



Université Européenne d'Eté 2003 - Chalons-en-Champagne, 7 - 17 juillet 2003

ENSAM Université de Technologie de Troyes, Conférence des
Directeurs des Ecoles et Formations d'Ingénieurs, Ville de Chalons, Ville
de Troyes, Région Champagne -Ardennes, APREIS

Technologie et Développement Durable en Europe Technology and Sustainable Development in Europe today

The link. The linked. The linking

Eco-industrial connections, solidary economy
world governance, partnerships of local projects

Ethics, Esthetics, Politics and Science of Sustainability

A challenge, a positive imaginary, a part of seduction, a feeling for others,
a female breath of life, colour coffee and taste of bread

Léo Dayan

The sustainability concept opens a new field of scientific, aesthetic, cultural and ethical studies: the link, the linked and the linking. It imposes limits on development, those which the bond maintenance requires, but opens new trajectories those which the bond creation explores, and communicates a share of seduction and feeling to it, the positive imaginary and the breath of life that are arisen by the conscience and the bond implementation. Sustainability is represented in the feminine it adopts its face its intuition and its history. The concept of sustainability is interested in the interrelationships and registers them within a global system in which the assertion of the world unit constrained its diversity. However it allows simultaneously, being about the human society, to recognize the specificity, the interactivities and the degrees of this diversity freedom and to build new solidarity. If it considers as a starting point the systems theory and calls upon the methodological holism, it leads to a new universalism which pours by no means in the development of freedom killing policies. A system can use, according to given situations, several different paths, and it is sustainable only if it ensures within the framework of shared standards and ethics a determining role to the premises, condition of its own reproduction. If its initial justification lies in the need for meeting the species survival conditions it lies as well in the seduction share as the sustainability imaginary carries within, with the risk of chaos: reconciliation

This way encourages men left to technician and commercial civilization to dreaming and delivers them from discrepancies and Robinhoodings of which "Friday", causing disciplinary bulk-headings, tasks specialization, the prevalence of organizational verticalities, the monopoly of the expert, the methodological individualism, cultural imperialisms and economic insularisms: the Universal and the Different (d), Theory and Practice, Reality and Virtuality, North-South, Society and Individuality, Industry and Nature, City and Environment, Authority and Freedom, Risk and Precaution, Law and Dream.

It invites to rebuild in the Transdisciplinary the development concept to connect ethics, politics, culture, aesthetics and science and to escape from a system whose productivist functional logic and ethnocide logic would remain unchanged. Industrial ecology and interdependent economy are then necessary to think this renewal. One and the other establish, in the eyes of sustainability's duty and aesthetics their relevance by the common recourse to the reciprocity principles and to the co-operative steps "over the fence" of the proximity ("virtual" or "physical"), to the citizen energy, to the local cultural genius, to local autonomy, to confidence, to social responsibility and to cross circulation of the information put in network and synergy. By rebalancing, by the premises rationalities of the market and the State, they make prevail civil energy, human engineering, the networks of projects territories, the contract and the immaterial capital on technological machinery, lawful temptation, territorial jurisdictional yoke and commercial standardization.

The intensive use of resources, the systemic dematerialization of economy and the substitution of resources and information productivity to that of work, and the setting in loop and in network of the territories establish the ecology of sustainability, allowing an interactive bond economy, primarily regional, and leading to a society of use richness and social bond. The economic gravity center slips from production to local management, from the owner to the consumer citizen, from fossil energy to informational energy, from the individual aggregate to the mobile work team. Local knowledge, projects networks, the enterprising and associated civil energies of the premises and the local environmental inheritance become the actors of the global, drawing another world. To reconceptualize and to redesign the industrial system in terms of ecosystems and to pass from the world and perimeters government without citizenship to multilateral and global world global sustainability, a major anthropological and technological and social issue for the hyper industrialized societies and an aesthetic, cultural and ethical challenge for development.

Sustainability privileges man to man relation over man to object relation. It limits the man's power of will on the object, on nature and other men. It substitutes confidence in the human's future for men's administration and for technician arrogance and for cultural folds and for the merchant power. Initially female, it is a breath of life which weaves again the bonds of the living one, and restores to coffee the colour of the morning and to bread the taste of life. It is also women's way of emancipation and of the cultural rebalance of forces historically and educationally established by man at North or South.

Wasn't a woman to have initiated the concept world widely ?