advise on **ecodevelopment, participatory governance and climate stabilisation**.
- HELIO's core activity is **Sustainable Energy Watch**. SEW's objective is to measure progress towards sustainable energy and ecodevelopment practices nationally, regionally and globally.



HELIO International Philosophy



Humans, utilising usufructal technologies use natural resources; through participatory governance, markets are controlled and regulated. It is through these processes and interactions that ecodevelopment is achieved.

(Source: HELIO International)



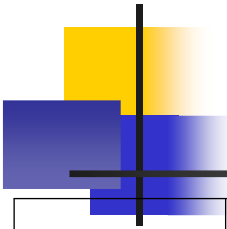
Five Forms of Capital

- Natural: the Environment
- Human: the People
- Social: its institutions (formal, informal)
- Economic: the Markets (incl. finance)
- Material: all that is produced

Capitalistic Approach

FORMS OF CAPITAL	ELEMENTS	SERVICES	OBSTACLES: OECD COUNTRIES	OBSTACLES: LESS DEVELOPED COUNTRIES
NATURAL	Environment Ecosystems	Basic needs: food, water, natural resources	Global contamination Lack of free space	Careless exploitation Destruction of virgin habitat
HUMAN	Population Local aptitudes	Manpower Management	Rural exodus Lack of free time	Overpopulation Disease
SOCIAL	Institutions Networks Culture Religion	Quality of life Stability Peace	Poverty Income disparity	Cast systems
ECONOMIC	Markets Financial system	Jobs Income Dignity	Productivity: fewer and duller jobs Corruption	Opacity; Debt Capital flight; MNC corruption
MATERIAL	Infrastructure Buildings	Standard of living Mobility	Deindustrialisation Concentration	Poverty Lack of infrastructure

Building Solidarity using the Capitalistic Approach



Forms of Capital	OBSTACLES: OECD COUNTRIES	OBSTACLES: LESS DEVELOPED COUNTRIES	SUGGESTED SOLUTIONS	TOOLS FOR FAIR DEVELOPMENT
NATURAL	Global contamination Lack of free space	Careless exploitation Destruction of virgin habitat	Environmental protection	Implementation of legislation to protect the Global Commons
HUMAN	Rural exodus Lack of free time	Cities overpopulation Diseases	Education Training Health care	Professional schools Local medical services Universal access to energy
SOCIAL	Poverty Income disparity	Caste systems	Redistribution of local riches locally Citizens involvement Gender parity	Participatory decision-making Promotion of local networks Improved land tenure Creation of unions for the unemployed
ECONOMIC	Productivity: fewer and duller jobs Corruption	Opacity; Debt Capital flight -MNC Corruption	Transparency of transactions Ban of tax havens	Control of fund transfers and bank practices Just taxation "Publish what you pay"
MATERIAL	Deindustrialisation Centralisation	Poverty - Lack of infrastructures	Promotion of good sharing Efficiency	Decentralisation of energy production



Building Solidarity using Energy Development

- Energy systems are both the **key** and the **Achille's heel** of our societies , in the North and in the South
- In unstable times / wars, they are a favorite target and require special protection.
 - Current rush on African resources.
- Unconsciously humankind has been at war with its own environment for a long time. Large energy installations have been a major contributor to:
 - Destruction of habitats (biodiversity)
 - Soil degradation and loss (desertification, nuclear and other wastelands)
 - Air and water pollution
 - Disruptions of natural cycles (carbon) and genetic patrimony
 - ...

Weather/Climate risk mostly due to the energy sector

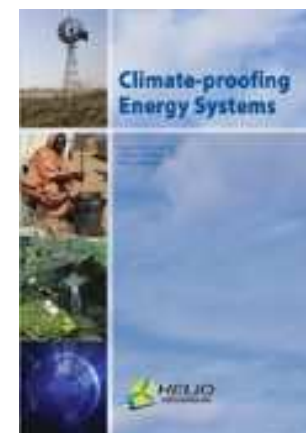
Now nature retaliates visibly and in no uncertain terms to preserve its own balance...



Example of Solidarity Building: Project Vulnerability-Adaptation-Resilience (VAR) in Africa

- Assessment of the vulnerability of energy systems in ten African countries:

Benin, Burkina Faso, Cameroon, Democratic Republic of Congo, Kenya, Mali, Nigeria, Senegal, Tanzania, Uganda
- Identification of their assets of resilience (state of the five forms of capital)
- Recommendations to reinforce capacity to face globalisation





Energy Independence in the Face of Globalisation

- Energy systems can be made more resilient with:
 - Good siting practices
 - Diversification of sources
 - Better design, manufacturing and use
 - Closeness of supply and demand → **decentralisation**
- But first they must be part of a **genuine strategy of ecodevelopment**:
 - Devised and adopted by **citizens** living in the area (Agenda 21)
 - Environmentally sane
 - Technologically and economically sustainable



Example of Solidarity via Civic Involvement in Energy Policies

Energy systems are a strategic public good put under the care of citizens and of responsible authorities. They require:

- **Balanced energy governance between suppliers and users**
 - Participatory energy decision-making with accountability
 - Public awareness, skills and means (Councils of Users-CUBEs)
 - Free and early access to relevant information
- **Integration with ecodevelopment planning and policies**
 - Institutional mechanisms, capacities and structures (Agenda 21)
 - Sustainable livelihoods to reduce overall vulnerability
- **Preparedness: Organisational capacities and coordination**
 - Early warning systems and trained emergency teams
 - Collective contingency planning

Thank you for your attention!



Hydro, Eolien, Light, Insulation, Organomass

[Home](#) → [About HELIO](#) → [Indicators](#) → [Projects](#) → [Resources](#) → [Get Involved](#)

[Site Map](#)

[Home](#)
[Indicators](#)
[Projects](#)
[Resources](#)
[About HELIO](#)

HELIO International: an independent network of energy analysts

HELIO is composed of a network of energy analysts who identify, assess, measure and publicise the contribution of energy systems and policies to **ecodevelopment** (sustainable and equitable development).

HELIO develops tools that are shared with other analysts and NGOs worldwide. HELIO's indicators are used to evaluate national energy systems and policies and to inform decision-makers about their effectiveness. HELIO's two principle indicator sets are:

- **Sustainable Energy Watch (SEW):** measures progress towards sustainable energy and development practices
- **Vulnerability-Adaptation-Resilience (VAR):** measures the vulnerability and resilience of national energy systems to climate change.

HELIO also developed **CDM indicators** to assess the contribution of clean development mechanism (CDM) projects to the sustainable and equitable development of host countries. These indicators helped the Designated National Authority (DNA) of several countries develop their own assessment criteria. The indicators were also the basis for the work of **SouthSouthNorth** and the international **Gold Standard**.

[Read our reports by moving your cursor over the map below](#)

Click on "reports" within the country box to access the report year of interest.

[Complete list](#) of reports, by year Regional Reports: [1997](#) | [2002](#) | [2006](#)

Publications: *Climate Impacts on Energy Systems*
a new World Bank publication that uses HELIO's vulnerability and adaptation indicators.

Climate Change, Disasters and Electricity Generation
IDS paper that draws on HELIO's seminal work on energy system vulnerability.

HELIO's Annual Report - 2010

HELIO & The Gold Standard: How HELIO Helped Establish The Gold Standard

Also....read our **HELIO Newsletter** as well as articles by HELIO members in: *La revue Liaison l'Energie Francophonie*

www.helio-international.org

