



Venice Office
Regional Bureau for Science
and Culture in Europe



UNESCO School in South East Europe

SUSTAINABLE ENERGY GOVERNANCE IN UNESCO DESIGNATED SITES

Dubrovnik, Croatia
29 September – 5 October 2012

Second Announcement

In collaboration with



**Croatian
Commission
for UNESCO**



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Background note

Sustainable energy is a global priority it is a top priority for the United Nations and myself as Secretary-General, because it is central to everything we do, and central to everything we want to achieve (UN Secretary-General's remarks at Davos 2012).

Energy displays a high multidimensional nature since it has a strategic interaction with regard to the environment, peace, national and international security, economic development and growth.

This is a major issue of the UN agenda. In June 2009 the UN Secretary General appointed the Advisory Group on Energy and Climate Change (AGECC) and the UN led global initiative of promoting sustainable energy for all in the next two decades.

The centrality of energy in sustainable development and climate change mitigation has been also reconfirmed by the recent international conference of Rio+20 as stated in its main commitments for action enclosed in the document "**The future that we want**". Here is an appeal for energy that is accessible, cleaner and more efficient according to the *sustainable energy for all* campaign. It is linked to the need to advance greener and more efficient energy technologies along with the adoption of energy efficiency measures to be adopted in urban and territorial planning, buildings, transportation, etc.

The current and next generation of scientists, policy makers, public-private managers are called upon to meet these new challenges. Consequently, UNESCO and the international community should be prepared to offer more ambitious educational programmes with particular emphasis in countries and regions where renewable energy and energy efficiency are at early stages of development and implementation like in South East Europe.

UNESCO has been entrusted by the international community in promoting education and international cooperation on renewable energy since the establishment of the World Solar Commission in 1995.

The Declaration on Solar Energy and Sustainable Development of the World Solar Summit in Harare recognizes the significance of the role of renewable energy to reduce environmental degradation caused by the adverse impact of human activities. As a result, UNESCO has become the executing agency for the Global Renewable Energy Education and Training Programme (GREET) focused on:

- Enhancing national capacities and knowledge base
- Sharing of scientific knowledge and best practices;
- Promoting energy policies;
- Supporting pilot initiatives;
- Providing technical assistance.

UNESCO has been pursuing these goals worldwide in collaboration with the international Sustainable Energy Development Centre (ISED), UNESCO Chairs on Renewable Energy (RE) and through the support of its Field Offices, including UNESCO Venice Office. Lately REs have become increasingly intertwined with climate change due to a broader recognition of the growing role of energy in achieving the Millennium Development Goals (MDGs) and in climate change mitigation policies, facing a global trend of continuing growth in energy consumption.

In consideration of the above, having also in mind that the United Nations General Assembly declared 2012 the International Year of Sustainable Energy for all, the UNESCO Venice Office - UNESCO Regional Bureau for Science and Culture commits to educate, training, networking and promote conference activities on renewable energy in SEE. The chosen strategy is to employ a crosscutting approach, by leveraging the knowledge and expertise of UNESCO programmes and merging external resources accordingly. In such a perspective, the Office has been working during

the last years in sustainable development and sustainable energy related issues by interfacing natural sciences with social sciences, cultural and natural sites.

With this in mind The UNESCO Regional School represents an unique educational opportunity to enhance capacity building in sustainable energy by conveying in a single venue a substantial capital of knowledge developed in UNESCO designated sites (World Heritage Sites and Biosphere Reserves) in Europe. These sites have proved they have an important word to say about sustainability, in terms of education, management, and scientific knowledge to be regionally shared and possibly applied.

Experienced lecturers will highlight, through which methodologies, to link advanced technology in the field of energy efficiency and the preservation of historical buildings and natural settings. A broad array of narratives from UNESCO designated sites in Eastern and Western Europe will constitute the backbone of the front desk part of the school. However, renovation and adaptation of physical structures alone won't exhaust the educational purpose of the course since the energy governance issue will also be investigated. In particular, trainees will be taught how to manage energy into the planning and management of UNESCO designated cultural and natural sites, and how to use traditional to contemporary buildings.

The course will also include a number of team working sessions and on field exercises which will use the World Heritage Site of Dubrovnik as a real training scenario laboratory.

Finally, trainees will also participate in the **International Conference 'Delivering Smart, Sustainable and Inclusive Growth in Historic Towns'** (Dubrovnik, 4-5 October 2012) which will be part of the UNESCO School programme and where they will present the outputs of their work at the final day of the conference.

Goals

- Offer educational support to World Heritage and Biosphere Reserves local-central governmental officials, sites planners and managers, scientists, practitioners and researchers with applied interest on sustainable energy governance issues;
- Build capacities on renewable energy and energy efficiency promotion using UNESCO designated sites as site for learning and sharing knowledge,
- Strengthen the dissemination of information on renewable energy and energy efficiency potentials in the region.
- Enhance problem solving capacity and critical thinking through the adoption of an interdisciplinary approach of sustainable energy issues.
- Promoting the interface between young researchers and practitioners with industrial partners of high profile for the improvement of summer school technical provision and follow up

Target group

With its interdisciplinary approach the School targets a broad audience that includes World Heritage and Biosphere Reserves managers, scientists, practitioners and researchers with applied interests in sustainable energy governance issues in cultural and natural sites, preferably but not exclusively in UNESCO designate sites, from following countries in South East Europe: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Greece, Montenegro, Romania, Slovenia, Serbia, The former Yugoslav Republic of Macedonia, Turkey as well as UNMIK/Kosovo¹. Women are encouraged to apply.

¹ References to Kosovo shall be understood to be in the context of security Council Resolution 1244 (1999).

No fees will be required by selected participants. The organizer will cover full board accommodation costs. Official language of the school is English.

Requirements

The following candidates are eligible to apply:

- Current postgraduate students (master's and PhD candidates) in natural and human sciences on sustainable energy governance related topics;
- Postdoctoral researchers in natural and human sciences on sustainable energy governance related topics.
- Graduated energy related professionals working in the public (municipalities, agencies, research institutes) or private sectors (enterprises, NGOs, etc.) with at least 3 years of experience in the field of Sustainable Energy.
- Knowledge of and work practice in UNESCO designated sites would be an advantage.

All candidates should have good knowledge of English. They should work in teams and in an interdisciplinary fashion. They will be required to take part in all the activities foreseen in the school programme. At the end of school, they will be required to make a public presentation as decided and assigned with the tutor(s) on a particular module/theme at the conclusive session of the International Conference '**Delivering Smart, Sustainable and Inclusive Growth in Historic Towns**'.

Students will receive an official Certificate of Attendance.

Application

Application shall be submitted by email to veniceoffice-sc@unesco.org and to d.poletto@unesco.org.

Candidates shall provide their CV and a short letter of motivation (both documents in English).

Deadline for application is 12 September 2012.

Selected candidates will be notified of the outcome of evaluation by September 14.

Organizers & Contacts

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PROGRAMME

Saturday 29 September

- 18.00 Welcome to participants.
Students' registration, staff and school presentation (classes organisation, material, field trips and extra curricula activities)
- 20.00 Summer School Welcoming cocktail

Sunday 30 September

- 9.00 **Summer School Opening, Representative of the partner organisations, Course Introduction**
- I Session: Sustainable Energy Governance in World Heritage Sites**
- 9.30 **Introduction to Sustainable Energy, Energy Governance and UNESCO Designated Sites** (Davide Poletto)
- 10.00 **Combining conservation with sustainable energy governance: a methodological approach** (Nicholas Heath)
- 11.00 *Coffee Break*
- 11.30 **Continuation**
- 13.00 *Lunch*
- 14.00 -17.00 **Open discussion/team work**
Tutorship: N. Heath, V. Klepo, D. Poletto

Monday 1 October

- II Session – Sustainable Energy Governance and Sustainable Energy Action Plans**
- 9.00 **Energy policies and Planning: from the EU covenant of Mayors to climate actions plans in cultural and natural sites** (F. Musco)
- 10.00 **Roundtable**
- 11.00 *Coffee Break*
- 11.30 **Team work/SEAP Sustainable Energy Action Plans into practice**
Tutorship: F. Musco, D. Poletto
- 13.00 *Lunch*

III Session – Sustainable Energy Governance in UNESCO Designated Sites in South East Europe

- 14:00** **Managing Energy Efficiency in Cultural Heritage Sites: drawing insights from South East Europe experience** (V. Klepo)
- 15.00 – 17.00** **Open discussion/team work**
Tutorship: N. Heath, V. Klepo, D. Poletto

Tuesday 2 October

IV Session - Sustainable Energy Governance in Biosphere Reserves

- 9.00** **UNESCO Biosphere Reserves (BRs) running on renewable energy – a methodological approach from the Grosses Walsertal valley** (B.R. Hornsteiner)
- 10.00** **Open discussion/team work**
Tutorship: N. Heath, V. Klepo, D. Poletto
- 11.00 Coffee Break*
- 12.00** **Continuation**
- 13.00 Lunch*

V Session – Sustainable Energy, Historical Buildings and Local Communities

- 14.00** **Energy Performance Certification of historical buildings in UNESCO designated sites in SEE** (TBI)
- 15.00** **Local communities and the planning of renewable energy plants in cultural and natural heritage: Local consensus, cultural settings and economic perspectives** (I. Poullos)
- 16.00-17.00** **Open discussion/team work**
Tutorship: N. Heath, V. Klepo, I. Poullos

Wednesday 3 October

VI Session: Industrial Partners Contribution to Sustainable Energy in Designated Sites

- 9.00** **Industrial Partner's narratives and contribution on Sustainable Energy in designated sites** (ICE-OICE expert)
- 11.00 *Coffee break*
- 11.30** **Open discussion/team work** Tutorship: N. Heath, V. Klepo, D. Poletto
- 12.00 Instructions to the study visit of the WHS of Dubrovnik and following tasks
- 13.00 *Lunch break*

VII Session: working on site

- 14:00** **Creation of working groups and assignment of duties. Visit and field work at the World Heritage Site of Dubrovnik**
Tutorship: N. Heath, B.R. Hornsteiner, V. Klepo, D. Poletto, I. Poullos

Thursday 4 October

- 9.00** **Team work**
Tutorship: N. Heath, B.R. Hornsteiner, V. Klepo, D. Poletto, J. Poullos
- 13.00 *Lunch break*
- 14.00 -17.30** **Team work**

Friday 5 October

- 9.00** ***Participation at the International Conference 'Delivering Smart, Sustainable and Inclusive Growth in Historic Towns'***
- 13.00 *Lunch break*
- 14.00** **Team Work**
Tutorship: N. Heath, B.R. Hornsteiner, V. Klepo, D. Poletto, I. Poullos
- 15.15 – 16.00** **Teams final presentations at the International Conference 'Delivering Smart, Sustainable and Inclusive Growth in Historic Towns'**
- 16.00 – 16.15** **Certificate award ceremony**

Saturday 6 October

 Departure