

Center for Energy, Environment and Economy (CEEE)

Özyeğin University

UN Sustainable Development Program Goals Compliance Report

In January 2016, the sustainable development goals came into effect to guide the United Nations' Development Program (UNDP) policy and funding. Among these, **Goal 7 “Affordable and Clean Energy”** and **Goal 11 Sustainable Cities and Communities** have actually been studied by the Center for Energy, Environment and Economy since 2009 through a series of international and national research projects, events, and scientific publications conducted at Özyeğin University with a focus on the center's key research interests.

PROJECTS:

- CEEE developed new methods for Energy Efficient New Buildings in collaboration with its Spanish, Belgian, Swiss, and Italian partners within the scope of the **NEED4B Project (New Energy Efficient Demonstration for Buildings)**. NEED4B Project was funded under the European Union's 7th Framework Program and has recently been brought to completion. As part of the project, CEEE collaborated with FIBA Holding, FINA Energy, and B-Design from Turkey to build Turkey's most energy efficient academic building, OzU SCOLA.
- In the meanwhile, CEEE continues to develop new methods for Energy Efficient Renovation in collaboration with its Spanish, Belgian, and French partners within the scope of the ongoing **BRICKER Project (Total Renovation Strategies for Energy Reduction in Public Building Stock)** which is also funded under the European Union's 7th Framework Program. The BRICKER project aims to renovate the Faculty of Medicine building of Adnan Menderes University (ADU) in Aydın, Turkey, using active and passive systems. CEEE works with the Faculty of Engineering and Faculty of Medicine at ADU and Onur Energy, Izmir for this project.
- **TRIBE Project (TRaIning Behaviours towards Energy efficiency: Play it!)** was funded under the European Union's Horizon2020 Program and has recently been brought to completion. As part of the project, CEEE collaborated with its Spanish, Austrian, and Swiss partners to increase the system performance in energy efficient buildings through user engagement. This project is aimed at improving the Faculty of Engineering building at

Özyeğin University. CEEE collaborated with ORASS and Reengen from Turkey for this project.

- Within the scope of the **Capacity Development for Future Builders**, a project funded and completed under the CFCU Program, CEEE carried out several studies within the Çekmeköy district to promote energy efficiency literacy, build an energy efficiency infrastructure, and create an impact for energy efficiency in collaboration with EYODER and ENVER, project subsidiaries. As part of the project, CEEE also prepared Turkey's first Energy Efficiency Training Module for vocational and technical high schools.
- **NEXT GENERATION (NEXT-GEN)** was selected as one of the top 32 projects that have qualified to receive a grant among 4300 project applications submitted for the Transformers Fund call which was launched for the first time by the Islamic Development Bank. The project will kick off on March 1, 2019. The outputs of the NEW GENERATION project will be shared to be fed into both training and the renovation strategies for public buildings, first in 10 cities in the Southeast Anatolia region in Turkey, and then in Tunisia, Mauritania, and Niger. The project aims to educate local leaders of energy efficiency.

The projects brought to a completion by CEEE to date also include the bilateral cooperative project “**Risk Management of Energy Retrofits in Urban Development Projects**”, which was conducted in collaboration with Georgia Tech (Georgia Institute of Technology) and TÜBİTAK.

Other projects completed by CEEE towards the Sustainable Development Goals include “**How to Improve Inner City Freight Movements in Istanbul**”, a project developed and implemented in collaboration with DHL, and “**Methodology to conduct a strategic study for smart energy sourcing for the BSH Çerkezköy Facility**”, a sustainable energy analysis conducted in collaboration with Bosch-Siemens in the BSH Çerkezköy facility.

COLLABORATIONS:

- EMBARQ Turkey and Sustainable Transportation Association (STA, M.P. Mengüç, Founding Member)
- World Resources Institute (WRI-Turkey; M. P. Mengüç, Chair of the Advisory Board)
- Turkish Solar Energy Industry Association (GENSED; M. P. Mengüç, Honorary Member)
- UN Sustainable Development Solutions Network (UNSDSN; M. P. Mengüç, 2015-, Board Member)
- TÜBİTAK Energy Delegate; M. P. Mengüç, (European Union Programs, TR-US (NSF), Sustainable Energy Cooperation Delegate, 2009-2015)
- IMSAD (Sustainability Committee Member, M. P. Mengüç, 2015-)
- Slow Food Turkey Association (Founding Member and Auditor; Yasemin Somuncu, 2017-)

Academic Collaborations:

Courses designed under the CEEE:

- IBM-Funded 'CEEE-211 Zero-İstanbul' Course (Winner of IBM Global Award) (M. P. Mengüç, P. Özuyar)
- IMSAD-Funded 'Sustainable Materials, Energy, and Systems' Course (M. P. Mengüç, Ö. Bahadır, Y. Somuncu)

EVENTS:

The CEEE's activities were opened for discussion through the “Interdisciplinary Approaches for Higher Energy Performance” events.

CEEE was the main sponsor of the Sustainable Anatolia - Ilgaz Energy Workshop II from May 11 to May 13, 2018.

CEEE “Interdisciplinary Approaches for High Energy Performance” Events:

Following the International Architecture & Engineering Workshop for Sustainable Green Buildings, which took place in May 2011, Prof. Godfried Augenbroe from Georgia Institute of Technology gave a seminar titled “Support of Energy Retrofit Decisions at Multiple Scales”. The session “ScOLa -An Integrated Approach for Buildings” was held in April 2016 during the EKODESIGN 2016 Conference to discuss the performance outcomes of the ScOLa building at OzU following the design-construction-operation processes.

BUILDINGS IN THE NEAR FUTURE

Interdisciplinary Approaches for High Energy Performance - IV

The buildings of the future are already underway. It is very clear that high energy performance will be the new “normal” for the buildings of the future. “Scientific” and “Integrated” will be the two key concepts of this brand new era. To this end, CEEE takes on a holistic approach to study all of the required engineering concepts, architectural considerations, psychological needs, and associated sociological tendencies, as well as software amenities, and economic limitations during the necessary transition period for the buildings of the future. Yet, such a study is only possible through multi-layered collective efforts undertaken by multi-disciplinary groups. Therefore, CEEE organizes a series of events to bring researchers from different disciplines together to discuss their focused perspectives and create new syntheses about buildings with high energy performance.

The fourth “CEEE Interdisciplinary Approaches for High Energy Performance Buildings” event was held under the theme of “Buildings in the Near Future” on June 7, 2017 at YEM in collaboration with the Yapı Magazine.

This was also the only event held on behalf of Turkey during the EU Sustainable Week Energy Days.

APPROACH

In celebration of Özyeğin University's 10th anniversary in 2018, the first of a series of special events took place in the OzU Forum Area under the theme of "Approach" on October 17 and 18, 2018. During the first event designed by CEEE "OzU Interdisciplinary Thought", participants discussed recommended solutions for reducing the gap between different fields of work with the ultimate goal of bringing different disciplines together, and developing new strategic solution methods for complex problems. On its first day, the event brought together prominent speakers from different disciplines, including economics, architecture, gastronomy, engineering, law, psychology, physics, design, international relations and history. The first day's program also included a panel discussion held under the theme of "Impact". During the panel discussion, our invited speaker Mr. Yılmaz Büyükerşen, Mayor of Eskişehir Metropolitan Municipality, and our Rector Prof. Dr. Esra Gençtürk, highlighted the importance of interdisciplinary studies.

PUBLICATIONS ABOUT CEEEE:

- Y. Somuncu, M. P. Mengüç, **"Dimension of Energy Efficiency and Towards Zero İstanbul 2050"**, Enerji, November 2012
- Y. Somuncu, M. P. Mengüç, **"A Campus with Green Ideas: Özyeğin University Çekmeköy Campus"**, Ekoyapı, November 2012, in collaboration with Prof. M. Pınar Mengüç / in Turkish
- Y. Somuncu, M. P. Mengüç, The **"Energy-Efficiency-Core" Concept for a New Building**", PLEA 2015-31th International PLEA Conference ARCHITECTURE IN (R)EVOLUTION, Bologna, Italy, 9-11 September 2015
- M. P. Mengüç, Y. Somuncu, U. Simitli, B. Sefer, Ş. Çağlayan, S. Özkan, **"Integrated Engineering and Architecture for Energy Efficient Academic Buildings"**, 14th International Conference of the International Building Performance Simulation Association, Hyderabad – India, 7-9 December 2015.
- Q. Wang, R. Ocal, G. Augenbroe, M. P. Mengüç, P. Ozuyar, **"An Evaluation of Energy Efficiency Measures in a Turkish Campus Building for Thermal Comfort and Economic Risk"** 14th International Conference of the International Building Performance Simulation Association, Hyderabad – India, 7-9 December 2015.
- R. Family, S. Celik and, M. P. Menguc, **"Evaluation of Thermal Radiation and Conduction Transfer in Sustainable Building Materials"**, SBE16 Smart Metropolises, Integrated Solutions for Sustainable and Smart Buildings & Cities Conference, Istanbul, Turkey, October 13-15, 2016.
- G. Fidan, M. P. Mengüç, **"Evaluation of Thermal Comfort of a Classroom Environment based on Glass Optical Features"** SBE16 Smart Metropolises, Integrated Solutions for Sustainable and Smart Buildings & Cities Conference, Istanbul, Turkey October 13-15, 2016.

- A. Dönük, S. Sağlam, Ç. Diner, Y. A. Çengel, O. Günduru, Y. Somuncu, M. P. Mengüç, F. Orioli “An Application of Parabolic Trough Collector (PTC) System to a Hospital Building”, SOLARTR 2016
- Y. Somuncu, M. P. Mengüç, “**Brief Discussion of Energy Certification Systems for Buildings**”, SBE16 Smart Metropolises, Integrated solutions for Sustainable and Smart Buildings & Cities Conference, Istanbul, Turkey October 13-15, 2016.
- A. Dönük, S. Sağlam, Y. Çerçi, O. Günduru, Y. Somuncu, M. Pınar Mengüç, “**Advanced Energy Solutions at Complicated Buildings**”, SOLARTR 2018, İstanbul, Turkey, 6-7 December 2018.
- Y. Somuncu, M. P. Mengüç, “**Voluntary Certification Systems and Schemes Based on Energy Perspective**”, Republic of Turkey MoEU International Symposium on Energy Efficiency in Buildings, February 13-14 February 2017.
- A. Dönük, S. Sağlam, Y. Çerçi, O. Günduru, Y. Somuncu, M. Pınar Mengüç, “**Advanced Energy Solutions at Complicated Buildings**”, SOLAR TR 2018, 29-30 November, 2018

INVITED TALKS:

- 6-7 December 2018, **SOLARTR 2018**, Organised by: GÜNDER, Invited Speaker: Yasemin Somuncu, “Advanced Energy Solutions at Complicated Buildings”, İstanbul, Turkey
- April 2018, **Fourth Greenmetric Workshop, 2018**; Invited Lecture, ‘Bringing Sustainability to the Heart of a University through Teaching, Research and Service,’ Semarang, Indonesia, April 10, 2018. (the related paper was written with Esra Gençtürk, Rector, Ozyegin University).
- 19th April 2018, **World Cities Istanbul Conference 2018**, “Energy Management in Smart Cities”, Moderator and Invited Speaker, Istanbul
- 10 May 2018, **EU Sustainable Energy Days Event 1**, ‘Advanced Energy Solutions for Complex Buildings,’ Organizer/Moderator, TurkeyBuild 2018 at Yapi Fuarı, Istanbul, <https://eusew.eu/energy-days/ceeeeçem-energy-sessions-turkeybuild-istanbul-2018>
- 10 May 2018, **EU Sustainable Energy Days Event 2**, ‘Social-Behavioral Aspects of Energy Consumption,’ Organizer/Moderator, TurkeyBuild 2018 at Yapi Fuarı, Istanbul, <https://eusew.eu/energy-days/ceeeeçem-energy-sessions-turkeybuild-istanbul-2018>
- 12 May 2018, **Second Ilgaz Energy Workshop**, Invited Lecture, ‘Sürdürülebilir Kalkınma ve Kayıp Parça’, (Sustainable Development and the Lost Piece), Ilgaz, Çankırı, Turkey.
- 11-13 May 2018, **Ilgaz Enerji Çalıştayı – Sürdürülebilir Anadolu / Ilgaz Energy Workshop – Sustainable Anatolia**, Moderator: Yasemin Somuncu “Atölye Yeni Nesil”
- 24 January 2018, “**Empowering Cities – Innovative Strategies for Smart Buildings and Citizens**”, Y. Somuncu; Speaker and Roundtable Moderator for future H2020 projects, Madrid, Spain
- 2-6 July 2017, **CleanAir’2017, 13th International Conference on Energy for a Clean Environment**, Invited Keynote Lecturer Prof. Pınar Mengüç, “Pursue of Low-Carbon

Engineering: From Combustion Chambers to Sustainable Buildings,' Ponta Delgada, Sao Miguel, Azores, Portugal

- 2 July 2017, **Workshop on Sustainable Energy for Islands**, Invited Lecture, "Sustainable Buildings,' Ponta Delgada, Sao Miguel, Azores, Portugal
- 17 May 2017, "**Sıfır Enerji Mimarlığı'na Doğru / Towards Zero Energy Architecture**", Organized by: YEM, Invited Speaker: Yasemin Somuncu, YEM, İstanbul
- 7 June 2017, "Step by Step Integrated Project Delivery", Yasemin Somuncu; **Future Buildings – Interdisciplinary Approaches for High Energy Performance IV**, YEM, İstanbul
- 12-14 May 2017, "**İlgaz Enerji Çalıştayı – Sürdürülebilir Anadolu / Ilgaz Energy Workshop – Sustainable Anatolia**", Organized by: Southern Illinois University, Invited Speaker: Prof. M. Pınar Mengüç; Panel Moderatör: Yasemin Somuncu. Ilgaz, Çankırı.
- 13-14 February 2017, **International Symposium on Energy Efficiency in Buildings**, Organized by: Ministry of Environment and Urbanization, Invited Speaker: Yasemin Somuncu, "Evaluation of Voluntary Certification Systems through Energy", Anadolu Hotels Downtown, Ankara, For detailed information about the symposium; sempozyum.bevapro.com/
- 11-12 January 2017, **8th Energy Efficiency Forum and Exhibition**, Organized by: The Ministry of Energy and Natural Resources, Invited Speaker and Panelist: Prof. M. Pınar Mengüç, "Energy Efficiency Arena: Nation Action Plan on Energy Efficiency", WOW Convention Center, Istanbul, For detailed information about forum and exhibition; evf.gov.tr/
- 6-8 December 2016, "An Application of Parabolic Trough Collector (PTC) System to a Hospital Building", Yasemin Somuncu, **SOLARTR 2016**, İstanbul, Turkey
- 8-9 November 2016, **Smart Municipalities and Cities Summit**, Organized by: Marmara Municipalities Union, Invited Speaker: Prof. M. Pınar Mengüç, "Engineering and Architecture Intersections and Connections", Hilton İstanbul, For detailed information about the conference; www.abz.com.tr/
- 13-15 October 2016, "Brief Discussion of Energy Certification Systems for Buildings" Yasemin Somuncu, **SBE16, Integrated Solutions for Sustainable and Smart Buildings & Cities**, İstanbul, Turkey
- 31 October 2016, **The Future of Energy - Hello Tomorrow**, Organized by: Hello Tomorrow & Sabancı University Istanbul International Center for Energy and Climate (IICEC), Scientific Visionary Talk: Prof. M. Pınar Mengüç, Sabancı Center, İstanbul, For detailed information about the event; events.hello-tomorrow.org/event/the-future-of-energy/
- 7 October 2016, **WRI Building Efficiency Accelerator Project Opening Workshop**, Organized by: WRI Sustainable Cities, Invited Speaker: Dr. Özlem Bahadır, Eskişehir, Turkey
- 21 October 2016, **ŞİŞECAM 31th Glass Symposium, "Glass in the Sustainable Future"**, Organized by: Şişecam, Arbitration Committee Member and Session Moderator of "Furnace Technologies and Energy": Prof. M. Pınar Mengüç, Türkiye İşbank Technology and Operations Centre, İstanbul, For the detailed information about the Symposium; www.camsempozyumu.com/HomePage.aspx?lang=EN
- 17-19 October 2016, **SBE16 Thessaloniki, Sustainable Synergies from Building to the Urban Scale**, Organized by: Laboratory of Building Construction & Building Physics

(LBCP) of the Dep. of Civil Engineering in the Aristotle University of Thessaloniki, Invited Speaker: Prof. M. Pınar Mengüç, Thessaloniki, Greece, For detailed information about the Conference; sbe16-thessaloniki.gr/

- 13-15 October 2016, **SBE16 Smart Metropolises, Integrated Solutions for Sustainable and Smart Buildings & Cities**, Organized by: IMSAD Turkey, Supported by: CEEE/Özyeğin University, Invited Speaker: Prof. M. Pınar Mengüç, Swiss Hotel, İstanbul, For detailed information about the Conference; www.sbeistanbul.com/
- 16 May 2016, **SEES Sustainable Environment and Energy Systems Seminar**, Organized by: SEES METU Northern Cyprus, Invited Speaker: Prof. M. Pınar Mengüç, "Energy Efficiency for Sustainable Buildings", METU, Northern Cyprus, For detailed information on SEES Seminars; sees.ncc.metu.edu.tr/
- 26 April 2016, **EKO Design Conference 2016, "Design 4.0: New Generation Green"**, Organized by: YEM, Panelists: Prof. M. Pınar Mengüç & Yasemin Somuncu, (Special Selection by Yapı Journal: Anatomical Case Study: ScOLa Building, 14:00-15:00), YEM, İstanbul, Detailed information about the conference; www.ekodesignkonferansi.com
- 4-5 February 2016, **ÇEDBİK (Turkish Green Building Council) 2016 Congress**, Organized by: ÇEDBİK, Moderator: Prof. M. Pınar Mengüç, Session "Sustainable Building Management", InterContinental Hotel, İstanbul, Detailed information about the congress; yesilbinalarzirvesi2016.org/
- 7-9 December 2015, **IBPSA 2015 Building Simulation Conference, 14th International IBPSA Conference**, Organized by: International Building Performance Simulation Association (IBPSA), Invited speaker and Co-author of two conference papers: Prof. M. Pınar Mengüç, Hyderabad, India, Detailed information about the conference; www.bs2015.in/index.php
- 26 November 2015, **7th International Quality in Construction Summit**, Organized by: IMSAD Turkey, Invited Speaker: Prof. M. Pınar Mengüç, The Grand Tarabya Hotel, İstanbul, Detailed information about the summit; www.insaatzirve.com/
- 19-20 November 2015, **3. Livable Cities Symposium**, Organized by: EMBARQ Turkey, Invited Speaker: Prof. M. Pınar Mengüç, İstanbul Technical University, İstanbul, Detailed information about the symposium; www.embarqturkiye-yasanabilirsehirler.org/en
- 11-12 November 2015, **The Sustainable Development Goals in the G20 Countries Conference**, Organized and hosted by: Boğaziçi University - UN SDSN Turkey, Board Member: Prof. M. Pınar Mengüç, Detailed information about the conference; unsdsn.boun.edu.tr/en/25/sdsn-event
- 30 October 2015, **NEED4B Low Energy Buildings Symposium - Applications and Research in Belgium**, Organized by: University of Mons (UMONS), Invited Speaker: Yasemin Somuncu, "Integrated Engineering and Architecture for Efficient Energy use in New Academic Building", Mons, Belgium
- 13 October 2015, **H2020 Smart Cities and Communities (SCC) & Energy Efficient Buildings Public Private Partnership International Brokerage Event**, Organized by: TUBITAK, Özyeğin University and Istanbul Chamber of Industry, Opening Ceremony and Project proposal presentation: Prof. M. Pınar Mengüç, Odakule, İstanbul, For details; www.b2match.eu/smart-ist2015
- 9-11 September 2015, **PLEA 2015 Architecture in (R)Evolution, 31th International PLEA Conference**, Organized by: Passive & Low Energy Architecture (PLEA) and Building Green Futures (BGF), Invited Speaker and Co-author of presentation paper:

Yasemin Somuncu, Bologna, Italy, Detailed information about the conference; www.plea2015.it/

- 14-17 January 2015, **34th Energy Efficiency Week, 6th Energy Efficiency Forum and Fair**, Organized by: Ministry of Energy and Natural Resources, Directorate for Renewable Energy, Moderator: Prof. M. Pınar Mengüç, “Session 1: Current Status and Prospects of Energy Efficiency in Turkey”, (14-January, 14:30-16:30), WoW Convention Center, İstanbul, Detailed information about the forum and fair is available at; <http://www.evf.gov.tr/index.html>
- 25 December 2014, **CEEE Dialog II - 'Zero İstanbul 2050'**, Organized by: Center for Energy, Environment and Economy, Engineering Faculty, No:225, 09:00-12:00, Özyeğin University
- 20 November 2014, **Livable Cities Symposium**, Organized by: EMBARQ Turkey and İzmir Development Agency (İZKA), Invited Speaker: Prof. M. Pınar Mengüç, “Evolving City...Liveable City”-[Evolving-City---Liveable-City.pdf](#), İzmir Architecture Center, İzmir, <http://www.embarqturkiye-yasanabilirsehirler.org/en>
- 23-24 September 2014, **GREEN BUSINESS 2014: Sustainable Business Platform**, Organized by: Sustainability Academy, Invited Speaker: Prof. M. Pınar Mengüç, "Operating Sustainable Buildings and Performance Monitoring" Invited Speaker: Dr. Pınar Özuyar, "How Education for Sustainability should be at the Universities for Sustainable Business Models?", Zorlu Center, İstanbul, yesiliskonferansi.com/2014/en/
- 11 September 2014, **Mechanical Engineering Seminar, Sustainable Energy to Engineering at Nano-Scales: Impact of Radiative Transfer**, Invited Speaker: Prof. M. Pınar Mengüç, Organized by: Woodruff School of Mechanical Engineering, Georgia Tech University, Atlanta, ABD, www2.me.gatech.edu/www/calendar/view_seminar.asp?speaker=M.%20Pinar%20Menguc&startDate=9/11/2014&startTime=11:00%20AM
- 23-27 June 2014, **European Union Sustainable Energy Week - EUSEW 2014 Activities, Conference on Energy Efficient Buildings**, Brussels, Conference Co-hosted by three major EU Projects on buildings including CEEE’s NEED4B Project, Prof. M. Pınar Mengüç will present; “Integrated Architecture and Engineering for Sustainable Buildings”, Brussels, <http://www.eusew.eu/>
- 22 April 2014, **CEEE/EÇEM DIALOGUE Series I - "What's gonna happen to this world?"**, CEEE and ÖZÜ Science Society, Özyeğin University Forum Area. For detailed information: <http://ozyegin.edu.tr/Events/2014/-What%E2%80%99s-gonna-happen-to-this-world-%E2%80%9D?lang=en-US>
- 9-11 March 2014, **US-IL Workshop on Industrial Ecology in Multi-Scale Design and Construction of Sustainable Built Environments**, Organized by: Israeli Ministry of Construction and Housing and the Technion - National Building Research Institute (NBRI), Invited Delegate & Speaker: Prof. M. Pınar Mengüç, Dan Panorama Hotel, Tel-Aviv, Israel, Detailed information about the workshop is available at: <http://sustain2014.net.technion.ac.il/>
- 8 March 2014, **“Green Building Market in Turkey”**, Organized by: Turkish Society of HVAC and Sanitary Engineers, Invited Speaker: Yasemin Somuncu, “Integrated Architecture and Engineering, Advanced Engineering and Education”, ITU Gümüşsuyu Campus Mechanical Faculty, İstanbul

- 21 February 2014, **Gaziantep 2nd International Energy Summit**, Organized by: Gaziantep Metropolitan Municipality and Sustainability Academy, Invited Speaker and Moderator: Prof. M. Pınar Mengüç, “Industrial Energy Management and Efficient Use of Energy”, Şehitkamil Congress and Culture Center, Gaziantep, Detailed information about the summit is available at; <http://www.gaziantepenerjizirvesi.org/>
- 8-11 January, 2014, **33rd Energy Efficiency Week, 5th Energy Efficiency Forum and Fair**, Organized by: Ministry of Energy and Natural Resources, Directorate for Renewable Energy, Moderator and Invited Speaker: Prof. M. Pınar Mengüç, “Innovative and Integrated Concepts for New and Renovated Buildings”, (9-January, 14:00-16:30), WoW Convention Center, İstanbul, Detailed information about the forum and fair is available at; <http://www.evf.gov.tr/index.html>
- 27-28 November, 2013, **2nd World Intelligent Cities Summit and Exhibition (WICS 2013)**, Moderator: Prof. M. Pınar Mengüç, Organized by: EurAsia Strategies, Conrad İstanbul Hotel, Detailed information about the event is available at: <http://www.wicssummit.com/>
- 18 November, 2013, **ECOWEEK İstanbul'13 - Crossing the Bridge: Between Tradition and Vision Symposium**, Organized by: Mimar Sinan Fine Arts University, Invited Speakers: Prof. M. Pınar Mengüç and Somuncu Y., "Integration of Engineering and Architecture for Sustainable Buildings", Mimar Sinan Fine Arts University Faculty of Architecture, İstanbul <http://ecoweekistanbul.org/>