

Project Workshop  
“Green Economy Scenarios in the Mediterranean Region”

# Models for environmental assessment of household consumption

December , 5<sup>th</sup> 2013  
Collegio Carlo Alberto  
Via Real Collegio 30  
Moncalieri (Torino)

Collegio Carlo Alberto



**Università degli Studi di Torino**  
**Dipartimento di Management**



**UNIVERSITA' DEGLI STUDI DI TORINO**  
Dipartimento di Economia e Statistica "Cognetti de Martiis"



United Nations  
Educational, Scientific and  
Cultural Organization

UNESCO Chair in  
Sustainable Development  
and Territory Management

*Sociology of consumption needs tools for the evaluation of the environmental sustainability of the way people produce and consume. Several consumption patterns (or more generally lifestyles) are claimed to be sustainable but evaluation of different social scenarios from an environmental point of view is quite difficult to achieve and suitable tools are required.*

*Padovan et al., 2012.*

*Methodologies and early results in the application of the Energy Analysis Program to the Italian context. Energy Issues and Social Sciences, Theories and Applications, Eds. Alfredo Agustoni and Mara Maretti, McGraw-Hill publication, Chapter 6:61-69*

*Shaping a sustainable path of development represents a major challenge that will lead to important changes in the production and consumption processes of the upcoming decades. While many environmental issues, including climate change, can be addressed by available technologies any transition towards a more sustainable world will strongly depend on people's willingness to adopt the best available practices.*

*Bravo et al. 2013*

*Alternative scenarios of green consumption in Italy: An empirically grounded model.  
Environmental Modelling & Software, 47:225–234*

9:00

*Welcoming*

**R. Marchionatti**

President , Collegio Carlo Alberto

**B. Contini**, *The Germe project*

Collegio Carlo Alberto

9:30

*Opening*

**M. Galeotti**, *Green Economy between mirage and reality*

University of Milan and IEFE, Bocconi University. President of the Italian Association of Environmental and Resource Economists (IAERE)

10:10

*Ecological economics and indicators*

**M. Bagliani**, *New accounting tools for measuring the socio-economic use of ecosystems*

IRES – Economic and Social Research Institute of Piemonte

**F. Eboli**, *Economic implications of Climate Change in the Mediterranean*

FEEM - Fondazione Eni Enrico Mattei

11:10

*Sustainability and consumption processes*

**O. Arrobio**, *Knowing rebound effect: could it lead to a change in the repertoire of ecological actions?*

Department of Culture, Politics and Society, University of Torino

11:40

*Coffee Break*

12:00

*Standard and hybrid models for environmental assessment*

R. Beltramo, **A. K. Cerutti\***, F. Martini, D. Padovan, M. B. Pairotti, E. Vesce, *Development of hybrid models for assessing environmental burdens of household consumption*

\*IRIS - Interdisciplinary Research Institute on Sustainability

**M. Kissinger**, *An Interregional Sustainability Approach for Natural Capital Accounting – The Case of Israel's Grain and Meat Consumption*

Ben-Gurion University of the Negev

13:00

*Lunch Break*

**14:15**

**Models of energy consumption**

S. Dalmazzone, **V. Frontuto\***, *Green tariffs and household electricity consumption: An agent-based simulation*

\*Department of Economics and Statistics, University of Torino

**G. Garrone\***, S. Giaccaria, *Motivation, social interaction and behavioral costs in residential energy conservation*

\*Department of Economics and Statistics, University of Torino

**15:15**

**Coffee Break**

**15:30**

**Social model for consumption patterns**

G. Bravo, A. K. Cerutti, M. B. Pairotti, **E. Vallino\***, *Alternative scenarios of green consumption in Italy: An empirically grounded model*

\*University of Torino

**F. Bartiaux**, *Family dynamics and social practice theories: an Investigation of Daily Consumption Practices*

Université catholique de Louvain, Institute for the Analysis of Change in Contemporary and Historical Societies

**16:30**

**Round table**

**17:15**

**Closing**

**Participation is free.**

**Please book your presence sending an email to:**

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