

Curriculum vitae

1. **Family name:** T.
2. **First names:** Dimitris
3. **Date of birth:** 25/03/1951
4. **Passport holder:** Greek
5. **Residence:** Athens, Greece
6. **Education:** Chemical/Environmental Engineer (MSc)

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained:
Technical University of Darmstadt (Germany) 1970-1976	Diploma of Chemical Engineering
International Institute of Hydraulic/Environmental Engineering (Technical University) of Delft (Netherlands) 1979-1980	Post-graduate Diploma (MSc) in Environmental Science and Technology

7. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	1	1
German	1	1	1

8. **Membership of professional bodies:**

- Technical Chamber of Greece (Association of Greek Engineers) 1977 - 2013

9. **Other skills:** (e.g. Computer literacy, etc.)

- **PRINCE2** certified (Project Management)
- Microsoft Office, Windows XP/7/8

10. **Present position:** **Free-lance Expert on waste management/recycling, hazardous wastes and industrial pollution control issues, low emission strategies**

11. **Experience:** > 35 years

12. **Key qualifications**

- **35 years of experience in the environmental sector** in the Greek Ministry of Environment, Energy and Climate Change (1978 – 2013) as **institutional expert** (building up waste management national/regional systems, **design/enforcement of waste management legislation** (hazardous/non-hazardous wastes) **industrial/municipal wastewater management, industrial pollution control** for pollution prevention (low emissions from waste management systems and from industrial processes)
- **11 years advisory** role for the United Nations Environment Programme – Mediterranean Action Plan (UNEP-MAP) for setting up **regional waste infrastructure schemes** and preparing guidelines for **industrial and municipal solid/liquid waste management** in the Mediterranean countries and the Persian Gulf Region.
- **14 years of experience in the waste management** sector:
 - **4 years in the European Environment Agency** (1999 – 2003) as project manager (evaluation of hazardous/non-hazardous **waste management policies, material flows**, assessment of hazardous/non-hazardous waste management information from all European countries)

- **8,5 years in the Greek Ministry of Environment, Energy and Climate Change (2003 – 2009, 2010 - 2013) on waste management policies and waste recycling issues**, classification of wastes (hazardous/non-hazardous) according to the European Waste Catalogue, **implementation of the Waste Framework Directive** in Greece, accounting for trans-boundary movement of **hazardous/non-hazardous waste (TFS)**, **capacity building for waste recycling national and regional infrastructure schemes** for hazardous wastes such as **packaging waste, electric/electronic waste (WEEE), batteries, end-of-life vehicles (ELV), waste tyres, construction/demolition wastes**: formulation of the **national policy for the implementation of various EU Directives dealing with wastes (packaging, WEEE/RoHS/batteries/ ELV) in Greece**, design of the relevant **national implementation plans**, supervision (monitoring of results, correction measures, logistics/economic performance of the relevant stakeholders) of the plans' implementation, preparation of strategic decisions for the **improvement of the national policies/implementation plans for WEEE, batteries, ELV, waste tyres**. Representative of Greece in the **Technical Adaptation Committees (TAC)** of the European Union responsible for the transposition of the relevant Directives (**WEEE, RoHS, batteries, ELV**)
- **10 years of experience in wastewater management (1989 – 1999)**
- **23 years of experience in industrial pollution control (1978 – 1999, 2013 - 2016):**
 - 12 years in the Greek Ministry of Environment, Energy and Climate Change (1978 – 1990) on inventories in several **industrial sectors for pollution control measures**
 - 9 years in the Greek Ministry of Environment, Energy and Climate Change (1991 -1999) on the **introduction of pilot projects** for the **recycling of industrial wastewaters** in Small/Medium Enterprises (SME) and for the **introduction of the IPPC Directive (1996 – 1999)** in Greece
 - 1 year (July 2004 – August 2005) as short-term expert in the TWINNING project SK/02/IB/EN/02 for the implementation of the **IPPC Directive**. Cooperation with the Slovak Environment Agency (SEA)
 - 1 year working as a Short Term Expert (HumanDynamics) in a Technical Assistance (TA) "Project Law enforcement in the field of industrial pollution control" (EuropeAid/131555/C/SER/RS) responsible for the preparation of manuals and training documents for the implementation of the **IPPC Directive** (Integrated Pollution Prevention and Control) in **Serbia** (May 2013 – June 2014)
 - July – October 2014 in Athens: in the framework of **the Horizon 2020 initiative** (an EU funded project for capacity building in the Mediterranean Region aiming at the reduction of industrial pollution by 80% by the year 2020) **preparation of a methodology for Best Available Techniques (BAT) selection for the Iron and Steel Mills industry and conduction of training programme for institutional capacity building in the Mediterranean Region**. The training workshop was attended by 40 representatives from public authorities of the Mediterranean Region (Bosnia-Herzegovina, Montenegro, Albania, Israel, Tunisia, Algeria, Palestine, Egypt, Jordan, Lebanon, Morocco).
- **Expert in EU TWINNING (TW) Projects in the fields of waste management and industrial pollution control (2004 – present):**
 - Short term expert (STE) in TW SK/02/IB/EN/02 for the implementation of the **IPPC Directive (2004 – 2005)**
 - STE for TWINNING projects in new EU countries (Malta, Estonia) for **hazardous waste management (WEEE, ELV 2002/53/EC, batteries)**: organization of regional systems, **implementation of EU waste management legislation**, improvement of existing national/regional waste management infrastructure schemes, recommendation for the formulation of national policies to implement the relevant EU Directives (2006 – 2008)
 - **1,5 years (20 months)** contracted by the **Austrian Federal Environment Agency** as **TWINNING project manager** (Resident Twinning Adviser – RTA) for the implementation of

the EU TWINNING project **Strengthening the administrative capacity/institutional building for practical implementation of waste management legislation in the fields of hazardous waste from electrical and electronic equipment (WEEE), batteries and accumulators** at national and regional level in **Bulgaria**: coordination of the experts' work, administrative (organization of missions and meetings) support of the experts, conducting of training workshops, organization of 2 study visits (Greece, Austria), reporting to the national (Bulgarian) and the EU authorities about the project's results, formulation of **proposals/recommendation** to the Bulgarian Ministry of Environment for the **formulation of the national policy** and of the **implementation/action plan for WEEE/batteries management** (2009 – 2010)

- Short Term Expert (FIIAPP – Spain) for the TWINNING Project MK-10-IB-EN-01 “Strengthening the administrative capacities at central and local level of implementation and enforcement of the environmental acquis” (Industrial Emissions Directive - IED) in Macedonia (July 2015 – March 2016)
 - Key Expert (Geotest – Netherlands) for the preparation of the TW Fiche for the implementation of IED/Seveso III Directive in Georgia (January – March 2016)
 - International Low Emissions Advisor (Winrock International – USA) for the development of Low Emissions Development Strategies in Georgia (October 2016 -).
- Short Term Expert (DMI – IDOM) in the EU financed project “Support to Vietnamese industry to upgrade its production methods to adjust to the EU’s technical regulations and standards in the area of chemical safety” – preparation of a technical manual for the environmentally sound production **of electrical/ electronic equipment** in **Vietnam** (July – August 2014).

13. Specific experience in selected countries:

Country	Date from - Date to
Greece	1978 - 2013, dealing with industrial pollution, waste management on behalf of the Greek Ministry of Environment
Bulgaria	2009 - 2010 (as RTA in TWINNING project). Day-to-day cooperation with the Bulgarian Ministry of Environment & Water Management (WEEE/batteries management)
Malta	November 2006 -June 2007 (short-term expert in TWINNING project). Cooperation with the Maltese Environment Planning Authority (MEPA) and the Waste Management Company WasteServ. (ELV, batteries, WEEE, waste oils)
Estonia	January 2008 -June 2008 (short-term expert in TWINNING project). Cooperation with the Estonian Ministry of Environment on the restriction of hazardous substances in electrical/electronic equipment/waste
Slovakia	July 2004 - October 2005 (short-term expert in TWINNING project SK/02/IB/EN/02 for the implementation of the IPPC Directive . Cooperation with the Slovak Environment Agency (SEA)
Syria	3 visits (1 week each): March 1997, November 2010, February 2011) – total 13 working days. Cooperation with the Syrian Ministry for Environmental Affairs
Lebanon	1 visit (1 week): March 1997. Cooperation with the Lebanese Ministry of Environment
Algeria	1 visit (1 week): March 1987. Cooperation with the Algerian Ministry of Environment
Qatar, Bahrain, Iran	1 week in each country (lecturer on behalf of UNEP/ROPME to present to participants from environmental authorities of the Persian Gulf states relevant documents mentioned in par. 15): Iran – July 2007, Qatar – October 2005, Bahrain – October 2008
Mediterranean Region	1986 – 2011 (working as UNEP/MAP consultant and/or Greek focal point on waste management/industrial pollution issues . Cooperation with UNEP/MAP headquarters and with the relevant MAP Regional Centres i.e. Priority Actions Programme (PAP/RAC) – Split (Croatia), Blue Plan (BP/RAC) – Sophia Antipolis (France), Cleaner Production (CP/RAC) – Barcelona (Spain)
Serbia	May 2013 – June 2014 working as consultant on the implementation of the IPPC Directive (methods for BAT assessment and ELV setting) for the Serbian Ministry of Environment
Vietnam	July – August 2014 working as consultant in the framework of the project “Support to Vietnamese industry to upgrade its production methods to adjust to the EU’s technical regulations and standards in the area of chemical safety”for the preparation of a technical manual for the environmentally sound production of electrical/electronic equipment
Macedonia	July 2015 – March 2016 for the TWINNING Project MK-10-IB-EN-01 “Strengthening the administrative capacities at central and local level of implementation and enforcement of the environmental acquis” in Macedonia
Georgia	January – March 2016 Key Expert for the preparation of the TW

	Fiche for the implementation of IED/Seveso III Directive in Georgia
Georgia	Low emissions advisor for a project financed by the US government in Georgia (since October 2016)

14. Professional experience

Date from - Date to	Location	Company& reference person (name & contact details)	Position	Description
October 2016 -	Tbilisi, GEORGIA	Winrock International, Mrs. Netanya Huska, Project Manager, NHuska@winrock.org	Low Emissions Advisor	Preparation of Low Emissions Strategies for the Government of Georgia (Ministry of Environment)
January – March 2016	Tbilisi, GEORGIA	Geotest, Mrs. Blanka Krivankova, Project Manager krivankova@geotest.cz Particip, Mr. Ralf Juelich Team Leader ralf.juelich@web.de	Key Expert	Preparation of the TW Fiche for the implementation of IED/Seveso III Directive in Georgia
July 2015- March 2016	Skopje, MACEDONIA	FIIAPP, Mr. Cesar Seoanez, Resident Twinning Advisor inspection.cs@gmail.com	Short-term expert	TWINNING Project MK-10-IB-EN-01 “Strengthening the administrative capacities at central and local level of implementation and enforcement of the environmental acquis” in Macedonia (July 2015 - present). Focus on the preparation of manuals and training documents for the inspection of industrial facilities.
21.7. – 20.8.2014	Hanoi - VIETNAM	DMI – Mr. Claudio Dordi – Team Leader claudio.dordi@gmail.com	Short term expert	MUTRAP project “Support to Vietnamese industry to upgrade its production methods to adjust to the EU’s technical regulations and standards in the area of chemical safety” – preparation of a technical manual for the environmentally sound production of electrical/ electronic equipment
19.5.2013 – 13.6.2014	Belgrade - SERBIA	Human Dynamics – Mr. Riccardo Quaggiato – Key Expert, riccardo.quaggiato@humandynamics.org	Short term expert	Technical Assistance (TA) Project for the implementation of the IPPC Directive (2008/1/EC) : Development of a methodology for the assessment of Best Available Techniques (BAT) and Emission Limit Values (ELV) – Guide for the Serbian Ministry of Environment (short-term contract)
1.10.2010- 28.2.2011 and 1.9.2011 – 31.7.2013	Athens - GREECE	Greek Ministry of Environment, Energy & Climate Change (Mr. George Manouris – Director, g.manouris@prv.ypeka.gr , +302108620557)	Institutional Expert	Monitoring of the implementation of alternative management systems/ enforcement of EU/national legislation and building up of institutional waste management infrastructure systems (national, regional) for waste management issues: batteries (2006/66/EC), wastes from electric/electronic equipment (WEEE – 2002/96/EC & 2012/19/EU), used tyres, end-of life-vehicles (ELV 2002/53/EC) Assessment of EIA studies for industrial installations concerning waste treatment/recycling

01.03.2011-31.8.2011	Athens - GREECE	UNEP/MAP (Mr. Saverio Civili – MEDPOL Coordinator, fcivili@unepmap.gr , + 30210 7273106)	Consultant	<ul style="list-style-type: none"> • Coordination/supervision of projects concerning the environmentally sound management of chemicals such as Persistent Organic Pollutants (POPs) and especially PCBs in Turkey, Syria, Albania, Bosnia-Herzegovina • Design of a database on registration, classification of banned chemicals and hazardous wastes for the Mediterranean countries on the basis of the provisions of the Basel and Stockholm Conventions in cooperation with the Basel Convention Regional Centre (BCRC) in Bratislava (Slovakia) • Supervision/coordination of the project for the management of industrial sources of pollution through the application of Pollutant Releases and Transfer Register (PRTR) in 10 coastal Mediterranean regional directorates of the Ministry of Forestry and Environment in Turkey (in cooperation with the University of Trieste – ITALY) • Supervision/coordination of the project for the management (preparation of proposals for policy reforms and guidelines) of effluents from tanneries in the Usak area (Turkey) • Supervision/coordination of the project for the management (preparation of proposals for policy reforms and implementation plans) of lubricating oils in Algeria • Implementation (preparation of proposals for policy reforms and implementation plans) for the management of car/industrial batteries containing lead (Pb) in Syria
1.2.2009-30.9.2010	Sofia - BULGARIA	Austrian Federal Environment Agency (Mr. Thomas Weissenbach - project leader, thomas.weissenbach@umweltbundesamt.at , +43-(0)463-341 50/27)	Resident Twinning Adviser (RTA)	<p>RTA for the practical implementation of the TWINNING Project “Strengthening the administrative capacity for practical implementation of legislation in the fields of waste electrical and electronic equipment (WEEE 2002/96/EC), batteries and accumulators (WAB 2006/66/EC) at national and regional level in Bulgaria” - Partners: Ministry of Environment and Waters (BG) and Umweltbundesamt (AT) - Junior Partners: Ministry of Environment, Energy & Climate Change (Greece), Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Germany)</p> <p>Main components of work:</p> <ol style="list-style-type: none"> a) Legal/institutional gap analysis, preparation of business plans and relevant recommendations & proposals for improvement of legal framework for the management of waste from electrical and electronic equipment (WEEE), batteries and accumulators b) Application of the RoHS Directive 2002/95/EC (Restriction of Hazardous Substances) to the Bulgarian government c) improvement of collection/management of WEEE (2002/96/EC), batteries

				<p>and accumulators</p> <p>d) Design of electronic register for electrical and electronic equipment, batteries and accumulators</p> <p>e) Organisation of study visits to Austria/Greece f) Organisation of workshops/seminars g) Calculation of costs for WEEE/batteries and accumulators management</p> <p>f) h) Organization of public awareness campaign</p> <p>Project budget: 800,000 €</p> <p>Number of short-term experts (STE): 16</p> <p>Working days of STE (total for all components): 321</p> <p>Missions (total for all components): 95</p> <p>Main activities performed by RTA:</p> <ul style="list-style-type: none"> • Preparation of work plans for each STE mission • Preparation of time sheets for each STE • Quality control of deliverables (review/evaluation of the technical content of 10 main reports – approx. 600 pages in total in each language) • Selection of interpreters/translators for the translation/interpretation needs (documents, workshops, final conference) – preparation of relevant TOR • Coordination of the translation of the prepared documents (from EN to BG) • Preparation of the implementation plan for the practical elaboration of project's outcomes/results • Organization of 9 technical workshops, 1 kick-off workshop, 1 final conference • Organization of 2 study visits (Austria/Greece) for 20 participants to visit technical installations • Preparation of 6 interim and 1 final report • Preparation of change request letters ("side letters") incl. financial arrangements for budget re-allocations
1.9.2003 - 31.1.2009	Athens - GREECE	Greek Ministry of Environment, Energy & Climate Change (Mr. George Manouris – Director, g.manouris@prv.ypeka.gr , +302108620557)	Institutional Expert	<p>Monitoring of the implementation of waste management systems/ enforcement of EU/national legislation and building up of national/regional waste management infrastructure schemes for waste management issues: batteries (WAB 2006/66/EC), wastes from electric/electronic equipment (WEEE 2002/96/EC), used tyres, end-of life-vehicles (ELV 2002/53/EC)</p> <ul style="list-style-type: none"> • National focal point for the implementation of the E.U. Environmental

				<p>Technologies Action Plan (ETAP), an EU Commission Initiative to promote environmentally sound techniques/ methods (e.g. green public procurement, recycling of waste streams etc.) in the economy</p> <ul style="list-style-type: none"> • Short-term Expert (STE) in the TWINNING project SK/02/IB/EN/02 between Greece and Slovakia on the implementation of the IPPC Directive (2004 - 05) • STE for hazardous waste management in the TWINNING project MT2004/IB/EN/08-TL between Austria and Malta on the hazardous waste inventory and technical assistance in regulatory aspects of hazardous waste management (2007) • STE for hazardous waste management in the TWINNING project EE05-IB-TWP-ENV-04 between Austria and Estonia on the implementation of RoHS and WEEE Directive (2008). Responsibilities included: country needs assessment, contributing to the development of environmental profile for the above mentioned countries, legal/institutional gap analysis, proposal of comprehensive recommendations to the relevant EU/national authorities. • National focal point for the implementation of the E.U. Environmental Technologies Action Plan (ETAP)
1.9.2004-31.12.2007	Working in Athens (part-time assignments in the mentioned period)	United Nations Environment Programme – Regional Organization for the Protection of the Marine Environment (ROPME) - PO Box 26388, 13124 Safat, KUWAIT (Mr. Hassan Mohammadi – Director, ROPME ropme@qualitynet.net)	Consultant	<ul style="list-style-type: none"> • Development of guidelines on Sewage Treatment and Disposal for the ROPME (Persian Gulf) Region • Development of guidelines for industrial wastewater management for the ROPME (Persian Gulf) Region • Development of guidelines for combined/joint treatment of effluents (industrial/ municipal) for the ROPME (Persian Gulf) Region • Preparation of an introductory document to the rapid assessment method of wastewater pollution sources originating from major land-based activities in the ROPME (Persian Gulf) Region. <p>All these reports were presented in relevant workshops in Qatar, Bahrain, Iran.</p>
1.9.2003-31.10.2005	GREECE (part-time assignments in the mentioned period)	United Nations Environment Programme –MAP (Mr. George Kamizoulis – WHO Senior Officer, gkamiz@unepmap.gr , +302107273105)	Consultant	<ul style="list-style-type: none"> • Development of guidelines for the management of industrial wastewater for the Mediterranean region • Development of guidelines for the preparation of the control and reporting instruments for national compliance to the Strategic Action Programme • Guidelines for the implementation for the inspection of effluents from selected industrial sectors in the Mediterranean Region
1.9.1999-31.8.2003	Kongens Nytorv 6, Copenhagen,	European Environment Agency (Mr. Gordon McInnes – Deputy	Project Manager	Coordinator for the collection/assessment of information and the evaluation of waste management policies on:

	DENMARK	Director, + 45 33367100)		<ul style="list-style-type: none"> • Household/municipal waste • Hazardous waste • Mass/substance flows on selected waste streams • Waste management facilities • Waste management/minimisation practices, strategies
25.7.1978-31.8.1999	Patission 147, Athens - GREECE	Greek Ministry of Environment, Energy & Climate Change (Mr. George Manouris – Director, g.manouris@prv.ypeka.gr , +302108620557)	Expert	<ul style="list-style-type: none"> • Industrial pollution source inventory /environmental audits/inspection/law enforcement (1978-99) • Preparation - control (on-site inspections) of technical prescriptions and operational conditions for liquid waste management systems and of sectorial studies (1981-89) • Project coordinator for the Dutch - Greek pilot project recycling of Cr as tanning agent in cooperation with the Dutch Institute TNO, the Hellenic Leather Centre, the Dutch Ministry of Environment and for the Dutch - Greek pilot project protein separation from tannery wastewater for 7 tanneries on the island of Samos (1991- 97). <p>Main activities :</p> <ul style="list-style-type: none"> ✓ <i>Inventory of environmental problems in each tannery</i> ✓ <i>Design of effluent treatment installations</i> ✓ <i>Purchase/installation of necessary equipment</i> ✓ <i>Training of tanneries' managers/workers to run the installations</i> ✓ <i>Assessment of results (technical/environmental/economic benefits)</i> <ul style="list-style-type: none"> • National expert responsible for the practical implementation of the EEC-Directive 271/91 concerning the treatment and disposal of municipal waste waters (1990- 99) • National expert/representative for the LIFE-regulation of EEC, acting as member of the related • management committee (1991-99) • National representative of the Information Exchange Forum (IEF) for the determination of Best Available Techniques (BAT) for the industrial branches prescribed in the IPPC-Directive (1996- 99) • Member of the working group for the determination of BAT for tanneries under the coordination of the EIPPCB - Seville (1998- 99) • Member of the working team for the implementation of the Water Framework

				<p>Directive (1997- 99)</p> <ul style="list-style-type: none"> • Coordinator of the scientific team (Ministry of Environment - National Technical University of Athens) for the development of technical prescriptions required for the implementation of a detailed inventory of industrial pollution sources in Greece (1997) • Coordination/implementation of the EU LIFE-Programme in Greece, preparation of several LIFE funded projects (1993 – 1999) • Evaluation of LIFE-projects(Representative of Greece in the respective EU Committee) in the subjects "clean technologies", "toxic wastes", "3rd countries" (1994- 99) • Coordination of LIFE-experts (contracted by Commission of E.U.) for the evaluation of LIFE-projects (1996-1997, 1999)
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15. Other relevant information (e.g., Publications)

Publications for the United Nations

- Code of Practice for the environmentally sound management of liquid waste discharge in the Mediterranean Sea (1987)
- Guidelines, content and methodology for the elaboration of pre-investment studies for pollution hot spots in the Mediterranean region (1998)
- Guidelines for the management of **industrial wastewater for the Mediterranean region** (2003)
- Guidelines for the preparation of the control and reporting instruments for national compliance to the Strategic Action Programme (2004-2005)
- Guidelines on Sewage Treatment and Disposal for the ROPME (Persian Gulf) Region (2004)
- Guidelines for **industrial wastewater management** for the ROPME (Persian Gulf) Region (2005)
- Guidelines for combined/joint treatment of effluents for the ROPME (Persian Gulf) Region (2005)
- Synthesis report for the implementation of the reporting mechanism of the Strategic Action Programme (SAP) in the Mediterranean Region (2005)
- Guidelines for the **inspection of effluents from selected industrial sectors** in the Mediterranean Region (2005)
- Introduction to the **rapid assessment method of wastewater pollution sources** originating from major land-based activities in the ROPME (Persian Gulf) Region (2007)