

SCIENTIFIC AGENDA OF THE ATHENS
SB04MED EVENT
(<http://sd-med2005.conferences.gr>)
9-10-11 June 2005
CONFERENCE AND TRAINING
CENTRE OF THE NATIONAL BANK OF
GREECE

Under the auspices of

- *the Minister of Development*
 - *the Mayor of Athens*
 - *the Central Union of Municipalities and Communities of Greece*

Thursday 9 June 2005

9.00-9.30 Welcome - Registration

9.30-10.40 Speeches of Welcome

Opening and Speech of Welcome:

Mr Dimitris SIOUFAS, Greek Minister of
Development

Speech of Welcome:

Mrs Dora BAKOYANNI, Mayor of
Athens

Speech of Welcome: **P.VASILEIOU**,
Central Union of Municipalities and
Communities of Greece

Salutation of **SB05Tokyo**

Kazuo IWAMURA

Nils LARSSON, iiSBE

Salutation of the **SD-MED** Association:

Stella KYVELOU (GR)

Salutation of the **HQE** Association:

Dominique BIDOU (FR)

Salutation of the International Co-hosts:

Wim BAKENS, CIB

Monique BARBUT, UNEP/DTIE

Hirohisa AWANO, OECD

Lisa SIOLA, UIA/Greek Department

David PERIT PACE, UMAR

Luis ALVAREZ-UDE, Spanish GBC

H.E Bruno DELAYE, French

Ambassador to Greece

PROGRAMME DE L'ÉVENEMENT
INTERNATIONAL SB04MED D'ATHENES
(<http://sd-med2005.conferences.gr>)
9-10-11 Juin 2005
CENTRE DE CONFÉRENCES ET DE
FORMATION DE LA BANQUE NATIONALE
DE GRECE

Sous le Haut Patronage

- *du Ministre de Développement*
- *de Mme le Maire d'Athènes*
- *de l'Union Centrale des Villes et des Communes de Grèce*

Jeudi 9 Juin 2005

9.00-9.30 Accueil des participants -
Enregistrement

9.30-10.40 Salutations

Ouverture de la Conférence et Salutation
d'accueil:

Mr Dimitris SIOUFAS, Ministre de
Développement

Salutation:

Mme Dora BAKOYANNI, Maire d'Athènes

Salutation: **P.VASILEIOU**,

Union Centrale des Villes et des Communes de
Grèce

Salutation de l' **SB05Tokyo**

Kazuo IWAMURA

Nils LARSSON, iiSBE

Salutation de l' Association **SD-MED**:

Stella KYVELOU (GR)

Salutation de l' Association **HQE**:

Dominique BIDOU (FR)

Salutation des Organisateurs Internationaux

Wim BAKENS, CIB

Monique BARBUT, UNEP/DTIE

Hirohisa AWANO, OCDE

Lisa SIOLA, UIA/Département Grec

David PERIT PACE, UMAR

Luis ALVAREZ-UDE, GBC Espagnol

Bruno DELAYE, Ambassadeur de France en
Grèce

Thursday 9 June 2005**Plenary Session I****Rooms:** Aristotle, Plato**duration:** 10.40-13.30

Specific conditions (economic, social, environmental and cultural) defining urban sustainability, Sustainable building (SB) and Sustainable Construction (SC) in the Mediterranean region

Moderators: Dominique BIDOUE (FR, SD-MED), Stella KYVELOU (GR, SD-MED)

Languages: Greek, French, English

Jeudi 9 Juin 2005**Séance Plénière I****Salles:** Aristote, Platon**durée:** 10.40-13.30

Les conditions spécifiques, économiques, sociales, environnementales et culturelles définissant l'urbanisme durable, le bâtiment durable et la construction durable dans le Bassin méditerranéen.

Modérateurs: Dominique BIDOUE (FR, SD-MED), Stella KYVELOU (GR, SD-MED)

Langues : Grec, Français, Anglais

- 10.40-11.00** **KYVELOU Stella (Greece):**
«Espace urbain et stratégie de développement durable en Méditerranée: renforcer la coopération vers une vision et une application communes du bâtiment durable»
- 11.00-11.20** **LARSSON Nils (iiSBE):**
«Regional differences in the meaning of sustainable building»
- 11.20-11.40** **BIDOUE Dominique (France):**
«La Haute Qualité Environnementale (HQE), instrument du développement durable»
- 11.40-12.00** **AL ASSAF Safwan (Syria):**
«Towards better climatic responses in Architectural and Urban Design; an integrated approach in Syria»
- 12.00-12.20** **POUFFARY Stephane (France):**
«Integration of large solar thermal installations in Mediterranean building: illustration in 7 southern Mediterranean countries»
- 12.20-12.40** **KONES Matti (Israel):** *«Green building in the desert»*
- 12.40-13.00** **FINTIKAKIS Nicos (Greece):**
«La théorie d'Aristote, source d'inspiration pour une architecture durable»
- 13.00-13.20** **MORO Andrea (Italy):**
«The approach of sustainable building in Italy»
- 13.20-13.30** **Discussion**

Workshop 1: Definitions, approaches, methodologies, indicators and standards of Sustainable Building (SB) and environmental quality (EQ) in buildings.

Room: Aristotle, duration: 14.30-18.30

Moderators: Justo GARCIA-NAVARRO(ES), Jean HETZEL (FR)

Languages: Greek, French, English

Workshop 1a: Definitions and approaches. (14.30-16.15)

Moderator: Justo GARCIA-NAVARRO (ES)

Languages: Greek, French, English

Atelier 1: Les définitions, les approches, les méthodologies, les indicateurs et les normes pour le bâtiment durable et la qualité environnementale des bâtiments.

Salle: Aristote, durée: 14.30-18.30

Modérateurs: Justo GARCIA-NAVARRO (ES), Jean HETZEL (FR)

Langues : Grec, Français, Anglais

Atelier 1a: Quelles définitions, quelles approches? (14.30-16.15)

Modérateur: Justo GARCIA-NAVARRO (ES)

- 14.30- 14.50 LARSSON Nils (iiSBE):**
«Including sustainability issues in green building»
- 14.50- 15.10 BLEUS Jean-Marie, TIELEMAN David (Belgium):**
«La transdisciplinarité comme base structurelle du développement durable»
- 15.10- 15.30 HETZEL Jean (France):**
«10 ans de pratiques de la démarche HQE en France»
- 15.30- 15.50 BRANGANCA Luis, MATEUS R. (Portugal):**
«Sustainability Evaluation of Construction solutions»
- 15.50- 16.15 Discussion**
- 16.15-16.30 Coffee Break / Pause-Café**

Workshop 1b: Indicators, Methodologies and standards, standardisation of durability and sustainability in buildings, national and international progresses (ISO, CEN). (16.30- 18.30)

Moderator: Jean HETZEL (FR)

Languages: Greek, French, English

Atelier 1b: Les indicateurs, les méthodologies et les normes. La normalisation de la soutenabilité dans les bâtiments, démarches nationales et internationales (ISO, CEN). (16.30-18.30)

Modérateur: Jean HETZEL (FR)

Langues : Grec, Français, Anglais

- 16.30- 16.45 BIDOU Dominique (France):**
«La normalisation de la soutenabilité dans les bâtiments: Evolutions en France et à l'international»
- 16.45- 17.00 LOLLINI R., MERONI I. (Italy):**
«Development and application of a procedure for the assessment of the environmental sustainability of buildings»
- 17.00- 17.15 BRANGANCA Luis, KOUKKARI H., MATEUS R. (Portugal, Finland):**
«Sustainable design principles in construction»
- 17.15-17.30 GONZALEZ DIAZ Maria Jesús, GARCIA NAVARRO Justo (Spain):** *«Estimation of energy consumption of different housing construction systems in a case study in Spain»*
- 17.30- 17.45 HUETE FUERTES Ricardo, DUBRAVCIC ALAIZA Arturo (Spain, Bolivia):** *«The consumption of resources as an indicator of sustainability. Quantifying water consumption for the construction of housing»*
- 17.45-18.00 MOROPOULOU A., et al. (Greece):** *« Methodologies of total quality*

- control –environmental impact assessment in construction»
- 18.00-18.15** **SEDUIKITE Lina (Lithuania):** «*The role of indoor air quality and its effects on people well-being in sustainable development*»
- 18.15-18.30** **Discussion**

Workshop 2: Traditional and modern constructions: Best practices and failures in realized SB projects in the Mediterranean region.

Rooms: Plato (2a,2b), Protagoras (2c)
duration: 14.30-19.15

Moderators: René PESTRE (FR), Nikitas CHIOTINIS (GR)

Languages: Greek, French, English

Workshop 2a: Traditional construction, as a source of knowledge for modern sustainable construction. (14.30-16.30)

Room: Plato

Moderator: René PESTRE (FR)

Languages: Greek, English

Atelier 2: Les traditions et les constructions modernes: Les bonnes pratiques et les limites dans les projets de bâtiments durables en méditerranée.

Salles: Platon (2a,2b), Protagore (2c)
durée: 14.30-19.15

Modérateurs: René PESTRE (FR), Nikitas CHIOTINIS (GR)

Langues : Grec, Français, Anglais

Atelier 2a: Les traditions, source de connaissance pour la construction durable moderne. (14.30-16.30)

Salle: Platon

Modérateur: René PESTRE (FR)

Langues : Grec, Anglais

- 14.30-14.45** **MARTIN S., MATEOS L., CAÑAS I. (Spain):**
«*Traditional underground wine cellars, an example of sustainable construction in the Mediterranean area*»
- 14.45-15.00** **KALOGIANNIDOU V. (Greece):**
«*Solar protection and shading in Mediterranean constructions*»
- 15.00-15.15** **ROVERS Ronald (iisBE):**
«*An ancient Mediterranean benchmark for sustainable building? »*
- 15.15-15.30** **GEORGIADOU Zoe (Greece):**
«*Traditional and recycled construction materials in Greece: is their use feasible? »*
- 15.30-15.40** **AMARA Ornella, CARIOTI Attilio, AVANTI Giovanni (Italy):**
«*The ‘SUN & WIND’ Life-Environment Project*»
- 15.40-15.50** **SIATITSA Dimitra (Greece):** «*The ‘SUN & WIND’ Life-Environment project: Searching for the applicability of traditional bioclimatic practices of the Mediterranean in contemporary architecture.*
- 15.50-16.05** **HEIDARI Sh. (Iran):**
«*Effect of air movement in building design and human comfort*»
- 16.05-16.20** **KYVELOU St., ZOULIA K., KOUBOUNIS Ph. (Greece):**
«*La forme urbaine de la ville méditerranéenne et le concept moderne de la cité compacte*»
- 16.20-16.35** **SINOUE Maro (Greece):** «*Cycladic house: an environmental shelter*»
- 16.35-16.50** **Discussion**
- 16.50-17.00** **Coffee Break / Pause-Café**

Workshop 2b: Modern sustainable

Atelier 2b: Les constructions durables

construction projects: Best practices and failures. (17.00-19.15) Room: Plato

Moderator: Nikitas CHIOTINIS (GR)

Languages: Greek, French, English

modernes: les bonnes pratiques et les limites. (17.00-19.15) Salle: Platon

Modérateur: Nikitas CHIOTINIS (GR)

Langues : Grec, Français, Anglais

- 17.00-17.15 FISCHER Laurent-Marc (France):**
«*Quelle architecture contemporaine pour le développement durable? »*»
- 17.15-17.30 CARPUTI-SUCHODOLSKI Valentina (France):**
«*L'évolution du langage architectural dans la pratique contemporaine de la construction durable: Les choix appropriés*»
- 17.30-17.45 GONTIER Pascal (France):** «*L'architecture comme composante d'un écosystème urbain: exemple d'une piscine olympique écologique*»
- 17.45-18.00 MIRELLI Giuseppe, RIZZO Gianfranco, ROMANOS Panagiotis, SCACCIANOCE Gianluca (Italy, Greece):**
«*Energy load behaviours of Sicilian hotels: methods for the reduction of the annual consumptions*»
- 18.00-18.15 HETZEL Jean (France):**
«*Mise en œuvre d'une démarche HQE pour la construction des bâtiments à usage social*»
- 18.15-18.30 DRACOPOULOS P. (Greece):**
«*Experiences of facade rehabilitation towards sustainable construction Some examples of hotel buildings in Athens*»
- 18.30-18.45 CHRISSOMALLIDOU Niobe, THEODOSIOU Theodore (Greece):**
«*Sustainable designed and constructed public service building*»
- 18.45-19.00 GISAKIS N., CHOULIARAS I. (Greece):**
«*Presentation-critical analysis of energy function of a prefabricated building of TEI of Larisa and new proposition of bioclimatic design*»
- 19.00-19.15 Discussion**

Workshop 2c: Sustainable Olympics: experiences, plans and perspectives in hosting cities (14.30-19.00)

Room: Protagoras

Moderators: Dominique BIDOU (FR),

Panayotis GETIMIS (GR)

Languages: Greek, French, English

Atelier 2c: Jeux Olympiques et construction durable: expérience, plans et perspectives (14.30-19.00)

Salle: Protagore

Modérateurs: Dominique BIDOU (FR),

Panayotis GETIMIS (GR)

Langues : Grec, Français, Anglais

- 14.30-14.50 Keynote speaker:** «*The Sidney Olympic games, the World's first Green Olympics*»
- 14.50-15.10 CANAS Jordi (Spain):**
«*L'expérience de Barcelone- Ville Olympique 2000*»
«*The Experience of Barcelona, Olympic City 2000*»
- 15.10-15.30 KARTALIS Kostas (Greece):**
«*L'expérience d'Athènes-Ville Olympique 2004*»
«*The Experience of Athens, Olympic City 2004*»
- 15.30-15.50 Keynote speaker:** «*Les plans de la Ville de Paris, ville Olympique candidate 2012*»

- 15.50-16.10** **ALVAREZ-UDE Luis (Spain):**
*«The plans of Madrid, Olympic Candidate City 2012
 «Les plans de Madrid, ville Olympique candidate 2012»*
- 16.10-16.30** **MORO Andrea (Italy):**
*«The plans of Turin, Winter Olympic City 2006»
 «Les plans de Turin, Ville Olympique 2006»*
- 16.30-17.00** **Coffee Break / Pause-Café**
- 17.00-19.00** **Round Table: «Sustainable Olympics, an utopia? Social, environmental, cultural and financial aspects»**
Moderator: Panayotis GETIMIS (GR)

Workshop 3: Environmental quality and the community, user and social groups' participation in sustainable planning and design. Room: Estia-Athina, duration: 14.30-19.15, Modaretors: Rene PESTRE (FR), Carla BAER-MANOLOPOULOU (GR)

Languages: Greek, French, English

Atelier 3: La qualité environnementale et la collectivité, la participation de l'usager et des groupes sociaux.

Salle: Estia-Athina, durée: 14.30-19.15, Modérateurs: Rene PESTRE (FR), Carla BAER-MANOLOPOULOU (GR)

Langues : Grec, Français, Anglais

Workshop 3a: General aspects. (14.30-16.15)

Moderator: Rene PESTRE (FR)

Atelier 3a: Aspects généraux. (14.30-16.15)

Modérateur: Rene PESTRE (FR)

- 14.30-14.45** **CHIOTINIS Nikitas (Greece):** *«La demande de la durabilité et l'architecture durable comme paradigme culturel»*
- 14.45-15.00** **BARRIOS PADURA Angela, GARCÍA NAVARRO Justo, BARRIOS SEVILLA Jesús, FERNÁNDEZ PORTERO Christina, MARIÑAS LUÍS José Carlos (Spain):** *«Citizenship as an input in the assessment of sustainability in architecture and urbanism»*
- 15.00-15.15** **KOTSI Angeliki (Greece):** *«From the technology development and the space sustainability to the place sustainability»*
- 15.15-15.30** **KOUZELIS Ath., PSILOPOULOU I., PSILOPOULOS A. (Greece):** *«Particularités écologiques de la civilisation de l'Archipel Grec»*
- 15.30-15.45** **WITT Richard (United Kingdom):** *«The less the better: economy of means»*
- 15.45-16.00** **NGODI Etanislav (Congo):**
«La Méditerranée dans l'historiographie africaine»
- 16.00-16.15** **Discussion**
- 16.15-16.30** **Coffee-Break / Pause-Café**

Workshop 3b: Best practices of implementing sustainability in school buildings, Lycées HQE in France. The LIFE-Environment SB-MED Project. (16.30-19.15)

Moderator: Carla BAER- MANOLOPOULOU

Atelier 3b: Les bonnes pratiques dans les bâtiments scolaires, les lycées HQE en France. Le projet LIFE-ENVIRONNEMENT 'SB-MED'. (16.30-19.15)

Modérateur: Carla BAER- MANOLOPOULOU

(GR)

Languages: Greek, French, English

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Langues : Grec, Français, Anglais

- 16.30-16.45** **TOURRE Pierre (France):**
«*Lycée à Haute Qualité Environnementale du PIC Saint Loup, SAINT CLEMENT DE RIVIERE (34)*»
- 16.45-17.00** **FRANCESE Dora (Italy):** «*Sustainability evaluation methodology for school design under Mediterranean climate*»
- 17.00-17.15** **TPIANTI Eufrosini (Greece):** «*Sustainability in retrofitting of school buildings designed as an environmental awareness game for students and teachers*»
- 17.15-17.30** **GUTIERREZ DE TERAN Anturo, GARCIA GARCIA Manuel, ANTUNA ROZADO Carmen (Spain):**
«*Sustainable school buildings in Asturias, Northern Spain*»
- 17.30-17.45** **PESTRE René (France):**
«*Le Lycée HQE Maryse Bastié à Limoges*»
- 17.45-18.00** **BOEDEKER Jens (Germany):**
«*Greening open spaces: good practices of user participation in school buildings of Berlin-Pankow*»
- 18.00-18.15** **KASSIMI Maria (Greece):**
«*Outcomes from four youth conferences about “sustainable school” in Greece*»
- 18.15-18.30** **FIISS Bernhard (Germany):**
«*Ecological redesigning of school open spaces adapted to the needs of children in Berlin*»
- 18.30-18.45** **KYVELOY Stella (Greece):** «*The SB-MED LIFE-Environment Project*»
- 18.45-19.00** **MAROULI Cristina (Greece):** «*The Programme LIFE-Environment and the sustainable building*»
- 19.00-19.15** **Discussion**

Workshop 4: Sustainable Urban rehabilitation and regeneration, Sustainable Urban management.

Rooms: Pythagoras, Heraclitos
duration: 14.30-19.30

Moderators: Michel SENIMON (FR), Pascal GONTIER (FR)

Languages: Greek, French, English

Atelier 4: Réhabilitation urbaine durable, Renouveau urbain et Développement Durable, Gestion urbaine durable.

Salles: Pythagore, Héraclite
durée: 14.30-19.30

Modérateurs: Michel SENIMON (FR), Pascal GONTIER (FR)

Langues : Grec, Français, Anglais

Workshop 4a: Which models of urban development in the Mediterranean basin? (14.30-16.30) **Room: Pythagoras**

Moderator: Michel SENIMON (FR)

Languages: Greek, French, English

Atelier 4a: Quels modèles de développement urbain dans le bassin méditerranéen? (14.30-16.30) **Salle: Pythagore**

Modérateur: Michel SENIMON (FR)

Langues : Grec, Français, Anglais

- 14.30- 14.45** **RUBIO GONZALEZ Francisco Jose (Spain):**
«*Integrated strategies for the creation of residential sustainable*

- communities in Madrid: The «Eco-Valle» Operation»*
- 14.45- 15.00 ORTELLI Luca (EPFL, Switzerland):**
«Identities Urbanes, Rapports entre ville contemporaine et ville ancienne»
- 15.00- 15.15 MENDES DA SILVA J.A., RAMOS Ana T. (Portugal):** *«Directives towards a sustainable urban rehabilitation process in old cities»*
- 15.15- 15.30 CHRISOMALLIDOU Niobe, THEODOSIOU Theodore (Greece):**
«Sustainable rehabilitation of an urban road to a pedestrian street»
- 15.30-15.45 KIKIRA Maria, NIKOLOPOULOU Marialena (Greece):**
«Rediscovering the Urban Realm and Open Spaces – RUROS project»
- 15.45- 16.00 ANASTASAKIS Manolis (Greece):** *«The emergence of natural, a condition of sustainability for the urban»*
- 16.00-16.15 Discussion**
- 16.15-16.30 Coffee Break / Pause-Café**

Workshop 4b: Projects and tools of urban rehabilitation and regeneration urban environmental management issues. (16.30-19.30) Room: Heraclitos
Moderator: Pascal GONTIER (FR)

Languages: Greek, English

Atelier 4b: Opérations de renouvellement urbain durable et de gestion urbaine durable. (16.30-19.30) Salle: Héraclite
Modérateur: Pascal GONTIER (FR)

Langues : Grec, Anglais

- 16.30-16.45 AREF Yasser (Egypt):** *«Urban development of Alexandria's Waterfront»*
- 16.45-17.00 BRAVI Denis (France):** *«Sustainable development and urban renovation: The European Programme CONCERTO for the city of Ajaccio in Corsica»*
- 17.00-17.15 SANCHEZ OCAÑA F., AZNAR A.J., MONTEVERDE P. R., GARCIA-NAVARRO J. (Spain):** *«Wastewater depuration and reuse system for a rural tourism hotel in the “CABO DE GATA-NIJAR” natural area»*
- 17.15-17.30 HETZEL Jean (France):** *«Extension de la démarche HQE aux territoires»*
- 17.30-17.45 SILGADO Javier, JUAN JOSE Sendra, NAVARRO Jaime (Spain):**
«Waste collection systems in historic centres: Analysis of present situation, related to other urban infrastructures»
- 17.45-18.00 GARCÍA NAVARRO Justo, DEL RÍO MERINO Mercedes, RODRÍGUEZ MONTEVERDE Pilar (Spain):**
«Use and recycling of construction and demolition waste in Spain (Concrete and Masonry Debris)»
- 18.00-18.15 KALAVROUZOTIS I., APOSTOLOPOULOS Ch., DRAKATOS P. (Greece):** *«Environmental design for the safe reuse of treated wastewater effluents from W.W.T.P. in building blocks»*
- 18.15-18.30 IZQUIERDO GRACIA Pilar, DEL RIO MERINO Mercedes (Spain):**
«Legal regulation about construction demolition waste in Spain. Management Plan of the Community of Madrid»
- 18.30-18.45 TRABELSI Abdelwahed, KAMOUN Wassim (Tunisia):**
«Modelling and Forecasting Spatially Correlated Variables: The Example of the Pollutant Particles»
- 18.45-19.00 AGUIAR J., TABORDA P., AZEVEDO A., OLIVEIRA R. (Portugal):**
«Valorisation of MSW fly ashes in cement mortars»
- 19.00-19.30 Discussion**

Friday 10 June 2005**Plenary Session II****Rooms: Aristotle, Plato****duration: 10.00-13.00***Policies and strategies, perspectives and barriers for implementation of SB in the Mediterranean countries.***Moderators: Alexandros TSIATSIAMIS***(GR), Nils LARSSON (iiSBE)**Languages: Greek, French, English***Vendredi 10 Juin 2005****Séance Plénière II****Salles: Aristote, Platon****durée: 10.00-13.00***Les politiques, les stratégies, les perspectives et les barrières au développement dans le bâtiment durable dans les pays du bassin méditerranéen.***Modérateurs: Alexandros TSIATSIAMIS***(GR), Nils LARSSON (iiSBE)**Langues : Grec, Français, Anglais*

- 10.00-10.20 LARSSON Nils (iiSBE):**
«International policies for sustainable building: the role of iiSBE»
- 10.20-10.40 ROVERS Ronald (Netherlands, iiSBE):**
«Sustainable construction policies in Europe and worldwide: an overview»
- 10.40-11.00 SVENNINGSSEN Niclas (UNEP, DTIE):**
«The UNEP's Sustainable building and construction Programme»
- 11.00-11.20 EYTHIMIOPOULOS Helias (Greece):** *«Policies for ecological construction in Greece: Realities and perspectives of market development»*
- 11.20-11.40 SANTAMOURIS Matheos (Greece):**
«Energy Rating and Classification of Buildings in Southern Europe»
- 11.40-12.00 MOROPOULOU A. (Greece):** *«Policies and measures for the promotion of sustainable construction in Europe and Greece: Creation of new job profiles and activities»*
- 12.00-12.20 SALGADO Rafael (Spain):**
«The sustainable construction in Spain. Political Workplans»
- 12.20-12.40 CANAS Jordi (Spain):**
«The Catalanian Sustainable Building Programme»
- 12.40-13.00 Discussion**

Workshop 5: Policies and strategies, perspectives and barriers for implementation of SB in the Mediterranean countries.

Room: Aristotle, duration: 14.30-18.30

**Moderators: Andrea MORO (IT),
Richard WITT (UK)**

Languages: Greek, French, English

Atelier 5: Les politiques et les stratégies nationales, les barrières et les perspectives de la construction durable.

Salle: Aristote

durée:14.30-18.30

**Modérateurs: Andrea MORO (IT),
Richard WITT (UK)**

Langues : Grec, Français, Anglais

Workshop 5a: National, regional and local policies and strategies for the implementation of SB in the Mediterranean region. (14.30-16.30)

Moderator: Andrea MORO (IT)

Languages: Greek, French, English

Atelier 5a: Les politiques et les stratégies nationales, régionales et locales dans les pays méditerranéens.

(14.30-16.30)

Modérateur: Andrea MORO (IT)

Langues : Grec, Français, Anglais

14.30-14.45 FERRES PADRO Anna, PEDRALS PUGES Núria, CODINA BIGAS Mercè (Spain): «Plan pour le droit au logement, politiques de rehabilitation et d'épargne d'énergie en Catalogne»

14.45-15.00 LAZARI Eugenia (Greece): «New challenges for the implementation of the European Directive of the energy performance of buildings in Greece: experiences and perspectives»

15.00-15.15 CANTIN Richard, ADRA Nadine, GUARRACINO Gérard, MOURTADA Adel, MAAMARI Fawaz (France, Lebanon): «Evaluation des perspectives d'application d'une certification énergétique dans les bâtiments au Liban»

15.15-15.30 NIMER Osama (Palestinian Authority): «Sustainable Building and Construction "New Concept" in Palestine»

15.30-15.45 MILUTINOVIC Sl. (Serbia): «Transition in Serbia and the Challenge of Local Sustainable Development»

15.45-16.00 GARGARI Caterina, LUSARDI Alain (Italy): «Application of sustainability in recent public buildings competitions in Italy»

16.00-16.15 DOUKAS H., PATLITZIANAS D. K., PAPADOPOULOU A., PSARRAS J. (Greece): «Sustainable development through the CDM Opportunities in the Mediterranean Region»

16.15-16.30 Discussion

16.30-16.45 Coffee Break / Pause-Café

Workshop 5b: Education, training, sensitisation and communication issues. (16.45-18.30)

Moderator: Richard WITT (UK)

Languages: Greek, English

Atelier 5b: Education, formation, sensibilisation, communication. (16.45-18.30)

Modérateur: Richard WITT (UK)

Langues : Grec,Anglais

16.45-17.00 SANNA Daniela, ILIOPOULOS Periklis (France, Greece): «The ShMILE project for more sustainable hotels in the Mediterranean

islands and area through the EU-wide promotion of the EU eco-label for tourist accommodation services (ELTAS)»

- 17.00-17.15 TRIANTI E. (Greece):**
«Sustainability issues in architectural education-the integrated approach»
- 17.15- 17.30 TZANAKAKI Efterpi (Greece):**
«Raising public awareness towards a sustainable approach in building construction and use»
- 17.30- 17.45 MARKOYANNAKIS Yorgos (Greece):**
«Designing Energy Value into European Live Building Projects –DEVELOP»
- 17.45- 18.00 KHURRAM Shahid Malik (Pakistan):** *«Sustainable Development & Network Information»*
- 18.00- 18.15 LYTRAS K. (Greece):** *«The TPF BEST Project»*
- 18.15-18.30 Discussion**

Workshop 6: *Performance assessment of buildings, Institutional and technical aspects of Building performance, Performance assessment tools.*

Room: Plato, **duration:** 14.30-19.00

Moderators: Stella KYVELOU (GR), Maria KAROGLOU (GR)

Languages: Greek, English

Atelier 6: *La performance énergétique, Aspects techniques et institutionnels, Instruments et outils d'analyse et d'évaluation de la performance des Bâtiments.*

Salle: Platon, **durée:** 14.30-19.00

Modérateurs: Stella KYVELOU (GR), Maria KAROGLOU (GR)

Langues : Grec,Anglais

- 14.30-14.50 BUHAGIAR M.Vincent, YOUSIF Charles (Malta):**
«A Post-Occupancy Evaluation of Energy-Efficient Measures in the Housing Sector: A case study for Malta»
- 14.50-15.10 ESSA Reem, DIAB Youssef, MORAND Denis (France):**
«Etudes d'intégration des incertitudes dans les méthodes d'évaluation de la qualité environnementale des bâtiments»
- 15.10-15.30 SAFOURI G., GIARMA C., BIKAS D. (Greece):**
«Lifetime parameters in the assessment methodologies for the building environmental performance»
- 15.30- 15.50 TSIKALOUDAKI K., GIARMA Ch. (Greece):** *«Investigating the Impact of Urban Context on the Environmental Performance Of Buildings»*
- 15.50-16.10 KORONAKI Irini (Greece):**
«Towards a regulation for energy performance of buildings in Greece»
- 16.10-16.30 Discussion**
- 16.30-17.00 Coffee Break / Pause-Café**
- 17.00-17.20 MACIAS Manuel (Spain):** *«VERDE, an environmental assessment tool for buildings in Spain»*
- 17.20- 17.40 STANKEVICIUS V., KARBAUSKAITE Jurate (Lithuania):**
«The development of normative requirements in Lithuania for energy consumption reduction»
- 17.40-18.00 GRANQVIST Claes G. (Sweden):**

«Electrochromic smart windows for indoor comfort and energy efficiency: Recent progress»

18.00-18.20 KORTMAN Jaap, SEIJDEL Robin, VERLINDEN Jos, BURGGRAAFF Marjolijn (The Netherlands): *«DPL a Tool for measuring the sustainable performance of districts»*

18.20-18.40 GIARMA Chr., BIKAS D. (Greece):
«Towards the effective use of a modified version of GBPTool for the environmental performance assessment of buildings in Greece»

18.40- 19.00 Discussion

Workshop 7: Sustainable Use of building stock (SUBS), General and Regional aspects, Sustainable housing - maintenance issues, Evaluation instruments and tools.

Room: Estia-Athina, duration: 14.30-18.30

Moderators: Hirohisa AWANO (OECD),

Luis ALVAREZ -UDE (ES)

Languages: Greek, English

Atelier 7: Aspects généraux et locaux, Logement durable et maintenance Instruments et outils d'évaluation.

Salle: Estia-Athina

durée: 14.30-18.30

Modérateurs: Hirohisa AWANO (OECD),

Luis ALVAREZ-UDE (ES)

Langues : Grec, Anglais

14.30-14.45 AWANO Hirohisa (OECD):

«Sustainable Use of Building Stock: The OECD study»

14.45-15.00 ROVERS Ronald (iisBE):

«Existing buildings, a hidden resource, ready for mining? »

15.00-15.15 BARRIOS SEVILLA Jesús, BARRIOS PADURA Angela, GARCÍA NAVARRO Justo (Spain): *«Sustainability of traditional materials and techniques in the Mediterranean cities»*

15.15-15.30 JAURE Serge (France): *«SUNRISE: a large innovative demonstration project»*

15.30-15.45 KYVELOU St., POTHITAKI I. (Greece):

«L'utilisation durable du parc existant en Grèce: Réalités et perspectives»

15.45-16.00 CUKOVIC IGJATOVIC Natasa, IGJATOVIC Dusan (Serbia, Montenegro):

«Possibilities for Upgrading the Existing Building Stock in Belgrade»

16.00-16.15 Discussion

16.15-16.30 Coffee Break / Pause-Café

16.30-16.45 DEBOUVERIE Jacques (France): *«Le traitement de l'habitat insalubre a Paris: Un choix de développement durable»*

16.45-17.00 CSOKNYAI Tamás (Hungary):

«Summer thermal comfort and sustainable renovation of residential buildings made with industrial prefabricated technology»

17.00-17.15 BALARAS Kostas, DROUTSA Popi (Greece): *«Software for audits and multicriteria evaluation for the refurbishment of apartment buildings – INVESTIMMO»*

17.15-17.30 CUKOVIC IGJATOVIC Natasa, IGJATOVIC Dusan

(Serbia, Montenegro):

«Methodology for Sustainable refurbishment of Housing in Belgrade Region»

17.30-17.45 TRIANTIS E., BOUGIATIOTI Fl., OIKONOMOU Ain. (Greece):

«Environmental strategies in retrofitting of University buildings»

17.45-18.00 PAPAMANOLIS N. (Greece):

«Protection of buildings from environmental impact in Greece»

18.00-18.15 APOSTOLOPOULOS Ch., KALAVROUZIOTIS I. (Greece):

«Environmental attack remediative intervention in monuments with reinforced concrete»

18.15-18.30 Discussion

Workshop 8: Financial instruments to achieve energy efficiency, environmental quality and RES in buildings, innovative financial mechanisms, relevant market development.

Rooms: Pythagoras, Heraclitos

duration: 14.30-19.00

Moderators: Dominique SELLIER (FR), Kostas LYTRAS (GR)

Languages: Greek, French, English

Workshop 8a: What instruments and methods of financing energy efficiency, environmental quality and RES in buildings? What innovative mechanisms in Europe and in the Mediterranean countries? Examples of energy performance contracting and third part financing schemes. Development of the ESCOs market in the region.

(14.30-18.30) Room: Pythagoras

Moderator: Dominique SELLIER (FR)

Languages: Greek, French, English

Atelier 8: Les instruments financiers et les mécanismes financiers innovants, le développement des marchés.

Salles:Pythagore, Héraclite

durée: 14.30-19.00

Modérateurs: Dominique SELLIER (FR), Kostas LYTRAS (GR)

Langues : Grec, Français, Anglais

Atelier 8a: Comment financer la qualité environnementale? Quels mécanismes innovants pour le financement de l'efficacité énergétique et de la qualité environnementale? Exemples des contrats de performance énergétique et de financement par des tiers, Le développement du marché des ESCOs (Energy Service Companies) dans les pays Méditerranéens.

(14.30-18.30) Salle: Pythagore

Modérateur: Dominique SELLIER (FR)

Langues : Grec, Français, Anglais

14.30-14.50 FOURTOUNIS Petros (Greece): «Public-Private partnerships and energy investments»

14.50-15.10 LYTRAS Konstantinos (Greece): «Energy Performance contracts and energy services: framework and perspectives»

15.10-15.30 DAGIANTIS Christos (Greece): «EPC/TPF with energy efficiency, measuring and energy management equipment in buildings»

15.30-15.50 SYRRAKOU E., SKARPENTZOS N., PAPAETHIMIOU S., LEFTHERIOTIS G., YANOULIS P. (Greece):

«Development of electrochromic devices for energy saving in buildings»

15.50-16.10 CHAZAPIS Nikos (Greece):

«Building systems commissioning»

16.10-16.30 Coffee Break / Pause-Café

16.30-16.50 SELLIER Dominique (France):

«Instruments financiers pour la promotion de la qualité environnementale dans les bâtiments»

- 16.50-17.10 LYTRAS Kostas, KYVELOU St. (Greece):**
«Third party financing in rehabilitation of existing public buildings»
- 17.10-17.30 MATHAS Evangelos, GIANNAKIDIS Georgios (Greece):**
«Life cycle cost analysis in building refurbishment– LCC- Refurb project»
- 17.30-17.50 LAMBROPOULOU Eleni, LAZARI Eugenia (Greece):**
«Legal and financial framework for the energy refurbishment of post-war dwellings in Europe – FRAMES project»
- 17.50-18.10 PATLITZIANAS D. K., SIDERI I., DOUKAS H., PSARRAS J. (Greece):** *«The contribution of ESCOs to the sustainable development in the Mediterranean Region»*
- 18.10-18.30 Discussion**

Workshop 8b: *Integration of renewable energy sources in buildings, Development of solar systems market.*
(14.30-19.00)

Room: Heraclitos

Moderator: Kostas LYTRAS (GR)

Languages: Greek, English

Atelier 8b: *L'intégration des énergies renouvelables aux bâtiments et le développement du marché: le point fort méditerranéen?* (14.30- 19.00)

Salle: Héraclite

Modérateur: Kostas LYTRAS (GR)

Langues : Grec, Anglais

- 14.30-14.50 PARADISIADIS Iordanis (Greece):**
«The European Solar Thermal Market: Present Situation and Outlook»
- 14.50-15.10 LAMARIS Panos (Greece):**
«Solar Cooling in buildings»
- 15.10-15.30 LA GENNUSA M., LO COCO L., RIZZO G., SCACCIANOCE G. (Spain):**
«Energy Conservation and renewable energy use in the tourist sector: a case study in Sicily»
- 15.30-15.50 MARKOYANNAKIS Yorgos (Greece):**
«The Greek Market of Thermic Solar Systems»
- 15.50-16.10 TRYPANAGNOSTOPOULOS I., CHRISTODOULOU A., SOULIOTIS M. (Greece):**
«Integration of solar and wind energy systems in buildings»
- 16.10-16.30 Discussion**
- 16.30-17.00 Coffee Break / Pause-Café**
- 17.00-17.20 FITIKAS M., BOUSGOLITIS Chr., ANDRITSOS N. (Greece):**
« Geothermal energy applications in buildings»
- 17.20-17.40 SVENNINGSSEN Niclas (UNEP/DTIE):**
«The Renewable Energy Financing in the Mediterranean Region Project (MedREP)»
- 17.40-18.00 TZANAKAKI Efterpi, LYTRAS Konstantinos (Greece):**
«Integration of solar systems in the urban tissue – PRISM-BUST project»
- 18.00-18.20 LAZARI Eugenia (Greece):**
«Integrated building energy design: the experience of CRES»
- 18.20-18.40 KORONAKI Irini (Greece):**

«Application of the utilization factor methodology for the performance assessment of cooling requirements in buildings»

18.40-19.00 Discussion

Saturday 11 June

Round Tables (Invited speakers)
duration: 9.00-11.00

Round Table I (Aristotle): Methodologies, policies and standards for sustainable building and sustainable city in the Mediterranean.

Rapporteurs: *Dominique Bidou (FR), Stella Kyvelou (GR)*

Languages: Greek, French, English

Round table II (Plato): Building and city projects, systems and operations, where are we in the Mediterranean?

Rapporteurs: *Pascal Gontier (FR), Nikitas Chiotinis (GR)*

Languages: Greek, French, English

Round table III (Estia-Athina): Assessment and Evaluation Instruments and tools, where are we?

Rapporteurs: *Justo Garcia-Navarro (ES), Nicos Fintikakis (GR)*

Languages: Greek, French, English

Round table IV (Pythagoras or Heraclitos): Financial instruments and mechanisms, market development: realities and perspectives.

Rapporteurs: *Dominique Sellier (FR), Kostas Lytras (GR)*

Languages: Greek, French, English

Samedi 11 Juin

Tables Rondes (Intervenants invités)
durée: 9.00-11.00

Table Ronde I (Aristote): Les méthodologies et les politiques pour le bâtiment et la ville durables en méditerranée.

Rapporteurs: *Dominique Bidou (FR), Stella Kyvelou (GR)*

Langues : Grec, Français, Anglais

Table Ronde II (Platon): Les projets du bâtiment et de la ville, les opérations et les systèmes, où en est-on en méditerranée?

Rapporteurs: *Pascal Gontier (FR), Nikitas Chiotinis (GR)*

Langues : Grec, Français, Anglais

Table Ronde III (Estia-Athina): Instruments et outils d'analyse et d'évaluation, où en est-on?

Rapporteurs: *Justo Garcia-Navarro (ES), Nicos Fintikakis (GR)*

Langues : Grec, Français, Anglais

Table Ronde IV (Pythagore ou Héraclite): Les instruments financiers et le développement des marchés, faits et perspectives.

Rapporteurs: *Dominique Sellier (FR), Kostas Lytras (GR)*

Langues : Grec, Français, Anglais

Plenary Session III**Rooms: Aristotle–Plato****duration: 11.30-13.00*****Closing Plenary Session,******Summaries from Round Tables******Conclusions to be incorporated into the
SBC Mediterranean Report which will be
presented in Tokyo****Languages: Greek, French, English***11.30-11.45***Hirohisa AWANO: Towards SB05Tokyo***11.45-13.00****Rapporteurs:***Dominique Bidou (FR), Stella Kyvelou (GR)**Pascal Gontier (FR), Nikitas Chiotinis (GR)**Justo Garcia-Navarro (ES) Nicos Fintikakis (GR)**Dominique Sellier (FR), Kostas Lytras (GR)***Overall Rapporteurs:***Stella Kyvelou, Dominique Bidou***Discussants: Nils Larsson, Kazuo Iwamura****Séance Plénière III****Salle: Aristote-Platon****durée: 11.30-13.00*****Séance Plénière de clôture, bilan et
synthèse des tables rondes******Conclusions pour la rédaction du Rapport
«SBC» pour******le bassin Méditerranéen****(qui va être présenté à Tokyo)**Langues : Grec, Français, Anglais***11.30-11.45***Hirohisa AWANO: La Conférence**SB05Tokyo***11.45-13.00****Rapporteurs:***Dominique Bidou (FR), Stella Kyvelou (GR)**Pascal Gontier (FR), Nikitas Chiotinis (GR)**Justo Garcia-Navarro (ES) Nicos Fintikakis (GR)**Dominique Sellier (FR), Kostas Lytras (GR)***Rapporteurs Généraux:***Stella Kyvelou, Dominique Bidou***Commentaire: Nils Larsson, Kazuo Iwamura****Poster Session:****GONZÁLEZ DÍAZ María Jesús, GARCÍA NAVARRO Justo (Spain):***«Three low environmental terraced houses: a case of good practices in a central region of Spain».***STEFPOULOU Katerina, SIMADIRA Virginia, TRIADAFILLIDI Theodora (Greece):***«Designing a prototype: the integrated approach to environmental design of a residential building for the elderly in Patras».***NETTO DE JESUS Luciana (Portugal):** *«The Difficulties of Implementation of BIPV in Portugal, rejection or abstention? »***SIATITSA Dimitra (Greece):** *«The ‘SUN & WIND’ Life-Environment project: Searching for the applicability of traditional bioclimatic practices of the Mediterranean in contemporary architecture».*

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