

IRENEC 2020 Program			
4 June 2020 Thursday			
09.00 - 09.30	Opening Session		
	Ekrem İmamoğlu	Mayor of İstanbul Metropolitan Municipality	
	Prof. Dr. Tanay Sıdkı Uyar	President, Renewable Energy Association (EUROSOLAR Turkey)	10th Year of Irenec as a Part of The Global Struggle for Climate Change Mitigation and Transition to 100% Renewable Energy
09.30 - 10.00	Keynote Speech		
Speaker	Dolf Gielen	Director, International Renewable Energy Agency (IRENA), Innovation and Technology Centre in Bonn / Germany	Global Renewables Outlook 2020 and Stimulus Packages for Energy Transition
10.00 - 10.30	Keynote Speech		
Speaker	Mark Z. Jacobson	Atmosphere Energy Program Stanford University, USA	Green New Deals for Transitioning 143 Countries to 100% Clean, Renewable Energy and Storage for Everything
10.30 - 10.45	Break		
10.45 - 12.30	Symphony of Renewable Energy		
Moderator	Prof. Dr. Tanay Sıdkı Uyar	President, Renewable Energy Association (EUROSOLAR Turkey)	How Symphony of Renewables can Contribute to Energy Transition?
Speakers	İlker İhsan Çabukol	President, Bioenergy Association (BIYODER)	Renewable Energy and Biomass
	Halil Demirdağ	President, Turkish Solar Energy Industry Association (GENSED)	Solar Energy: Today and the Future
	Elif Yağlı Ece	Vice President, Turkey Section of The International Solar Energy Society (GÜNDER)	Role of Roof PV Applications in Energy Transition
	Berke Aygün	General Secretary, Solar Energy Investors Association (GÜYAD)	Expectations and Responsibilities of Solar Energy Investors in Energy Transition
	Fahrettin Amir Arman	Başkan, Hydroelectric Powerplants Industrial Businessmen's Association (HESİAD)	Role of Pumped-Storage Hydropower in Energy Transition
	Ufuk Şentürk	President, Geothermal Power Plant Investors Association (JESDER)	Geothermal Energy: Past, Present and Future
	Güray Erol	General Secretary, Turkish Wind Energy Association (TÜREB)	Attraction of Digitalized World for RES Projects
12.30 - 13.00	Lunch Break		
13.00 - 14.15	Garanti BBVA Special Session: Mini YEKA and Financial Models in The Next Turkish Renewable Energy Resources Support Mechanism Term		
Moderator	Gizem Çelik	Project and Restructuring Supervisor, Garanti BBVA	
Speakers	Ezgi Şahin	Coordinator of YEKA Projects Development and Tracking Group, General Directorate Of Energy, MENR	
	Nesteren Özsoy	Vice President, Corporate Finance Department, Türkiye İş Bankası	
	Zatiye Taş Koçak	Corporate Banking and Project Finance Manager, Development Investment Bank of Turkey	
14.15 - 14.30	Break		
14.30 - 15.00	Keynote Speech		
Speaker	Prof. Dr. Şener Oktik	Senior Lecturer Kadir Has University Honorary Chairman of Turkish Solar Energy Industry Association A member of Şişecam Board of Directors	The Progress and Commercialization of Photovoltaic Solar Energy & Perception of Stakeholders
15.00 - 15.30	Keynote Speech		
Speaker	Peter Droege	President, The European Association for Renewable Energy (EUROSOLAR)	100% Is Not Enough
15.30 - 17.00	Zero Energy Buildings, Building Automations and Heat Pumps		
Moderator	Prof. Dr. Tanay Sıdkı Uyar	President, EUROSOLAR Turkey Renewable Energy Association	
Speakers	Cenk Çakıl	Interior Architect, Yenilem AS	Ecological Building Reconstruction' Application in Beylerbeyi, İstanbul
	Ahmet Akyüz	Architect, A3 Project and Architect	The Tale of a House
	Ali Yalçın	GENEL Engineering	Nearly Zero Energy Building's Turkey Application
	Mustafa Aydın	ESAN Engineering	Solar House
	Türker Pekgüç	HEATING Product Supervisor, Daikin	Heat Pump Application in Residences
	Murat Yaver	Chairman, ENEL	Hybrid UPS Application in Residences
	Bülent Aydın	Managing Partner, Minerji	PV Systems Integration in Residentials
	Can Murat Gül	Automation Sales Manager, Siemens	Nearly Zero-Energy Targeting Digital Houses
5 June 2020 Friday			
09.00 - 11.00	Renewable Energy Project Developers, Investors and Suppliers		
Moderator	Prof. Dr. Tanay Sıdkı Uyar	President, EUROSOLAR Turkey Renewable Energy Association	
Speakers	Erol Demirer	Chairman, Demirer Holding	Future of Wind Energy Investments after 2020 Turkish Renewable Energy Resources Support Mechanism
	Güray Erol	President, RES Anatolia Holding A.Ş.	Evaluation of Hybrid Solutions for RES Projects' Generation and Cost Optimization at the end of First Term of Turkish Renewable Energy Resources Support Mechanism (YEKDEM)
	Şahin Arıöz	Service Operations Manager, Vestas Turkey	Local Qualified Wind Service Technicians' Contribution to Site Operations and to Vestas Global Organization
	Ali Kindap	General Manager, Zorlu Energy	Renewable Energy In A Sustainable World
	Enis Amasyalı	Vice President, Borusan ENBW	Renewable Energy Investments During and After COVID-19 Era
	Başar Beyazoğlu	Chairman - CEO, Renesco Energy	Synergy of Renewable Energy and Recycling
	Murat Yaver	President, ENEL Group	Contribution of Domestic Production Inverters in Solar Energy and New Generation Hybrid Solutions in Global Integration
	Arslan Çağlayan Gürel	Regional Manager, Daikin	Reducing Foreign Dependency in Energy; Heat Pumps
11.00 - 11.15	Break		
11.15 - 11.45	Keynote Speech		
Speaker	Dr. Oğuz Can	Manager, Department of Energy Efficiency and Environment, MENR	Role of Energy Efficiency and Environment in Energy Transition
11.45 - 12.15	Keynote Speech		
Speaker	Christian Rakos	President, World Bioenergy Association (WBA)	Role of Bioenergy In Global Transition to 100% Renewable Energy
12.15 - 12.45	Lunch Break		
12.45 - 13.15	Keynote Speech		
Speaker	Peter Rae	President, World Wind Energy Association (WWEA)	
13.15 - 13.45	Keynote Speech		
Speaker	Prof. Dr. Tanay Sıdkı Uyar	Başkan, EUROSOLAR Türkiye	Renewable Energy is the Only Solution in a World After Pandemic
13.45 - 14.30	Keynote Speech		
Speaker	Prof. Dr. İbrahim Dinçer	University of Ontario Institute of Technology, Faculty of Engineering and Applied Science, Canada	New Developments of Renewable Hydrogen Production
14.30 - 14.45	Break		
14.45 - 15.15	Keynote Speech		
Speaker	Prof. Dr. Eberhard Waffenschmidt	Chairman, Society to Promote Solar Energy Germany	Islanding Operation of a Community Power Grid with Renewable Energy Sources and a Large Battery
15.15 - 16.30	Hydrogen Energy Technologies and Renewables: Challenges, Opportunities and Future Directions		
Moderator	Prof.Dr. Adnan Midilli	Mechanical Engineering, Recep Tayyip Erdoğan University	
Speakers	Prof. Dr. İbrahim Dinçer	University of Ontario Institute of Technology, Faculty of Engineering and Applied Science, Canada	
	Prof. Dr. İskender Gökaltp	Founder and Director, CNRS	
	Prof. Dr. İlgi Karapınar	Environmental Engineering, Dokuz Eylül University	
	Hüseyin Devrim	Managing Director, Ayes & TEKSİS	
	Dr. Değer Saygın	Director, SHURA	
	Prof.Dr. Can Özgür Çolpan	Department of Mechanical Engineering of Dokuz Eylül University	
6 June 2020 Saturday			
09.00 - 10.15	EUROSOLAR Turkey Special Session		
Moderator	Prof. Dr. Hasan Heperkan	Dean, Aydın University Engineering Faculty	
Speakers	Erhan Özdemir	Deputy General Manager Sales Marketing and Board Member, ODE Yatırım	Importance of Insulation and It's Role in Transition to Renewables
	Assoc. Prof. Dr. Murat Onuk	Faculty of Economics and Administrative Sciences, Yeditepe University	Is Renewable Energy Certification System Necessary for Turkey?
	Haluk Sayar	Founder Member, EUROSOLAR Turkey, General Coordinator at AVERE	Role of Renewable Energy in Transition to E-Mobility in Turkey
	Hasan Basri Çetinkaya	Power System Consulting Senior Key Expert, Siemens	Importance of Energy Storage Systems in Future Energy Infrastructure and Critical Application Areas
	Barış Doğru	Editor In Chief, EcolQ Magazine	How Pandemic Effects Energy and Sustainability Issues?
	10.15 - 10.45	Keynote Speech	
Speaker	Prof. Dr. Hasan Heperkan	Dean, Aydın University Engineering Faculty	Digitalization in Building Energy Technologies: Impacts on Energy Transition
10.45 - 11.00	Break		
11.00 - 12.00	Energy Decision Support tools and Applications		
Moderator	Assoc. Prof. Dr. Egemen SULUKAN	Faculty Member, Mechanical Engineering Department, NDU Turkish Naval Academy	
Speakers	Doğançan Beşikçi	M.Sc. Mechanical Engineer, Friterm A.Ş.	Effects of 100% Renewable Implementation Costs and Energy in Burdur
	Fatih Yılmaz	M.Sc. Student, Marine Engineering Department, NDU Turkish Naval Academy	Energy System Analysis and Modelling of an Electric-Powered Ferry
	Alperen Sarı	PhD Student, Mechanical Engineering Department, Marmara University	Analysis of Wind Power Installation on a University Campus via WindSim
	Utku Köker	PhD Candidate, Industrial Engineering Department, Süleyman Demirel University	Hourly Optimization of Electricity Generation in City Scale
12.00 - 12.30	Lunch Break		
12.30 - 13.45	Conference Papers - 1		
Moderator	Erhan Çakar	Vice President, EUROSOLAR Turkey	
Speakers	Emre Leblebicioğlu	Mechanical Engineer, Marmara University	Designing a Wind Farm in Büyük Ada by WindSim
	Ali Şahin	Mechanical Engineer, Marmara University	The Wind Farm Design Optimizing for Pendik Sabiha Gokcen Region
	Burak Arıncı	Electrical Engineer, Yıldız Technical University	Integrating Wind Energy to Smart Grids
	Fahri Karahan	Sustainable Energy Systems Engineering, Queen Mary University	Increasing of Binary Orc Geothermal Power Plant Efficiency By A Geothermal-Solar Hybrid Design
	Okan Kon	Mechanical Engineering, Balıkesir University	Investigation The Effects Of Reducing Heat Transfer Coefficients Of Building Envelope On Global Warming In Turkey
13.45 - 14.00	Break		
14.00 - 15.15	Conference Papers - 2		
Moderator	Anıl Türkünoğlu	Secretary General, EUROSOLAR Turkey	
Speakers	İsmail Caner	Mechanical Engineering, Balıkesir University	Renewable Energy Consumption Due to Internal Gas Gap Thickness In Buildings' Windows
	Victor Oluwatobi Adebayo	Energy systems Engineering Department, Cyprus International University	An Approach to A Better Transition to Sustainable Transportation System: Case Study Of 3 Cities (Abuja, Kumasi & Erbil)
	Humphrey Adun	Energy Systems Engineering, Cyprus International University	Multivariate Based Modelling of Solar Energy Growth: A Discussion of Relevant Factors Influencing African Solar Energy Development
	Hazal Öztan	Chemical Engineering Department and Clean Energy Research and Application Center, Gazi University	Production of Hydrogen-Rich Syngas in a Fluidized Bed
	Doğa Şahin	Chemical Engineering Department, Gazi University	Glycerin as a Heat Transfer Fluid in Solar-Organic Rankine Cycle
15.15 - 15.30	Break		
15.30 - 16.45	Conference Papers - 3		
Moderator	Ahmet Kaliber	Board Member, EUROSOLAR Turkey	
Speakers	Ülkem Onur Mert	Energy Systems Engineering, Cyprus International University	Integration of Renewables in Turkish Republic of Northern Cyprus
	Mustafa Anıl Akkaya	Department of Business, Yeditepe University	The Evolution of Feed-in-Tariff Mechanism towards Feed-in-Premium Mechanism
	Hatice Çıvgın	Department of Political Science and International Relations, Mardin Artuklu University	Examination of Mainstream Ethics Theories Against Climate Crisis
	Tuba Artan Onat	Department of Biotechnology, Niğde Ömer Halisdemir University	The Effect of Molasses Concentration on Voltage Generation
	Sinem Nilisaz	Department of Physics, Yıldız Technical University	Effect of Small Molecules on The Performance of Ternary Blend Polymer Solar Cells
16.45 - 17.00	Closing Session - IRENEC 2020 Review and IRENEC 2021 Suggestions		
Moderator	Prof. Dr. Tanay Sıdkı Uyar	President, Renewable Energy Association (EUROSOLAR Turkey)	
Reporter	Alper Saydam	M.Sc. Mechanical Engineer, IRENEC 2020 Scientific Committee Member	
	Doğançan Beşikçi	M.Sc. Mechanical Engineer, IRENEC 2020 Scientific Committee Member	