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ZERO 
BUILD

FORUM '20

Zero Energy Buildings

Program and Speakers

September 23, 2020 **Wednesday**

Session 111

Time: **10.00 am**

Opening Ceremony



Prof. Serdar Ulubeyli - Turkey

Member of International Board, ZeroBuild Forum
Head of Chair, Bülent Ecevit University Department of Civil Engineering
Moderator



Victoria Burrows - United Kingdom (UK)

Director, Advancing Net Zero, World Green Building Council
Opening Speech



Seda Müftüoğlu Güleş, MSc Arch. - Turkey

Member of Organization Committee, ZeroBuild Forum
President of Board SEPEV / Zero Energy and Passive House Association of Turkey
Opening Speech



Orhan Turan - Turkey

Member of Advisory Board, ZeroBuild Forum
President of Board TÜRKONFED / Turkish Enterprise and Business Confederation
Opening Speech



Vlasios Oikonomou, PhD - Netherlands

Managing Director,
IEECP / Institute for European Energy and Climate Policy
Opening Speech



Assoc. Prof. İdil Ayçam - Turkey

Member of Designers Board, ZeroBuild Forum
Gazi University Department of Architecture
Opening Speech



Prof. Arild Gustavsen - Norway

Member of International Honorarary Board, ZeroBuild Forum
Director of ZEB Research Centre Norwegian University of Science and Technology
KeyNote Speech: From Zero Emission Buildings to Green Neighborhoods, Possibilities and Challenges

International Sessions

Session 121

Time: **11.00 am**

2050 Energy Efficiency Roadmap of Countries



Yasemin Somuncu - Turkey

Architect, MA, AA, Key Expert, Technical Assistance for the Implementation of an Energy Efficiency Programme in Schools, DAI Global Belgium SRL
Moderator



Hicham Lahmidi, PhD - France

Head of Energy, Environment & Combustion Department, The National Metrology and Testing Laboratory
French Roadmap to reach Positive Energy Buildings and Carbon Neutrality



Avni Sfishta, PhD - Kosovo

Energy Efficiency and Renewable Energy Expert
Team Leader of "Kosovo Energy Efficiency Project", GIZ nZEB Contribution to meet National Targets set by Integrated National Energy and Climate Plans 2021/2030 with perspective 2040/2050



Stefanos Pallantzias, MSc - Greece

President of the Board of Directors, Hellenic Passive House Institute
Zero Energy Buildings Roadshow: Energy Efficiency around the Corner

Session 112

Time: **12.00 am**

Sustainable Economy and Future of Business

Turkey Sessions



Atalay Özdayı - Turkey

General Manager, Baunit Turkey
Moderator



Hakan Güldağ - Turkey

Journalist, President of Board, Dünya Newspaper
Panel Speech



Ebru Dildar Edin - Turkey

Executive Vice President Corporate, Investment Banking and Global Markets, Garanti BBVA
Panel Speech



Merve Erdil - Turkey

Media Relations Officer, IEA / International Energy Agency
Panel Speech

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**ZERO
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FORUM '20
Zero Energy Buildings

September 23, 2020 **Wednesday**

International Sessions

Session 122

Time: **13.00 pm**

Case Studies: Energy Efficient Buildings



Prof. Senem Zeybekoğlu Sadri

Turkish Republic of Northern Cyprus
Director, ECODEMIA
Tutor, Girne American University
Moderator



DI Martina Feirer - Austria

Partner, aap.architekten ZT-GmbH
Austria's First Passive House Plus Student Dormitory In Vienna



Seda Temizer Yöntem - Turkey

Architectural Group Manager, Eko Denge
Cezeri Green Technology Vocational High School / Kırıkkale
Mehmet Akif Ersoy High School



DI Alexandra Frankel - Austria

Partner, aap.architekten ZT-GmbH
Austria's First Passive House Plus Student Dormitory In Vienna

Session 113

Time: **14.00 pm**

Financing Energy Efficiency in Buildings

Turkey Sessions



Şeref Oğuz - Turkey

Journalist, Chairman of Editorial Board, Dünya Newspaper
Moderator



Murat Sarıoğlu, PhD - Turkey

Managing Director, Stantec
Moderator



Murat Ateş - Turkey

Sales Manager, AkLease
Panel Speech

International Sessions

Session 123

Time: **15.00 pm**

Economics of Zero Energy Buildings



Alper Doğruer - Turkey

Turkey Commercial Director, Ravago Building Solutions
Moderator



Prof. Chihiro Shimizu - Japan

University of Tokyo
What Is The Economic Value Of Green?
Case Of Green Building In Tokyo?

September 23, 2020 **Wednesday**

Session 114

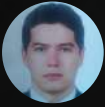
Time: **16.00 pm**

Measurement and Verification, Its role in Energy Performance Contracting

Turkey Sessions



Mesut Avcı, PhD - Turkey
Chief Engineer, Stantec / TurSEFF
Moderator



Oğuz Kürşat Kabakçı - Turkey
Energy and Natural Resources Expert, Energy Efficiency and Environment Division,
Republic of Turkey Ministry of Energy and Natural Resources
Panel Speech



Yök. Müh. Rajvant Nijjhar - United Kingdom (UK)
Principal, iVEES t/a Consortio Ltd.
Panel Speech



Hakan Olcay - Turkey
Group Manager, Digital Industry, Siemens Sanayi ve Ticaret A.Ş.
Panel Speech



Volkan Gerdan - Turkey
Energy Solutions Director, Entek
Panel Speech

International Sessions

Session 124

Time: **17.00 pm**

Zero Energy Buildings for Everyone (I)



Didem Eryar Ünlü - Turkey
Journalist, Dünya Newspaper
Moderator



Francesco Paolo Lamacchia, PhD - Italy
President, Zero Energy Building Network Italy
Zero Energy Buildings: Richness In The Hands Of Everyone



Miguel Feliz - Portugal
Managing Partner, S317 Consulting
Zero Energy Buildings In The Existing Building Stock.
Challenges For The Near Future

Session 115

Time: **18.00 pm**

Zero Energy Economy

Turkey Sessions



A. Nuri Bulut - Turkey
Management Consultant, ANB Consulting
Moderator



Prof. Emre Alkin - Turkey
CEO, VERIMDER / Association for Energy Efficiency in Buildings
Panel Speech



Prof. Kerem Alkin - Turkey
President of Board, YENADER / Association of Renewable Energy Researches
Panel Speech

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**ZERO
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FORUM '20
Zero Energy Buildings

September 23, 2020 **Wednesday**

International Sessions

Session 125

Time: **19.00 pm**

Synergy of energy efficiency, renewable energy and green hydrogen in global energy transformation



Prof. Tanay Sidki Uyar - Turkey
President of Board Turkey, EUROSOLAR /
European Association of Renewable Energy
Moderator



Julien Marquant - Germany
Energy Analyst, Sustainable Urban Energy Team,
IRENA / International Renewable Energy Agency
Introducing IRENA's Planning Platform for Renewable Urban
Energy



Yong Chen - Germany
Innovation and Technology Center, IRENA / International
Renewable Energy Agency
Introducing IRENA's Planning Platform for Renewable Urban
Energy



Prof. Hasan Heperkan - Turkey
Yildiz Technical University



Prof. Şener Oktik - Turkey
Honorary Chairmen,
GENSED / Turkish Solar Energy Association
Energy Producing and Energy Saving Windows for Zero
Energy Buildings

September 24, 2020 Thursday

Session 211

Time: **10.00 am**

State Approaches for Zero Energy Buildings (Republic of Turkey Ministry of Environment and Urban Planning)

Turkey Sessions



Filiz Pehlivan - Turkey

Mechanical Engineer & Founder, FNP Engineering and Consulting Ltd.
Moderator



H. Namık Sandıkçı - Turkey

Deputy Branch Manager, Republic of Turkey Ministry of Environment and Urban Planning
Zero Energy Building Studies in Turkey and Roadmap



Samet Yılandı - Turkey

Environment and Urban Planning Expert, Republic of Turkey Ministry of Environment and Urban Planning
Zero Energy Buildings: Present Conditions in Turkey and Other Countries



Murat Bayram - Turkey

Head of Energy Efficiency Division, Republic of Turkey Ministry of Environment and Urban Planning
Zero Energy Building Definition and Regulations in Turkey

International Sessions

Session 221

Time: **11.00 am**

Zero Energy Buildings for Everyone (2)



Fulya Özgül Koçak - Turkey

CEO, Onduline Avrasya A.Ş.
Moderator



Assist. Prof. Touraj Ashrafian - Turkey

Co-director of Building Materials and Physics Lab, Özyeğin University Faculty of Architecture and Design
Life Cycle Challenges of Zero Energy Building Design and Retrofit



Nuri Cihan Kayaçetin, PhD - Turkey

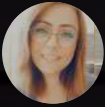
Lecturer, Middle East Technical University
Zero Energy Buildings and Embodied Carbon from Turkish Perspective

Session 212

Time: **12.00 am**

Approaching Zero Energy Buildings

Turkey Sessions



Gamze Karanfil, PhD - Turkey

Department of Energy Systems Engineering, Karamanoğlu Mehmet Bey University
Moderator



Prof. Pinar Mengüç - Turkey

Director, Center for Energy, Environment and Economy, Özyeğin University
KeyNote Speech: Towards Near-Zero Energy Buildings and Regions by Interdisciplinary and Transdisciplinary Approaches



Prof. Ayşe Zerrin Yılmaz - Turkey

Istanbul Technical University
Zero Energy Buildings in Turkey: Present Condition and Roadmap to Success

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**ZERO
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FORUM '20
Zero Energy Buildings

September 24, 2020 Thursday

International Sessions

Session 222

Time: **13.00 pm**

Case Studies: Delivering Net Zero Buildings



Assoc. Prof. Ece Ceylan Baba - Turkey

Head of Chair, Yeditepe University Department of Architecture
Moderator



Prof. Ambrose Dodoo - Sweden

Professor in Building Technology, Linnaeus University
Transition Pathways to Zero Energy Buildings - Experiences in
Implementation of Zero Energy Building Solutions in Sweden



Kirsten Henson - United Kingdom (UK)

Director, KLH Sustainability
Delivering Net Zero Homes: A case study "Orford Mews"



Prof. Ludwig Rongen - Germany

Founder, RoA Rongen Architects PartG mbB
World's Biggest Passive House Project: Harbin, Northern China

Session 213

Time: **14.00 pm**

Case Studies: Energy Efficiency in Buildings

Turkey Sessions



Koray Göytan - Turkey

Project Manager, TurSEFF
Moderator



Nuray Demirer - Turkey

Architect, General Manager, TAV Airports
Panel Speech



Onur Günduru - Turkey

Managing Partner, Onur Energy
Panel Speech

International Sessions

Session 223

Time: **15.00 pm**

Passivhaus: a route to net zero?



Prof. Sermin Onaygil - Turkey

Department Head, Energy Planning and Management
Department of Energy Institute, Istanbul Technical University
Moderator



John Palmer - United Kingdom (UK)

Research and Policy Director, Passivhaus Trust
Passivhaus: A Route To Net Zero?

September 24, 2020 Thursday

Session 214

Time: **16.00 pm**

Turkey Sessions

NGOs Discussing: How to Speed up Transformation Towards Zero Energy Buildings



Zeki Poyraz - Turkey

President of Turkey Climate Control Council,
TOBB / The Union of Chambers and Commodity
Exchanges of Turkey
Moderator



Oktay Alptekin - Turkey

Member of Board
Turkey İMSAD / Association of Turkish Construction Material Producers
Panel Speech



Esmâ Sarıaslan - Turkey

President of Board,
MÜKAD / Association of Engineer and Architect Women
Panel Speech



Emrullah Eruslu - Turkey

Vice President of Board
İZODER / Association of Thermal Insulation, Waterproofing,
Sound Insulation and Fireproofing Materials
Panel Speech



Bülent Şen - Turkey

Vice President of Board
ENVERDER / Energy Efficiency Association
Panel Speech



Ozan Atasoy - Turkey

President of Board
İSKİD / Airconditioning and Refrigeration Manufacturers Association
Panel Speech

International Sessions

Session 224

Time: **17.00 pm**

Zero Energy Buildings in Hot Climates



Prof. Serdar Çelik - USA

Department of Mechanical Engineering,
Southern Illinois University Edwardsville
Moderator



Assoc. Prof. Ulrike Passe - USA

Director, Iowa State University
Long Term Net Zero Home Research for a Warm and Humid
Climates



Assoc. Prof. James Mathias - USA

Mechanical Engineering Department, Southern Illinois
University, Carbondale
Energy Efficient and Cost Effective Solar House



Assoc. Prof. Saleh Al-Saadi - Oman

Building Energy Systems and the Architectural Engineering
Program Coordinator, Department of Civil and Architectural
Engineering, Sultan Qaboos University, Oman
Zero Energy Building (ZEB) in Hot Climate of Oman: Design
and Energy Performance Analysis

Session 215

Time: **18.00 pm**

Turkey Sessions

Progressive Approaches Improving Energy Performance in Buildings (1)



Arzu Gürkan - Turkey

Deputy General Manager, ENVE Energy
Moderator



Arslan Çağlayan Gürel - Turkey

Heating Sales Senior Region Manager, Daikin
Heat Pumps: Decreasing Dependency in Energy Import



Ahmet Acar - Turkey

Energy Analyst, Shura Enerji Transformation Centre
Rooftop Solar Energy Potential In Buildings In Turkey



Assoc. Prof. Muhsin Mazman - Turkey

Energy Storage Division Director, TDinamik Energy
Energy Storage Systems for Zero Energy Buildings

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September 24, 2020 **Thursday**

International Sessions

Session 225

Time: **19.00 pm**

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Solution: Zero Energy Buildings



Erhan Özdemir - Turkey
Deputy General Manager, ODE Insulation
Moderator



Assoc. Prof. Djamil Ben Ghida - India
Vellore Institute of Technology
Earth Architecture Stabilization: Between Tradition And Innovation



Domenico Maria Caprioli, PhD - Italy
University of Naples Federico II
Scarcity As An Opportunity. Lessons From The Outer Space



Asst. Prof. Amos Darko - Hong Kong
Hong Kong Polytechnic University
Combating Climate Change through Green Buildings

September 25, 2020 **Friday**

Passive House Day

Organized by SEPEV, Passive House Association of Turkey

Please follow our website for program details



SEPEV

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**ZERO
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FORUM '20
Zero Energy Buildings

September 26, 2020 **Saturday**

Session 411

Time: **10.00 am**

From Zero Energy Buildings to Smart Cities

Turkey Sessions



Celal Toprak - Turkey

Economy News Manager, TGRT
President of Board, EGD / Economy Journalists Association
Moderator



Prof. Dr. İbrahim Üçgöl - Turkey

Süleyman Demirel University
Sustainable Campuses



Caner Demir - Turkey

Mechanical Engineer MSc and Founder, Demir Enerji
Eskişehir Tepebaşı REMOURBAN Project



Serdar Yumlu, PhD - Turkey

Business Development Director, Sampaş Holding
Smart Cities and Urban Transformation



Nursun Doğru - Turkey

Education and Project Coordinator,
ECOBUILD Green Building Consultancy
Basic Principles of Sustainable Green Cities and Urbanization.
Case Study: Eskişehir Kocakir Sustainable Urban Development
Project.

International Sessions

Session 421

Time: **11.00 am**

**Implementation Approaches of Passive Systems
and Active Systems in Different Countries**



Banu Pekol, PhD - Turkey

Cultural Heritage and Capacity Building Manager, KMKD
Moderator



Yasemin Somuncu - Turkey

Architect, MA, AA, Key Expert, Technical Assistance for the
Implementation of an Energy Efficiency Programme in
Schools, DAI Global Belgium SRL
Energy Efficiency Implementation in Existing School
Buildings in Northern Part of Cyprus



Prof. İlker Kahraman, PhD - Turkey

Lecturer, Faculty of Architecture, Yaşar University
Turkish Approach to Zero Energy Buildings

Session 412

Time: **12.00 am**

Glazing and Profiles in Zero Energy Buildings

Turkey Sessions



Sefa Ertan - Turkey

Business Associates Development Manager, Şişecam Düzcam
Moderator



Hüseyin Gökdemir - Turkey

R&D Manager, Cuhadaroglu Metal A.Ş.
Facades in Zero Energy Buildings



Didem Kale - Turkey

R&D Manager, Deceuninck / Ege Profil
PVC Profiles in Zero Energy Buildings

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**ZERO
BUILD**
FORUM '20
Zero Energy Buildings

September 26, 2020 **Saturday**

International Sessions

Session 422

Time: **13.00 pm**

Zero Energy Buildings: a reached target or a starting point?



Assoc. Prof. Canan Acar - Turkey

Department of Energy Systems Engineering,
Bahçeşehir University
Moderator



Assoc. Prof. Enrico Fabrizio - Italy

Associate Editor of Sustainable Cities and Society
Politecnico di Torino

Keynote: Speech: Zero Energy Buildings: A Reached Target Or
A Starting Point? State Of The Art On Existing Researches On
Zeb And Future Directions

Session 413

Time: **14.00 pm**

Energy Efficiency in State Buildings

Turkey Sessions



Çetin Ünsalan - Turkey

Journalist, TV and Radio Programmer
Moderator



Levent Yazıcı - Turkey

Energy Manager, Governorship of Bursa
Energy Management Applications of Governorship of Bursa



Assoc. Prof. Selmin Ener Ruşen - Turkey

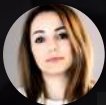
Department of Energy Systems Engineering,
Karamanoğlu Mehmet Bey University
Case Study; Energy Consumption in Public Buildings

International Sessions

Session 423

Time: **15.00 pm**

Case Studies: Passive Houses



Prof. Buket Ayşegül Özbakır - Turkey

Department of City and Regional Planning,
Yıldız Teknik University
Moderator



Mícheel Wassouf - Spain

CEO, Energiehaus Arquitectos
El Garrofer – Mediterranean Passive House Retrofit For A Pub-
lic School In Viladecans/Barcelona



Asst. Prof. Carlos Jimenez Bescos - United Kingdom

Architecture and Built Environment, University of Nottingham
Passivhaus in Different Climates: Techniques, Challenges and
Opportunities for Vernacular Architecture



Bachir Nebia - United Kingdom (UK)

Passivhaus Designer, Development Manager,
Roberts & Treguer Ltd.
Blaker Road Case Study: A Newly Erected Residential
Schemes That Have Been Designed And Built To Passivhaus
Standard In London.

Session 414

Time: **16.00 pm**

Zero Energy Buildings and Thermal Insulation

Turkey Sessions



Levent Pelesen - Turkey

Member of Board of Presidents IZODER
Association of Thermal Insulation,
Waterproofing, Sound Insulation and Fireproofing Materials
Moderator



Mustafa Kemal Sevindir, PhD - Turkey

Yıldız Technical University
National Regulations and Zero Energy Buildings



Timur Diz - Turkey

General Secretary, IZODER
Association of Thermal Insulation, Waterproofing, Sound
Insulation and Fireproofing Materials
Zero Energy Buildings and Thermal Insulation

www.zerobuild.org

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September 26, 2020 **Saturday**

International Sessions

Session 424

Time: **17.00 pm**

Zero Energy Buildings & Building Information Modeling



Nil Kutlar - Turkey

MSc Architec, Building Energy Efficiency Expert, CEEE /
Center for Energy, Environment, Economy, Özyeğin University
Moderator



Assoc. Prof. Sandeep Joshua Kota - India

School of Architecture, Vellore Institute of Technology
An Architect Friendly BIM Based Daylighting Simulation Tool
for Designing Net-Zero Buildings



Prof. Salih Ofluoğlu - Turkey

Head Department of Informatics,
Mimar Sinan Fine Arts University
BIM-Enabled Performative Design Education for Achieving
Sustainable and High-Performance Buildings



Milad Ashouri, PhD - Canada

Senior Data Scientist, EnerZam Inc.
Continuous Measurement and Verification: A key for Energy
Efficiency projects

Session 415

Time: **18.00 pm**

Zero Energy Buildings and Building Materials

Turkey Sessions



Prof. İbrahim Uzun - Turkey

Lecturer, Mechanical Engineering Department,
Kırıkkale University
Moderator



Bengül Böke Diz - Turkey

Civil Engineer, Technical Marketing Manager, ODE Yalitim
The Role of Thermal Insulation in Zero Energy Buildings



Ozan Kovanci, PhD - Turkey

Product Manager, GF Hakan Plastik
Protect Earth's Water with the True Power of Piping Systems



Yudum Demirkol - Turkey

Architectural Glass Asistant Product Manager, Şişecam
Glazing for Zero Energy Buildings



İhsan Tolga Akar - Turkey

Managing Director, Assan Panel Sanayi ve Ticaret A.Ş.
Energy Efficiency Solutions in Industrial Buildings

International Sessions

Session 425

Time: **19.00 pm**

Energy Digitalization



Metin Can - Turkey

Journalist, Technology Writer
Moderator



Mehmet Sağlam - Turkey

Turkey, Central Asia & Pakistan Digital Energy VP,
Schneider Electric
Digital Energy Management in Buildings



Dilara Göker - Turkey

R&D Projects Manager, REENGEN
Using AI and IoT to Improve Energy Efficiency

September 27, 2020 **Sunday**

Session 511

Time: **10.00 am**

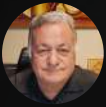
Zero Energy Buildings and Eco-Integrated Design (1)

Turkey Sessions



Nevin Güney Tok - Turkey

Mechanical Engineer, Founder, Karakalem Facade Design
Member of Honorary Board, GALSIAD
Moderator



Süleyman Akım - Turkey

Founding Partner, AKIM Engineering
LOOP Group Integrated Eco-Design
Taming Fire, Water And Air



Murat Çakan, PhD - Turkey

Faculty of Mechanical Engineering,
Istanbul Technical University
LOOP Group Integrated Eco-Design
Natural Ventilation, Evaporative Cooling and Phase Change
Materials in Eco Design



Ekin Güven - Turkey

E-G Architecture
LOOP Group Integrated Eco-Design
Ecological Building Materials and Soil Building Trials



Erden Güven - Turkey

E-G Architecture
LOOP Group Integrated Eco-Design
Ecological Building Materials and Soil Building Trials

International Sessions

Session 521

Time: **11.00 am**

Progressive Approaches Improving Energy Performance in Buildings (2)



Onur Günduru - Turkey

Managing Partner, Onur Energy
Moderator



Assoc. Prof. Yiğit Can Altan - Turkey

Civil Engineering Department, Özyeğin University
Variations at The Facade Temperature of The Buildings Due To
Stability of The Atmospheric Boundary Layer



Prof. Yunus Ali Çengel - Turkey

University of Nevada, Reno
Artificial Intelligence in Energy Systems



Prof. Hakan Fehmi Öztop - Turkey

Department of Mechanical Engineering, Firat University
Effects of Shading On Performance of Pv Panels For Building
Applications

Session 512

Time: **12.00 am**

Zero Energy Buildings and Eco-Integrated Design (2)

Turkey Sessions



Ayşe Gökşen Ak - Turkey

Passive House Designer, Architect, SEPEV / Zero Energy and
Passive House Association of Turkey
Moderator



Neslihan Özman, PhD - Turkey

Freelance Waste-to-Energy Technologies & Sustainability
Consultant
LOOP Group Integrated Eco-Design
Microalgae: 2.4 Billion-year-old Experience of Carbon and
Nutrient Cycle



Assoc. Prof. Özgür Üstün - Turkey

Faculty of Electrical and Electronics Engineering,
Istanbul Technical University
LOOP Group Integrated Eco-Design
Green Energy and Green Mobility



Fatma Akım - Turkey

Founding Partner, AKIM Engineering
LOOP Group Integrated Eco-Design
An Example of Integrated Eco Design
Solar Decathlon Africa, Reyard House

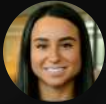
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September 27, 2020 **Sunday**

International Sessions

Session 522
Time: **13.00 pm**
Zero for All



Tuğba Salman Gürcan - Turkey
Interior Architect & Certified Passive House Designer
Founding Director,
SEPEV / Zero Energy and Passive House Association of Turkey
Moderator



Prof. Birol Kılıç - Turkey
Energy Systems Director, Polar Project and Technology
Net Zero-Energy, Zero-Exergy, or Zero-Carbon?



Meltem Bayraktar - Turkey
Urban Efficiency and Climate Manager,
WRI / World Resources Institute Turkey Sustainable Cities
Zero Carbon Buildings for All

Session 513

Time: **14.00 pm**

Zero Energy Buildings & Climatic Data

Turkey Sessions



Levent Yalçın, PhD - Turkey
Researcher Meteorologist, Metosfer
Radio Programmer, Voice of Meteorology Radio "Green Radio"
Moderator



Prof. Serdar Çelik - USA
Department of Mechanical Engineering,
Southern Illinois University Edwardsville
Designing HVAC Systems with Surrounding Environmental
Challenges and Opportunities in Mind



Asst. Prof. Deniz Demirhan - Turkey
Department of Meteorological Engineering,
Istanbul Technical University
Climatic factors that might effect the construction industry



Mesut Tanyel - Luxembourg
Architect, Founder, Tanyel Atelier de Architecture Sarl.
Use of climatic data in architectural design and building
management

International Sessions

Session 523
Time: **15.00 pm**

Energy Digitalization and Distributed Energy Systems in Buildings



Prof. Kamil Çağatay Bayındır - Turkey
President of Board,
EDİDER / Energy Digitalization Association
Moderator



Alper Terciyanlı, PhD - Turkey
CEO, Inavitas
Energy Digitalization and Distributed Energy Systems in
Buildings



Cihad Terzioğlu, PhD - Turkey
Chairman, MÜSİAD / Independent Industrialists and
Businessmen Association Energy and Mining Council
Impact of Energy Efficiency And Digitalization To Continue The
Clean Energy Transformation And Sustain The Fight Against
Climate Change.

September 27, 2020 **Sunday**

Session 514

Time: **16.00 pm**

Youth Ask about Zero Energy Buildings

Turkey Sessions



Ertuğrul Şen - Turkey

Member of Turkey Climate Control Council, TOBB
The Union of Chambers and Commodity Exchanges of Turkey
Moderator



Kemal Evcioglu - Turkey

Chairman, UTTMD / International Association of Facilities
Technical Managers
Panel Speech



Altuğ Karataş - Turkey

Vice Chairman, MÜSİAD / Independent Industrialists and
Businessmen Association Energy and Mining Council
Panel Speech

International Sessions

Session 524

Time: **17.00 pm**

Women Impact in Zero Energy Buildings



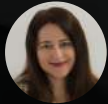
Yasemin Salih - Turkey

Journalist, Dünya Newspaper
Moderator



Züleyha Özcan - Turkey

Mechanical Engineer and Manager, Derin Mechanical Engineering
Vice President of Board, MÜKAD / Association of Engineer and
Architect Women
Panel Speech



Selen İnal - Turkey

Business Development Manager, TurSEFF
Member of Advisory Board,
WiRE Turkey / Women in Renewable Energy
Panel Speech



Enise Burcu Derinboğaz - Turkey

Architect, Founder, Praxis Landscape
Member, TWRE / Turkish Women in Renewable Energy
Panel Speech

Session 515

Time: **18.00 pm**

Geothermal Energy and Zero Energy Buildings

Turkey Sessions



Ufuk Şentürk - Turkey

President Of Board, JESDER / Association of Geothermal
Power Plant Investors
Moderator



Yusuf Ulutürk - Turkey

Genral Manager, AFJET
Geothermal District Heating and Environmental Effects



Prof. Alper Baba - Turkey

Vice Chancellor, İYTE / İzmir Institute of Technology
Direct Use of Geothermal Energy and its Environmental
Problems



Cannur Bozkurt - Turkey

Consultant, Armoni Consultancy
Geothermal Energy Direct Use Applications of Turkey;
Challenges and Opportunities

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September 27, 2020 **Sunday**

International Sessions

Session 525

Time: **19.00 pm**

Achieving High Quality in Zero Energy Buildings



Prof. Serdar Ulubeyli - Turkey

Head of Chair,
Bülent Ecevit University Department of Civil Engineering
Moderator



Assoc. Prof. Payam Shafigh - Malaysia

Department of Architecture, University of Malaya
Structural Lightweight Aggregate Concrete for
Energy-Efficient Buildings



Prof. Shady Attia - Belgium

Sustainable Buildings Design Lab, Department ArGenCo,
Faculty of Applied Sciences, University of Liege
Best Practices of Quality Assurance for Zero Energy Buildings
Design



Asst. Prof. Benjamin Durakovic - Bosnia and Herzegovina

International University of Sarajevo
PCM, Phase Change Materials based technologies for building
application