

## Curriculum Vitae



### Education:

Studied in the UK (1971-80), graduating from the University of Leeds (1974 – 1980)

- B.Sc. Chemical Engineering on Local Education Authority grant
- M.Sc. in Fuel and Energy on Science Research Council grant
- Ph.D. in Solar Energy on Science Research Council grant (awarded in 1988)

### Vision and personal statement:

I began this wonderful self rewarding journey into the world of renewables in 1978, at Leeds University, with a Ph.D. on Solar Energy.

I was lucky to be involved all my professional life with renewables, for 41 years by now, from a junior engineer at P.P.C. in the early 80's, when I was involved with the installation of Wind and Solar energy projects on the Greek islands, to more recent years as Chairman for consecutive periods of the Wind Energy Association of Greece, CEO of Public Power Corporation's Renewables subsidiary, as well as head of the Cabinet Office of the deputy Minister for the Environment, Energy and Climate Change Prof. Maniatis. I have also had the privilege to participate in the historic COP21, as well as COP22, COP23 and COP24 global Climate Conferences, while currently I am active in the renewable energy sector in Sub Saharan Africa, based in Kenya.

I believe climate change to be the number one threat to our civilisation; hence all our efforts and necessary funds, via a Talanoa inclusive process, guided by the principle of just transition, should be directed towards the more ambitious climate actions needed to meet successfully this unique challenge, as at the moment, we seem to be doing "too little, too late".

The single most determinant solution to this problem lies in the immediate and extensive deployment of all Renewable sources, aimed at achieving a 100% Renewables energy mix and a net zero carbon economy the soonest possible to avoid temperature rise above 1,5o C, as the 2018 IPCC special report urges us to do.



## Renewable Energy Development Professionals V.A.T. 800778381

---

September 2019 (on going) Visiting Professor at the Technical University of Mombasa  
He was appointed by the Technical University of Mombasa, Kenya Visiting Professor based on his vast experience in Renewable Energy, Environmental management and Climate Change. He will cooperate with the University on Renewable and Climate change issues and programmes.

June 2018 (on going) Senior Expert at EU-GCC Clean Energy Technology Network  
He joined the National Technical University of Athens (NTUA) EU-GCC Clean Energy Technology Network which aims to catalyze partnerships between clean energy stakeholders, both in the GCC and the EU.  
The Network is a source of information on clean energy topics, an inclusive platform for stakeholders to meet and debate and the bridge towards cooperation on clean energy, including policy and technology aspects, among various players across the EU and GCC countries, with the aim to assist the energy transition in the area.

February 2018 (on going) Editor and Content editor to E-mc<sup>2</sup>  
He is the owner, creator and editor of a dedicated Climate and Energy portal aimed at raising public and stakeholder's awareness to the imperative need for immediate climate action, in accordance with the COP23 motto "*Faster, Further, Together*, in the effort to achieve the mandate set out by the *1.5C Special Report* and contain climate crisis. The portal has English and a Greek platform, (e-mc2 = energy matters to climate change) and it has a world-wide readership.

November 2017 (on going) Mentor at ISNAD  
He accepted the position of postgraduate student Mentor of the International Support Network for African Development (ISNAD), offering one-to-one mentoring to African M.Sc. and PhD students, on a purely pro-bono basis, supporting them to structure their research, to be innovative, to acquire problem solving techniques, and to be results-oriented, meeting global standards, with the aim of empowering Africa.

November 2017 (on going) Lead country contributor for Greece to REN21  
Red Pro became the Lead country contributor for Greece to REN21's emblematic Global Status report on Renewables contributing validated data to the global status report.

December 2015 (on going) Official participation at COP- Conferences of the Parties  
He attended the historic COP21 in Paris and then COP22 in Marrakesh and COP23 in Bonn as an Observer with the BINGO group (Business and Industry NGO), representing the Global Wind Energy Council(G.W.E.C.), while in 2018 he attended COP24 in Katowice, Poland as accredited press (as Editor of e-mc2).  
In April 2018 he attended Africa Climate week held at UN Environment Nairobi and Africa Carbon Forum and in September 2018 he attended Future Energy East Africa, both in Nairobi, Kenya, as part of his involvement in the Climate Adaptation, Mitigation and building Climate Resilience for Africa public forum.  
He will attend COP25 in Madrid in December 2019.



## Renewable Energy Development Professionals V.A.T. 800778381

---

June 2014 (on going)

General Manager R.E.D. PRO Consultants

He formed REDPro consultancy (Renewable Energy Development Professionals), after retiring from PPC. He is in charge of the company's daily running, its administration, and the planning and operation as a senior Consultant Renewables Energy engineer.

REDPro is a renewables and climate change oriented consultancy firm, offering its services to anyone embarking on the wonderful renewable and climate change mitigation trip. Through his large world-wide group of colleagues, REDPro has been involved formally and informally with many stakeholders from Moscow to Beijing and from Ankara to Doha and of course in many European countries.

It is formally cooperating with 3E of Belgium in solar projects mainly via the SynaptiQ software, but also in wind and other renewables projects via the Bazefield software.

REDPro is currently active in Kenya where it's in the process of establishing a base, with a view to expand even further its current activities in Renewables in sub-Saharan Africa, which range from commercial scale to utility scale renewable projects as well as mini grid expansion and community projects.

Feb 2010 – Feb 2013 CEO, Public Power Corporation Renewables (PPCR SA)

On February 2010 he was appointed Chief Executive Officer of Public Power Corporation Renewables (PPCR S.A.), a 100% subsidiary of PPC S.A.

PPCR is the company with the most dispersed project pipeline, as it spans the length and breadth of Greece and the most diverse one, as it deals with all 5 renewable energy sources (Wind, Solar, Geothermal, Small Hydro and Biomass). As CEO he was in charge of executing the company's mandate for RES expansion by managing the company's operating assets, advancing the construction of licensed projects and developing new ones for the future.

During his term of office, which coincided with Greece's worst financial and political crisis, which limited and at times halted any progress, he managed to increase PPCR's pipeline from 600 MW to 4.200MW (incl. an offshore wind park).

As part of his work he was in charge of securing funding and financing for the company's projects and of contract negotiations with international energy partners and authorities, creating and building partnerships (e.g. MOU with international players such as the Chinese Sinovel and the French EDF) and negotiations with major Banks (such as China Development bank, EIB, HSBC, BST&D).

His term of office ended in February 2013 and was subsequently offered the position of Vice President of PPCR's Board of Directors, a position from which he resigned in March of 2013.

2010 - 2013

CRES Board Member

He was a member of the Board of Directors of CRES, the Center of Renewable Energy Sources of Greece, which is the official government advisor and analyst on policy and legislation issues on the environment, energy and energy efficiency. CRES is also involved in R&D projects and programmes cooperating with many European Union educational institutes and research centers.



## Renewable Energy Development Professionals V.A.T. 800778381

---

Oct 2009 – Jan 2010 Ministry of Environment, Energy & Climate Change (YPEKA)

In autumn of 2009 he took the position of the Director of the office of Deputy Minister for Energy, Professor Yannis Maniatis, in the Ministry of Environment, Energy and Climate Change (YPEKA). Apart from the daily running, he was responsible (mainly) for all renewable energy matters needing review by the minister (legislation, support mechanisms, European Union policy, licensing procedures etc).

He was also (lucky to be) a member of the team which prepared Greece's road map for the fulfillment of the 2020 Renewable Energy targets under the historic European Union directive 28/2009 for Climate and Energy.

2007 – 2009 Editor of ENERGY POINT & Private Consultant

He was the creator and Editor of a commercial magazine promoting the use of renewables with the title "ENERGY POINT", offering solutions and advice to investors and home owners.

In parallel he worked as free lance Consultant renewable energy engineer.

1999 to June 2016 Editor of specialist magazine ANEMOLOGIA

He is creator and Editor and main author of the historic renewable energy magazine "Anemologia" which was the official Journal of the Hellenic Wind Energy Association. As magazine editor through editorials, lead articles, Op-Eds and news from all over the globe he advocated the development of renewable energy sources in Greece.

As early as 2002 he was explaining scientifically the climate change phenomenon in an effort to alert the public and stakeholders to the impending climate crisis.

1995 – 1996 Private Consultant

He worked for 2 years as Senior Energy Expert for Regional Planning in the EC-Phare project BG-9307-02-01: "Regional Energy Concept / Regional Energy Centre for the Pilot Region of Lovetch" in Bulgaria, a programme which was coordinated by the Energy Policy Unit of the National Technical University of Athens.

1991 to June 2017 President, Hellenic Wind Energy Association

In 1991 he cofounded the Hellenic Wind Energy Association (HWEA) and has served continuously in its Board until 2017, as Secretary General from 1991 to 2001, as Vice President from 2001 to 2003 and again from 2010 to 2013 and as Chairman and CEO from 2003 to 2010 and from 2013 to 2017. He resigned from HWEA in June 2017.

In addition to his duties as President of HWEA, he was responsible for the content and updating of the Association's LinkedIn, Facebook and web sites as well as all its publications. He organized the 1994 European Wind Energy Conference & Exhibition in Thessaloniki Greece and assisted in the organization of the Athens European Wind Energy Conference & Exhibition in 2006.

For his contribution to the development of wind energy in Greece, he was awarded in 2011 by the Hellenic Wind Energy Association the "AIOLOS" prize, which is awarded biannually to three outstanding wind energy personalities, but in 2011 only one was awarded to honour his unique contribution.



## Renewable Energy Development Professionals V.A.T. 800778381

---

1984 – 2007

Renewables engineer at the Public Power Corporation

In 1984 he joined the PPC's (Public Power Corporation) Direction of Alternative Energy Sources. He worked as a young engineer in the team for the design and preparation of feasibility studies for the submission of proposals for EU funded programmes for the realisation of the first wind, solar energy and geothermal projects programme in Greece, as at that time PPC was a monopoly in generation transmission and distribution of electricity in Greece.

The Renewable Energy Sources projects (mainly Wind Energy, but also Solar, Geothermal and Biomass) were designed to be submitted for funding within the framework of EU programmes such as Demonstration, Pilot as well as Commercial funded programmes such as Hors Quota, Mediterranean Integrated and Valoren.

He held various positions and was involved in all project development stages (negotiations, planning, tendering, auctioning, licensing, contracting, financing, construction and monitoring & reporting). In time he was put in charge of the projects' Management and of the projects' Evaluation especially in connection to Auditing by EU authorities.

Before the 80's decade was out, the Direction had installed a large number of wind and solar projects in the Aegean islands and Crete, marking the start of the Renewables era.

He left in 2007, when the Direction was dissolved.

1982 – 1984

Director of Athens Branch of Energy products company

As Director of the company's Athens Branch he was in charge of Marketing, Promotion, Sales, Installation and Servicing of Solar Water heaters and energy stoves.

The Branch had jurisdiction in Athens, Peloponnese and the Aegean Islands.

1981 – 1982

Military Service in the Greek Navy

During his 18 month compulsory military service in the Navy, in addition to his military duties (he was an officer) he was stationed at the office of Navy's Public works and conducted solar water heater and sewage treatment works studies.

Other activities

He has been an active member of the European Wind Energy Association since 1987. He has served for two terms as Vice President of the European Wind Energy Association (EWEA).

For his contribution to the development of wind energy in Greece, he was awarded in 2011 by the Hellenic Wind Energy Association the "AIOLOS" prize, which is awarded biannually to three outstanding wind energy personalities, but in 2011 only one was awarded to honour his unique contribution.

In 2009, as editor of Energy point, he was awarded the "OIKOPOLIS" prize for his contribution to the protection of the environment.

Personal Details:

Born on 30<sup>th</sup> of September 1952 in Paranestion, Drama, Greece, he is separated with 3 children & 4 grandchildren

email [i.tsip@redpro.gr](mailto:i.tsip@redpro.gr) , [emc2tsip@gmail.com](mailto:emc2tsip@gmail.com) , [anemologia@gmail.com](mailto:anemologia@gmail.com)