

CV_ Efstathia Kolentini

2017-Today EAR Developer

Sector: Smart Grids, Renewable Energy Systems, Energy Efficiency, Financial Studies

2018 Energy platform and models creation for provision of online renewable services (i.e. PV Park predictions etc.) Skysolar Group

2016-2017 Independent Technical Services

Sector: Smart Grids, Renewable Energy Systems, Energy Efficiency, Financial Studies

Indicative projects:

2016 PV roof system for factory, Metamorfosh Area, study and construction

2017 Energy efficiency (Electrical-Heat) study and construction management, Avlida

2017 Energy efficiency (Electrical-Heat) study and construction management, Rizopoli

2019 Energy efficiency (Electrical-Heat) study for private building owner, Penteli Attica region

2020 PV roof system for factory, Metamorfosh Area, study and construction of upgrading the system

2012-2015 TECHNICAL DIRECTOR- CONSULTANT for Plus Energy LAB

Sector: Smart Grids, Renewable Energy Systems, Energy Efficiency, Financial Studies

Indicative projects:

2012 Enable Project, Smart Grid and Energy Autonomous Block of Buildings

2014 Cooperation with Kafkas S.A (National Top Selling Supplier of electrical equipment, Member of Fegime European group) for Energy Consultancy Services

2014 EU Proposal submission for H2020 SME Instrument, topic: CO2 market reformation 2014 PPC S.A. Project Preparation, Energy Market Reformation-Cooperation with Danos

S.A

2012-2014 TECHNICAL DIRECTOR - CONSULTANT for PV Installation Companies (Stamell S.A., GK Energy, TRISILION COMPANY, Solis Energy)

Sector: Photovoltaic Systems, Energy Efficiency, Financial Studies

Indicative projects:

2013 ReConstruction - Installation Study, Technical / Construction Management of PV Park, 500 kW, Karditsa

2013 ReConstruction - Installation Study, Technical / Construction Management of PV Park, 500 kW, Kalivia, Attica Region.

2013 PreInstallation Study of PV-Wind-Storage System (On grid - Off grid) for Marmoline Industrial Buildings, 500 kW, Oropos, Attica Region

2009-2014 EVILION SYSTEMS FOUNDER (Photovoltaic Installation company)

Evilion Systems, www.eviliionsystems.gr , 85 Vouliagmenis Ave, Athens, Greece

Financial and Management Director. Construction Manager - PV Designer. Coordination of multiple projects and coordination of works on the field. Subcontracts of large scale PV Park projects

Sector: Photovoltaic Systems, Energy Autonomous Systems, Financial Studies

Indicative projects:

2009 Study and licensing of PV Park, 400 kW, Argolis

2009 Economic/Installation Management of PV Park 800 kW, Kavala (rooftop system)

2010 Economic/Installation Management of PV Park 500 kW, Agrinio

2010 Economic/Installation Management of PV Park 500 kW, Agrinio

2010-11 Installation Study and Construction Management of residential PV systems up to 10kW, total capacity of 110 kW, Attica - Messinia (Elliniko, Maroussi, Gerakas, Kalyvia, Lagonisi, Elefsis, Kiparissia, Filiatra, Agrilis, Gargaliani, Pylos)

2011 Economic/Installation Management of PV Park 2 MW, Florina

2011 Study and Installation Management of PV Parks, 2.3 MW in total in Kavala, Orestiada, Ioannina

2011 Installation Study - Construction Management of PV Park, 100KW, Pylos (Solar trackers)

2011 Study of PV systems with total capacity of 2 MW in the Attica region

2011 Installation Study and Construction Management of commercial PV systems, total capacity of 30 kW, Attica (Vari)

2010- 2012 Economic/Installation Management of 30 PV Parks of Installed Capacity up to 100 kW, Kefallonia, Kalamata, Pyrgos, Amuntaio, Pylos, Ioannina, Sparti, Drama, Korinthos, Thiva

2010-2012 Economic/Installation Management of PV Parks 27 MW in total for Collaborative Construction Companies. Indicative:

2012 Economic/Installation Management of PV Park 100 kW (solar trackers) Agrinio

2012 Installation Study for PV Park, 500 kW, Orestiada

2012 Installation Study - Construction Management for PV Park, 500 kW, Kavala (rooftop

system) 2012 EU Project preparation with PPC S.A. for energy smart grid construction.

2013 Licensing and Installation Management of PV Park, 300 kW, Kalamata

2013 Study and licensing of PV Park, 500 kW (rooftop system), Argolis

2007-2012 Renewable Energy Systems ENGINEER-RESEARCHER

National Technical University of Athens, School of Electrical and Computer Engineering (ECE NTUA), Electric Energy Systems Laboratory, Zografou, Athens, Greece

RES Engineer, Researcher. EU Projects Technical –Financial Manager. Coordination of multiple projects.

Sector: Renewable Systems, Energy Market, CO2 market, Financial Studies

Indicative projects:

2007-2008 EU Project EUDEEP, “The birth of a European Distributed Energy Partnership that will help the large-scale implementation of distributed energy resources in Europe”, Technical Participation. Total Project Budget: 30 M €

2007-2011 EU Project DERlab, “Network of DER Laboratories and Pre-Standardisation”, Project Management / Technical Participation. Total Project Budget: 4 M €

2007-2008 EU Project Stories, “Addressing barriers to storage technologies for increasing the penetration of intermittent energy sources”, Technical Participation. Total Project Budget: 500.000 €

2007 National Project of Germanos-Sunlight, “Design and Development for monitoring and control of hybrid system”, Technical Participation. Total Project Budget: 100.000 €

2007 EU Project More Microgrids, “Advanced Architectures and Control Concepts for Microgrids”, Technical Participation

2009-2011 EU Project SEESGEN-ICT, “Supporting Energy Efficiency in Smart Generation Grids through ICT”, Project Management / Technical Participation. Total Project Budget:

500.000 €

2008-2011 EU Project DERRI, “Distributed Energy Resources Research Infrastructure-Contract”.

Project Management / Technical Participation. Total Project Budget: 10 M €

2008-2010 FOUNDER CONSULTANT – ICCS / NTUA MANAGER of EU Organisation DERlab.

DERlab seat: Germany.

2008 Consultant / Organization Services for the foundation of the EU Association “DERlab”. ICCS- NTUA Delegate for the Operation Management. DERlab is an Association of Distributed Energy Resources laboratories focusing on grid integration / services (like inverter testing, PV

outdoor testing, EMC compatibility) and DER consultancy. 11 Labs from industry, research institutes and universities were founding members

FOUNDER CONSULTANT – MANAGER of EU Organisation EUROVR.

EUROVR seat: Brussels

2008-2010 Consultant / Manager / Operation - Organization Services for the foundation of the EU Association “EUROVR” and the first year of operation. EUROVR is an Association that comprises of Industry, Academia, Research Institutes, SMEs and Individuals in the field of VR-AR-MR. 52 founding members.

2005-2007 PV ENGINEER-RESEARCHER

Center of Renewable Energy Sources (CRES), PV Department, Pikermi, Athens, Greece

PV Engineer, Researcher. EU Projects participation. Main objectives of research were photovoltaic system modeling, microgrid simulation and battery control

Sector: Photovoltaic Systems

Indicative Projects:

2006-2007 EU Project EUDEEP, “The birth of a European Distributed EnErgy Partnership that will help the large-scale implementation of distributed energy resources in Europe”, Technical Participation

2006-2007 EU Project DERlab, “Network of DER Laboratories and Pre-Standardisation”, Technical Participation.

ADDITIONAL INFORMATION

Publications Conferences Seminars

- E Kolentini, A Neris, C Protogeropoulos, “Utilisation of Storage for the provision of local ancillary services in low voltage feeders with substantial PV penetration”, International Conference “Energy Autonomy through the Storage of Renewable Energies”, Germany, 2006
- E Kolentini, N Hatzigiorgiou: Estimating the limit of the emission allowances in every day’s electric power production. 3rd International Conference on Integration of Renewable and Distributed Energy Resources, Nice 2008

- E Kolentini, N Hatziaargyriou: Developing a Matlab tool while exploiting Neural Networks for combined prediction of hour's ahead system load along with irradiation, to estimate the system load covered by PV integrated systems. IEEE International Conference, Capri 2009
- E Kolentini: Integration of RES, with focus on PVs, in the energy market. DERlab Academic seminar, Athens 2009
- A Krusteva, T Degner, J Mutale, E Kolentini, I Wasiak: Network of Excellence DERlab Activities for transition towards more decentralized Energy Systems. Energy Forum 2009
- S Tselepis, E Lemaire, P Nørgår, P Mora, E Kolentini, E Zabala, M Stifter, T Degner: Grid integration issues for EVs / PHEVs: the DERlab approach, European Conference Smart Grids and Mobility, 2009
- J E Rodríguez, F Gafaro, I Wasiak, P Gburczyk, E Kolentini, WH Siew, B Bletterie: Electromagnetic Compatibility for Distributed Energy Resources, 2011
- E Lemaire, N Martin, P Nørgård, Ede Jong, Rde Graaf, J Groenewegen, E Kolentini, S Tselepis: European White Book on Grid-Connected Storage, 2011
- E Kolentini, F Cucchiatti: Footprint of ICT elements and networks in the home and - reducing GHG emission. International Telecommunication Union (ITU) Workshop "Moving to a Green Economy through ICT Standards", Rome 2011
- S. Skarvelis-Kazakos, E. Rikos, E. Kolentini, L.M. Cipcigan, N. Jenkins, "Implementing agent- based emissions trading for controlling Virtual Power Plant emissions", Electric Power Systems Research, 2012
- E Kolentini: PV integration in Residential sector, Passive Houses seminar, Thessaloniki 2012
- E Kolentini, E Paraskevadaki: Inclusion of LV/MV consumers in Emission Trading Scheme, CIRED 2013

Invited Speaker

- E Kolentini, F Cucchiatti: Footprint of ICT elements and networks in the home and - reducing GHG emission. International Telecommunication Union (ITU) Workshop "Moving to a Green Economy through ICT Standards", Rome 2011

- E Kolentini: PV integration in Residential sector, Passive Houses Seminar, Thessaloniki 2012

Books

- E Lemaire, N Martin, P Nørgård, Ede Jong, Rde Graaf, J Groenewegen, E Kolentini, S Tselepis: European White Book on Grid-Connected Storage, 2011

EAR

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