

2nd Geoprogress Global Forum

International Conference

on

SUSTAINABILITY AND ENERGY ISSUES

**September 7-8, 2017, Bruxelles**

(Regione Veneto, Av. de Tervueren,67- 1040 Brussels)

The “Geoprogress Global Forum (GGF)” is an international initiative promoted by the *Geoprogress Journal,*  which is an open access e-journal, submitted to a double-blind peer review, edited by Geoprogress. This is a non-profit organisation founded by Italian academics out of various disciplines and universities for contributing to the progress of humanity, namely to build a better world, and enhance peace and well-being, interdependence between nations, emancipation from starvation and other humiliating deprivations .

The GGF is open to scientists, experts, politicians and anyone around the World who wants to contribute to overcome the above problems. Furthermore it would contribute to initiate a people global network with the same world concept and intentions and therefore help to urge the international policies of their States in the same direction. Each edition focuses on different problems of territory development, from local to global scale, and debates policies, management models and action proposals. In the edition 2017, the second, the GGF intends to focus on energy security and sustainability needs facing the present market and resistances to change. In particular, it aims:

* to analyze current energy geography, which involves great differences in energy problems in different territories and requires different solutions and overall a new re-launch of cooperation among people for a sustainable development;
* to discuss the strategies of energy security for humanity in sustainability and put forward policies and regulations, nationally and internationally.

Its purpose is not only to give continuity to the debate concerning the global environment issues that should be constantly in the spotlight of the scholars and public decision makers; but also to try to further involve the scientific community in the global problems. This community should contribute not only to find techniques, of production and organization, that are increasingly sustainable, but also to identify and remove resistances and obstacles toward the diffusion of such techniques and toward the satisfaction the energy needs of billion people.

This international conference is one of the main moment of the Forum, which then continues both with the publication of scientific papers and developing the debate over the web, and other initiatives until 2018. *It is* ***organised with the collaboration of the Regione Veneto (Italy), University of Verona and the Energy Department of Polytechnic of Torino.***

**CALL FOR PAPERS**

The Geoprogress Organizing Committee is pleased to invite authors to submit papers to be presented to the International Conference on "Sustainability and Energy Issues". Your active involvement in this Call for papers provides an excellent opportunity to contribute to the development of the global energy community.

The Conference intends to discuss key issues around:

how to provide energy (electricity, natural gas and oil) world needs in sustainability;

how to stop short-term increase the consumption of fossil fuels and to reduce it long-term;

in what ways, with what technical innovations, you can reduce the energy intensity;

what are the best policies to incentivize energy efficiency;

how to help poor countries to develop more sustainable energy and to meet the energy requirement to illuminate millions of homes that are still lacking;

how to finance energy and ecological transition worldwide.

The programme will include sessions around the above issues and several related topics among which:

Geography of sources of production and consumption (current situation and trends); Unmet needs in underdeveloped countries; Geography of the diffusion of renewable sources; Agriculture and energy, energy and transport; Techniques and modes of energy-saving; Unbundling in energy markets; regulation of transmission and distribution systems; Smart grid technologies; Smart grids and demand side flexibility; Impact of renewable and distributed generation on networks; geopolitics of energy sources; Energy and sustainability transitions; European energy and climate policies; Energy transition in Europe, US, China, India and elsewhere, Resistances and obstacles to the development of sustainable energy; Policies for a sustainable production with the forecasted needs of humanity to 2050;Renewable energy: policies and good practices; Energy, production scale and location; Energy market: structure and tendencies**;** Strategies and management issues of energy companies; trends of energy technology costs.

#### How to submit a paper

Every paper will be proposed for publication to the ***GeoProgress Journal***. So every paper, as well as intervention and report, has to be edited according the norms and format ("Style Guidelines…") you find in [**www.geoprogress.eu/publications**](http://www.geoprogress.eu/publications), and will be submitted to peer review.

**Abstract** (max 200 words) should be sent **by June 30,** 2017***to i******nfo@geoprogress.eu***

**Full paper** should be sent by **August 15,** 2017.

Acceptance of the paper for presentation to the Conference (and submission to referees) will be communicated to authors by August 15, 2017, and acceptance for publication by mid October.

**DRAFT PROGRAM OF THE CONFERENCE**

**Thursday: September 7, 2017**

**Morning**

08:30 - 09:00 Registration of participants

*9:00 Opening Greetings :* Geoprogress (10'), Regione Veneto (5'), EU (5') Sponsor (5') (1/2- hr.)

9:15- 11:00  **World Energy Issues: needs, problems, policies and perspectives**

Chairman: Francesco Adamo (Geoprogress)

 *Introduction*

 *Reports*

 *Jesse Scott* \*(IEA), Energy geography and/or Scenarios to 2050*,*

 *Valeria Palmisano* (Edison), WEC's Energy performances

 (ENEA)

 *Keynotes*

 Technological Innovation: evolution trends and energy perspectives, Federico Testa (ENEA)

 European policies for energy sustainability, *Mercedes Bresso* (European Parliament)

11:00 - 12:30 **Best technologies for energy sustainability.**

 *Roberto Zangrandi* (EDSO for smart grid)

 Speakers: Susanne Nies\* (ENTSOE), ENGIE, ABB, Siemens, T&D

 Europe, ENEA.

14:00 - 15:30 **European Energy transition** .

Workshop chaired by *Flavio Zanonato*\* (European Parliament)

 Speakers: *Mark Van Stiphout* (EC-DG Energy) ,

 *Nicola Melchiotti\** (ENEL),

 *Tim Cayford*\* (Eurogas),

 *Christian Egenhofer\** (CEPS)

**(\*) to be confirmed**

15:30 - 17:00 *Presentation of papers in parallel sessions*

**A) Production and distribution of energies. Geographical and Technical issues**

a) *Geographical issues:*

1) Energy market geography: trends, perspectives and proposals for sustainability.

2) Geo-economics and geopolitics of energy. Business strategies and policies of State institutions.

*b) Technical issues*

3) Techniques of energy production and distribution: tendencies and innovation, perspectives of sustainability

17:00 - 18:30

**B) Energy consumption: tendencies, future needs, technical innovation in progress and perspectives.**

5) Energy consumption in production processes**: a) agriculture**

6) Energy consumption in production processes: b) in **the processing and machinery**

7) Consumption of energy **in transport** according the means of transport and circulation pattern

**Friday: September 8, 2017**

**Morning**

 9: 30 - 11:00*Presentation of papers in parallel sessions*

**C) Energy efficiency by settlement pattern and building techniques**

8) Sustainability of building techniques

9) Sustainability of spatial model of organisation of human activities and of transport networks

**D) How to provide energy for one billion people living without light**

10) Fund mechanisms

11) Which the most sustainable technologies? (ecologically, economically, socio-culturally)

11:00 - 12:15 Workshop

**Sustainable energy for all needs an alternative development. Policies and Experiences**

Chairman: Gianfranco Cattai\* (FOCSIV)

Speakers : UN Agency (Energy for all) USA, Russia, China, European Union, NGOs, Corporations

12:15 - 12:30 Closing Ceremony

**ORGANISATION**

*Responsible for the GGF*

Francesco Adamo, Prof. Emer. of Economic Geography, President of Geoprogress Onlus.

*Steering Committee of the GGF***:** Bjorn Asheim (Norway and Sweden)**,** Huseyn Bagci,(Turkey)**,** Vincente Bielza de Ory (Spain), Vladimir Kolossov (Russia), Sergio Conti (Italy), Elena Dell’Agnese (Italy), Labadi Fadwa (Palestine),Claudio Minca (Nederlands)**,** Julian V. Minghi (USA), Maria Paradiso (Italy), Petros Petsimeris (France), Stephane Rosiere (France)**,** Christian Vandermotten (Belgium), Peter Wiltshier (United Kingdom).

*Scientific Committee of the GGF 2017* : Federico Testa (ENEA),Riccardo Basosi (Siena), Sue Roaf (Edinburgh), George Gross (Urbana, Illinois), Marco C. Masoero (Torino), Patrizia Lombardi (Torino) and Emanuela Colombo (Milan).

*Executive Committee of the GGF 2017(to be completed):* Silvino Salgaro (University of Verona), Angioletta Voghera andAndrea Lanzini (Polytecnic of Torino).

*Secretariat of the GGF 2017*

 Geoprogress (Onlus) : Edoardo Ardizzone (edo.ardizzone@gmail.com)

 Polytechnic of Torino, Energy Department: Maria Pia Martino (mariapia.martino@polito.it)

 Università di Verona: Lucia Masotti (lucia.masotti@univr.it)

 *Information:* info@geoprogress.eu

**REGISTRATION FORM AND FEE, FOR THE CONFERENCE**

Deadline to send registration form and fee is **June 30, 2017**, but all who wish to attend the Conference, including experts representing the organizations invited to attend, are encouraged to send their completed application form, to info@geoprogress.eu as soon as possible.

The registration fee is **€ 140,00** and includes:, social dinner and lunch, coffee break, organisation and publication of the papers approved by two referees. The fee must be paid within the due date, with **Bank transfer** to Geoprogress (Novara, via Perrone 18) at Banca Prossima, Fil. 5000, Novara (Italy) *c/c* ***16996*** *Abi* ***03359*** *Cab* ***01600****Cin ,*

Code Iban: **IT22V0335901600100000016996**

**Those who** can not participate to the conference but **wish to contribute with a paper to the** special number of the **GeoProgress Journal** do not have to pay the fee: they are just **invited to send a donation**, even small, to support the activities of Geoprogress as non-profit organization

Any further request may be directed to **info@geoprogress.eu**

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 ***International Conference on***

 ***SUSTAINABILITY AND ENERGY ISSUES***

 Brussels, September ,7-8

Torino (Italy), 3-4 May 2016

Aula Magna, Rectorat of University of Torino

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**Registration form**

**To be sent to: info@geoprogress.eu**

*Name……… Surname…*

*Title ……. Occupation…..*

*Affiliation…. Country*

*Address*

*e-mail address Telephone Mobile*

*Date and modality of payment of the registration fee. ………………….*

*I wish to speak in the debate: no yes*

*Possible theme of my speech:*

*I wish to send a written contribution: no yes*

 *Title and summary of my paper:*