بتنظيم مشترك:

دعوة للمشاركة

دورات تدريبية الكترونية عبر تقنية الاتصال المرئي - برامج مجانية

Free Training Webinars

التدريب الالكتروني المرئي الأول – Webinar 1 لغة البرنامج: الانجليزية			
Webinar Title	**Artificial Intelligence in Energy Systems (Intelligent Energy Management in a City Level)**	**الذكاء الاصطناعي في أنظمة الطاقة بعنوان "إدارة الطاقة الذكية على مستوى المدينة"**	**العنوان**
Duration	**90 Minutes**	**90 دقيقة**	**المدة الزمنية**
Date	**Tuesday - 19 May 2020**	**الثلاثاء – 19 مايو 2020**	**التاريخ**
Time	**12 Noon Dubai Timing** **11 AM Saudi Timing**	**الساعة 12 ظهرا بتوقيت دبي** **11 صباحا بتوقيت السعودية**	**الوقت**
Registration Link	https://us02web.zoom.us/webinar/register/WN_XPUMKPArQc6p1N7WMPYBbA		**رابط التسجيل**
For more Information	http://www.eugcc-cleanergy.net/webinar_19052020_event		**لمزيد من المعلومات**
ملاحظة: يمنح المشاركون شهادات مشاركة الكترونية			

المحاور الرئيسية:

1. **تقنيات وهندسة الذكاء الاصطناعي: من البيانات الضخمة الى خدمات الطاقة الذكية**
   الدكتور / هاريس دوكاس – أستاذ مشارك في الجامعة الوطنية في أثينا وباحث أخصائي متعاون مع الشبكة الأوروبية الخليجية لتقنات الطاقة النظيفة
2. **نظم دعم القرار المستند الى البيانات لمدن الطاقة الذكية – إطار ومعايير تقييم الطاقة في المدن الذكية**
   الدكتور / فانقيلز مارياكيس – خبير الطاقة وتكنولوجيا المعلومات - الشبكة الأوروبية الخليجية لتقنيات الطاقة النظيفة
3. **الشبكات الكهربائية الذكية وادماج الطاقات المتجددة المتغيرة**
   الدكتور / مصطفى التومي – خبير تقنيات الطاقة - الشبكة الأوروبية الخليجية لتقنيات الطاقة النظيفة

Webinar 1 Main Topics:

1. **Artificial intelligence techniques and architectures: From big data to smart energy services**
   Dr. Haris Doukas, Associate Professor NTUA, Research Collaboration Specialist EU GCC Clean Energy Technology Network
2. **Data-driven decision support system for smart energy cities - Smart city energy assessment framework and standards**
   Dr. Vangelis Marinakis, ICT & Energy Expert - EU GCC Clean Energy Technology Network Convener
3. **Smart Grids and the integration of variable RES**
   Dr. Mustapha Taoumi, Energy Technology Expert, EU GCC Clean Energy Technology Network

The Network is funded by

EU GCC Clean Energy Technology Network
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Contact us at: contact@eugcc-cleanergy.net

بدعم من:

التدريب الالكتروني المرئي الثاني – Webinar 2 لغة البرنامج: الانجليزية			
Webinar Title	**Smart and Sustainable Local Energy Planning**	**تخطيط الطاقة المحلية الذكية والمستدامة**	**العنوان**
Duration	**90 Minutes**	**90 دقيقة**	**المدة الزمنية**
Date	**2 June 2020**	**2 يونيو 2020**	**التاريخ**
Time	**12 Noon Dubai Timing** **11 AM Saudi Arabia Timing**	**الساعة 12 ظهرا بتوقيت دبي** **11 صباحا بتوقيت السعودية**	**الوقت**
Registration Link	https://us02web.zoom.us/webinar/register/WN_kQhWK6dBRs-3iC64IWPCWQ		**رابط التسجيل**
For more Information	https://www.eugcc-cleanergy.net/webinar_02062020_event		**لمزيد من المعلومات**
ملاحظة: يمنح المشاركون شهادات مشاركة الكترونية			

المحاور الرئيسية:

1. **أدوات وأساليب تطوير الطاقة المستدامة وخطط عمل المناخ – الخبرات والدروس المستفادة من تجمع رؤساء البلديات في الاتحاد الأوروبي.**
   الدكتور / فانقيلز ماريناكيس – خبير الطاقة وتكنولوجيا المعلومات - الشبكة الأوروبية الخليجية لتقنيات الطاقة النظيفة.
2. **تعميم مشاريع كفاءة الطاقة – النهج المميز AAA.**
   الدكتور / هاريس دوكاس – أستاذ مشارك في الجامعة الوطنية في أثينا وباحث أخصائي متعاون مع الشبكة الأوروبية الخليجية لتقنيات الطاقة النظيفة.
3. **تجربة البحرين كمثال - رقمنة توفير الطاقة كنهج بديل للسلطات المحلية والإقليمية.**
   الدكتور / فانقيلز ماريناكيس – خبير الطاقة وتكنولوجيا المعلومات - الشبكة الأوروبية الخليجية لتقنيات الطاقة النظيفة.

Webinar 2 Main Topics: Smart and Sustainable Local Energy Planning (90')

1. **Tools and methods for the development of the Sustainable Energy and Climate Action Plans (SECAPs) - The EU Covenant of Mayors Experience and lessons learnt**
   Dr. Vangelis Marinakis, ICT & Energy Expert - EU GCC Clean Energy Technology Network Convener
2. **Mainstreaming energy efficiency projects – the «Triple-A» approach**
   Dr. Haris Doukas, Associate Professor NTUA, Research Collaboration Specialist EU GCC Clean Energy Technology Network
3. **Digitizing energy savings – an alternative approach for local and regional authorities: Bahrain city case study**
   Dr. Vangelis Marinakis, ICT & Energy Expert - EU GCC Clean Energy Technology Network Convener

Trainers

Dr. Mustapha Taoumi is the Clean Energy Technology Key Expert of the "EU GCC Clean Energy Technology Network" project

Dr. Taoumi has been leading Renewable Energy and Energy Efficiency projects and technology deployment for over 30 years. He has worked with US AID, GIZ (Germany), JICA (Japan) and EU (DGXII) as Project and Programme Manager. He has conducted numerous feasibility and planning studies, building programs and has implemented projects on the ground. He assisted local abd regional institutions to develop strategic plans in sustainable energy. He managed numerous seminars and training workshops concerning the use of renewable energy and energy efficiency. Dr. Taoumi was also involved in several initiatives and projects with a regional scope particularly in MENA and Mediterranean regions including the Mediterranean Solar Plan (MSP). Before joining IRENA in 2010, Dr. Taoumi held several key positions including Secretary General and Interim Executive Director within the National Renewable Energy Centre (CDER) in Morocco as well as a founding member and Executive Secretary of the Mediterranean Association of the National Agencies for Energy Conservation (MEDENER- Network).

As a Regional Programme Officer for North Africa and the Middle East region (MENA) within the International Renewable Energy Agency (IRENA), the first global intergovernmental organisation dedicated to all renewables, Dr. Taoumi managed several projects and initiatives across MENA region including Renewables Readiness Assessment (RRA), assessment of local manufacturing potential in the Arab region and recently the Pan Arab Clean Energy initiative (PACE).

As a Clean Energy Technology Key Expert within the EU GCC Clean Energy Technology Network since January 2016, Dr. Taoumi is managing and coordinating the work-programme for the five Network's working areas: (i) Renewables Energy (ii) Energy Efficiency (iii) Interconnections and Electricity Market Integration (iv) Carbon Capture and Storage (v) Clean fuels.

Dr. Taoumi holds a PhD (1985) in Electrochemistry from the Institut National Polytechnique de Grenoble (INPG) in France and master's degrees in Electrochemical Engineering (1981) and Management Science (2005), he is fluent in English, French, Spanish as well as Arabic.

Dr. Haris Doukas is an Associate Professor in the School of Electrical & Computer Engineering (ECE) of the National Technical University of Athens (NTUA). He has a degree in mechanical engineering (Aristotle University of Thessaloniki – AUTH) and a PhD degree in the area of decision support systems for the sustainable energy sector's operation (ECE, NTUA). His scientific and research expertise includes the development of decision support systems for energy and climate policy, where he has more than 15 years working experience, participating in related initiatives and projects, in Europe, in the Mediterranean basin and the countries of the Gulf. Dr. Haris Doukas has more than 100 scientific publications in international scientific journals, one Book in Greek "Decision Support Policy Models for Energy and Environmental Systems", one open access Book in Springer "Understanding Risks and Uncertainties in Energy and Climate Policy", presentations in international conferences, chapters, articles, etc. For his work, Dr. Doukas has received awards by the State Scholarship Foundation (IKY), the NTUA, the AUTH, the Technical Chamber of Greece (TCG) and the Hellenic Operational Research Society (HELORS) and the World Renewable Energy Network (WREN), among others. Dr. Doukas is the research collaboration specialist of the EU GCC Clean Energy Technology Network, since its creation in 2010.

Dr. Vangelis Marinakis is an Electrical and Computer Engineer of the National Technical University of Athens and an EU GCC Clean Energy Technology Convener for Energy Efficiency. He holds a PhD in the research domain of decision support systems for sustainable energy planning. His experience and knowledge cover the fields of energy and environmental / climate policy, design and implementation of related decision support systems and information technology systems, promotion of energy efficiency / renewable energy technologies and modern financing mechanisms, intelligent energy management (in buildings and organisations, based also on ISO 50001, etc.), elaboration of sustainable energy and climate action plans, and energy corporate responsibility of enterprises. His current research is focused on the design and development of innovative systems and 'IoT' solutions for Smart Cities, using big data technologies and analytics. Dr. Marinakis has more than 45 scientific publications in international journals and book chapters, as well as numerous announcements in national and international conferences.