

Name	Lauri Isotalo
Year of birth	1962
Education	Helsinki University of Technology, Finland Certified Senior Developer (RAPS) 1998 University of Oulu, Finland; M.Sc. in Civil Engineering 1990 (1994)
Languages	Finnish mother tongue English Fluent Swedish Good German fair Estonian fair Basics of: Greek, Turkish and Arabic
Marital Status	Married

EXPERIENCE

Mr. Isotalo has gained extensive professional experience in various fields of civil engineering, including industrial projects, housing and public buildings projects, water and sewage treatment facilities and collection/distribution networks, waste management and treatment facilities, roads, streets, etc. For most of his professional career he has been involved in international projects, including assignments in Europe, Africa, the Baltic and Balkan countries, Russia, Turkey and the Mediterranean.

He is a specialist in Contract Management, Claims and Procurement issues and contractual procedures in accordance with FIDIC, EBRD, EC (PRAG) and the World Bank conditions. He has prepared and reviewed a vast number of Works, Service and Supply Tender Dossiers. He has acted several times in various positions in a Tender Evaluation Committee and is very familiar with the evaluation procedures. He has delivered several seminars on FIDIC Conditions of Contract, Procurement and Contract & Construction Management. He has managed hundreds of claims and provided advice on claims and DAB procedures for several dispute cases. He is qualified to serve as member of a Dispute Adjudication Board.

EXPERTISE

- Very experienced Procurement, Contracts and Claims Expert.
- More than 20 years of hands-on experience in preparation, design and construction of civil and environmental engineering projects. On-site experience since 1976.
- In-depth experience of preparation and checking of Tender Documents in accordance with regulations of different financing institutions typically based on the FIDIC Conditions of Contract and EU PRAG;
- Long on-site experience from supervision of large scale housing and infrastructure projects under FIDIC Conditions of Contract
- Internationally recognized FIDIC expert.
- Expert in dispute adjudication (DAB) procedures, recently the sole proposed adjudicator in the “Design and Construction of Water Treatment Plants at Lima, Vergenoegen and Cotton Tree” financed by UNDB in Guyana, also recently acted as advisor for several ISPA works contracts (FIDIC) in Romania..
- Solid experience as Design Project Manager, including preparation of feasibility studies, detailed design and technical specifications for civil and environmental engineering projects
- Experienced Leader of multi-national and multi-disciplinary project teams

PROFESSIONAL CAREER

10/2002 to date	Audacon Ltd., Helsinki, Finland; Managing Director / Principal Consultant. Procurement and Construction/Contract Management Specialist in international projects
2/2002 - 10/2002	Soil and Water Ltd., Helsinki, Finland; Senior Project Manager. Procurement and Construction/Contract Management Specialist in international projects
9/1999 - 2/2002	Soil and Water Ltd., Ayia Napa and Paralimni, Cyprus; Supervision Manager, Southeast Coast Sewerage and Drainage Project
3/1998 - 8/1999	Soil and Water Ltd., Helsinki, Finland; Project Manager. International and domestic water supply and sanitation projects
7/1995 - 3/1998	LT-Consultants Ltd./Devecon Oy, Helsinki, Finland; Project coordinator. International projects

- 6/1994 - 7/1995** National Consulting Bureau (NCB), Libya/ LT-Consultants Ltd/ Devecon Oy, Helsinki, Finland;
Resident Engineer. Administrative buildings project at Hun Al Jufrah, Libya
- 6/1993 - 6/1994** LT-Consultants Ltd./ Devecon Oy, Helsinki, Finland
Project coordinator. International projects
- 6/1992 - 6/1993** National Consulting Bureau, Libya/ Devecon Oy, Helsinki, Finland
Assistant/Acting Resident Engineer. 1500 housing units project at Hun Al Jufrah, Libya
- 10/1991 - 6/1992** LT-Consultants Ltd./ Devecon Oy, Helsinki, Finland
Designer. Water supply and sanitation projects.
- 2/1989 - 10/1991** Consulting Office Audax Ky, Oulu, Finland
Managing Director / Partner. Quality control systems for road and bridge construction.
- 6/1987 - 9/1989** Water and Environmental District of Oulu, Finland
Assistant Researcher/Researcher. Developing treatment technologies for peat production industry's runoff water.

PROJECT REFERENCES

- | | |
|---------------------|--|
| Project Name | Regional Housing Programme (RHP) in Four Western Balkan Countries - Technical Assistance Project |
| Location | Serbia, Montenegro, Bosnia & Herzegovina, Croatia |
| Time | 9/2013 – ongoing |
| Project Description | Regional Procurement Expert. Developing procurement procedures and preparing Procurement Assessment and Remedies Reports, Procurement Manuals and Grants Manuals for the four partner countries. In charge of a team of national procurement experts. The project is financed by the Council of Europe Development Bank. |
| Project Name | Procurement and Contracting Strategies for Nuclear Industry |
| Location | Finland |
| Time | 1-7/2013 |
| Project Description | Procurement and Contracts Expert. Developing procurement and contracting strategies for Contractors involved in upcoming Nuclear Projects |
| Project Name | External Observers for Evaluation of Works Tenders for Prilep Wastewater Project |
| Location | FYRoM "Macedonia" |
| Time | 9-10/2012 |

Project Description Procurement Expert. Independent observer for Works tender "Rehabilitation and extension of sewerage network in Prilep".

Project Name **Technical Assistance for management and protection of potential NATURA 2000 sites in the northern part of Cyprus.**

Location Cyprus

Time 2/2009 – 5/2012

Project Description Civil Engineering Expert / FIDIC Engineer's Representative. Responsible of design, procurement & construction supervision of facilities for nature protection, incl. information and visitor centres, research centres, rangers' offices, volunteers' accommodation, auditorium, nature park entrance pavilions, refurbishment of a herbarium etc. Preparation of design and tender documents for Works and Supplies, tender evaluations and construction supervision under FIDIC Red and Green Book

Project Name **Contracting Plan for infrastructure and area works for a Nuclear Power Plant –project in Finland.**

Location Finland

Time 1-3/2012

Project Description Contracts Expert. Comparison of applicable contracting types and recommending the best option for the Owner's Scope. Preparation of a "road map" as well as tentative organization and staffing charts.

Project Name **Tender Documents for several contracts of a bio-power plant - project in the UK.**

Location United Kingdom

Time 1-2/2012

Project Description Contracts Expert. Responsible of commenting and improving tender dossiers for several contracts for a bio-power plant –project in Workington / UK

Project Name **Technical Assistance for "New Field for A New Life" Project**

Location Turkey

Time 9-10/2011

Project Description Procurement Expert. Preparation of design and tender documents for 15 principal and 3 spare projects, each comprising FIFA one star football field, athletics track and social facilities, complete with lighting and security fencing. FIDIC 1999 Red Book and EU PRAG.

Project Name **Technical Assistance to EC Delegation to Montenegro for preparation of the Tender Dossier for one IPA financed works contract (FIDIC Red Book) and tender evaluation**

Location Montenegro

Time 11/2009 – 3/2010

Project Description FIDIC/Procurement Expert. Responsible of preparation of Tender Documents for a Works contract in accordance with FIDIC and

PRAG based on detailed design prepared by the Beneficiary.
Participation to tender evaluation.

Project Name **Technical Assistance for Appraisal of Regional Competitiveness Projects**
Location Turkey
Time 10-12/2009
Project Description Infrastructure Expert. Assessment of the quality of Works and Service Tender Dossiers prepared by the beneficiaries and participation in the tender evaluation committees as an observer.

Project Name **Technical Assistance to review Tender Dossier for construction of sewerage systems in Velipoja and Shkodra and assistance in tender**
Location Albania
Time 2-11/2009
Project Description Team Leader and Contracts Expert for assisting the EC Delegation and the beneficiary's PIU to manage and ensure high quality of designs and tender documents for the Works contracts prepared by the beneficiary and drafting Terms of Reference for Service Contract for Construction Supervision.

Project Name **Assessment of the use of savings within the Budapest Central Municipal Wastewater Treatment Works and Collector Systems project**
Location Hungary
Time 8/2008 - 10/2008
Project Description Technical and Contracts Expert for assessment of use of savings for additional project elements in compliance with original project objectives. Examination of the content of the planned investments from technical, financial and contractual point of view, i.e. the need and justification for the investment as well as the cost-efficiency of the investment.

Project Name **Independent Assistance in the Field of Ensuring the Quality of the Public Procurement process and Contract Implementation**
Location Romania
Time 8/2008 - 11/2008
Project Description DAB and Claims Expert for providing support to dispute resolution procedures in several ISPA environmental Works contracts (FIDIC) with specific reference to support in the preparation of documents on behalf of the Employer, supervision in dispute procedures and support to effective defense in the DAB procedure. Review of Claims and provision of advice.

Project Name **Assistance for the preparation of Tender Documents – Sewerage systems works**
Location Albania

- Time 4/2008 - 12/2008
Project Description Team Leader and Contracts Expert for assisting the EC Delegation and the beneficiary's PIU to manage and ensure high quality of designs and tender documents for the Works contracts prepared by the beneficiary and drafting Terms of Reference for Service Contract for Construction Supervision. The Works and service contract are financed through IPA 2007 programme.
- Project Name** **Technical Assistance to provide Procurement and Project management Trainings to Grant Beneficiaries of Regional Development in TR90 (Artvin, Giresun, Gümüşhane, Ordu, Rize and Trabzon) NUTS II Region**
- Location Turkey
Time 12/2007 - 3/2008
Project Description Team Leader and Procurement Expert for preparation and delivery of training seminars on (i) Grant Contract Management and Monitoring and (ii) Procurement Procedures in accordance with EU PRAG. Training seminars were delivered by six procurement experts, each in three municipalities in the region.
- Project Name** **Support to the NAO in Turkey in preparing the decentralised management of IPA for Accreditation - Stage II : Gap plugging**
- Location Turkey
Time 9/2007 - 10/2007
Project Description FIDIC and Procurement Expert for plugging the gaps identified in Stage 1: Gap assessment and plugging by means of training, workshops, seminars, interviews etc. Training needs assessment and training for experts to be assigned or recruited for procurement functions.
- Project Name** **Study of Municipal Infrastructure Support Requirements**
- Location Serbia
Time 4/2007 - 6/2007
Project Description Project Preparation Expert for identification and selection of municipal infrastructure (water, wastewater, solid waste, social and economic infrastructure, district heating) projects to be financed under IPA 2007. Preparation of Identification and Formulation Report and Project Fiche. Capital investment projects and supporting TA projects totaling to ca 85 MEUR. Beneficiary of the project is European Agency for Reconstruction.
- Project Name** **Technical Assistance for preparation of tender documentation: Preparation of Phare 2005 Economic and Social Cohesion Project: Fostering the development of regional tourism potential through upgrade of the related infrastructure – component 2 “Improvement of water supply and sewerage” (Works) and component 4 “Works supervision – water supply and sewerage (Service).**

Location Bulgaria
Time 10/2006 - 4/2007
Project Description Team Leader and Procurement Expert for selection of individual projects and preparation of Works and Service tender documents for up to 25 water supply and sewerage projects in accordance with FIDIC, Bulgarian procurement regulations and PRAG.

Project Name Kaliningrad Waste Water Management – Assessment of Technical Bids II, Russian Federation.

Location Russia
Time 8-9/2006
Project Description Technical Expert for assessment of tenders received as a result of cancelled tendering procedure and subsequent negotiated procedure for construction of a WWTP in Gusev, Kaliningrad

Project Name Technical Assistance to Directorate “Ethnic and Demographic Issues” at the Council of Ministers to prepare a Needs Assessment Report and Technical Documentation under the Improvement of the Living Conditions Component of Phare project BG 2004/016-711.01.03 “Improvement of the situation and inclusion of the disadvantaged ethnic minorities.

Location Bulgaria
Time 04-12/2006
Project Description Team Leader for a project team supporting the Directorate “Ethnic and Demographic Issues” at the Council of Ministers to implement project activities contributing to the implementation of the Framework Programme for the Equal Integration of the Roma into Bulgarian society. Specific objectives include:

- Elaboration of a Needs Assessment Analysis;
- Elaboration of Technical Documentation and Tender Dossier;
- Participation in Works Tender Evaluation Committee.

Project Name Technical Supervision for Klaipeda Region Waste Management System Development.

Location Lithuania
Time 12/2005 – 5/2007
Project Description Team Leader and Engineer’s Representative for a project comprising (i) Construction of Klaipeda Regional Landfill, (ii) Closure of Klaipeda City Landfill, 6 main landfills and 37 small and medium size landfills, (iii) Construction of 7 Composting Sites and 7 Waste Collection Sites. Project will be completed in 2009. Services are provided on part-time basis. Co-Financed by EU-ISPA.

Project Name Review of Works Tender Documents for Pärnu Waste Management Project.

Location Estonia
Time 09/2005

- Project Description Review of Works tender documents prepared for closure of Rääma landfill in accordance with FIDIC 1999 Red Book. Contracts Expert.
- Project Name** **Preparation of Phare 2003 Economic & Social Cohesion: Water Supply Improvement in Areas with Tourism Development Potential**
- Location Bulgaria
Time 03/2005 – 08/2005
Project Description Selecting of 10 most feasible water supply projects out of 30 pre-screened proposals and preparing of a common Works tender dossier for the selected projects in compliance with FIDIC Red Book, as well as a Service tender dossier for procuring the Engineer's services and a Management Training Programme in accordance with EU Practical Guide. Team Leader.
- Project Name** **Assessment of Training Needs of Operators of Small and Medium Size Wastewater Treatment Plants in Estonia**
- Location Estonia
Time 01/2005 – 02/2005, 11/2005
Project Description Assessment of training needs of 29 WWTP's by conducting field visits and individual interviews. Preparation of recommendations for a professional training programme for the operators. Team leader.
- Project Name** **Archangelsk Water and Wastewater Utility, Russia: Preparation of a Business Plan and support to Corporate Development Plan**
- Location Russia
Time 11/2004 – 12/2004
Project Description Preparation of a target-oriented business plan comprising procurement plan for investments of 20 MEUR. Services of Technical and Environmental Expert.
- Project Name** **FIDIC and Project Management Seminar for Environmental Projects Management Agency APVA of Lithuania**
- Location Lithuania
Time April 2004
Project Description Preparation and delivery of a two-day seminar for the project managers of the Lithuanian Implementing Agency for ISPA and Cohesion Fund projects in environmental sector. The two-day seminar comprised the following four modules: I: *Overview of New FIDIC Contracts*, II: *Procurement Planning* III: *Preparation of Particular Conditions for "Conditions of Contract for Plant and Design-Build"* and IV: *Roles of the Employer, the Contractor and the Engineer*
- Project Name** **Technical Supervision of Extension of Jonava sewer network and rehabilitation of of the potable water network and Technical assistance to the Project Implementation Unit**
- Location Lithuania

Time 12/2003 – 03/2004
 Project Description Preparation and delivery of a comprehensive Project Management Training Programme for Jonava Water Company's PIU.

Project Name Procurement Advisor for Estonia's Environmental Investment Centre

Location Estonia
 Time 01/2003 – 12/2004
 Project Description Procurement advisory services for the implementing agency of ISPA and Cohesion Fund projects in environmental sector. Services cover the whole project cycle from procurement strategy to implementation, with emphasis on procurement procedures and international construction contracts. On-the-job training of EIC staff, seminars for final beneficiaries, guidance manuals, general advisory services.

Project Name Independent Observer to ISPA Tender Evaluation; Development of Water Services in Riga

Location Latvia
 Year 2002
 Project Description Independent Observer and for Tender Evaluation Committee for a Works contract. The works contract comprises extension of centralized wastewater collection system, construction of gravity sewer main and extension of a wellfield. The project is divided into three lots.

Project Name Independent Observer to PHARE Tender Evaluation; Strengthening Border Management and Controls – Improvement of infrastructures of new training centre of the Border Police

Location Romania
 Year 2002
 Project Description Independent Observer and advisor for Tender Evaluation Committee for a Works contract. The works contracts comprise rehabilitation of two buildings to be converted to a new training centre for the Border Police and the relevant infrastructure. The project is divided into two lots

Project Name Independent Observer to ISPA Tender Evaluation; Hajdu-Bihar County Waste Management Infrastructure

Location Hungary
 Year 2002
 Project Description Independent Observer and advisor for Tender Evaluation Committee for works contracts. The works contracts comprise construction of three landfills, total 1,324,000.00 m³ including sorting and composting facilities and relevant infrastructure.

Project Name **Independent Evaluators for Tender Evaluations of 9 Sub-projects under ISPA Measures 2000/BG/16/P/PE/002**
Location Bulgaria
Year 2002
Project Description Independent Evaluator and Voting Member in Evaluation Committee for a service contract. The service contract comprises construction supervision of six landfills and a waste transfer station.

Project Name **Technical and Contract Assistance for the Municipality of Plavinas. Preparation of Outline Design and Tender Documents for a Wastewater Treatment Plant,**
Location Latvia
Year 2002
Project Description The assignment comprises preparation of Outline Design and Tender Documents for a Plant and Design-Build (FIDIC Yellow Book) contract for a wastewater treatment plant including access road and internal traffic areas.
Position Project Manager

Project Name **Southeast Coast Sewerage and Drainage Project.**
Location Cyprus
Year 1999-2002
Project Description The Southeast Coast Sewerage and Drainage Project comprises seven contracts for construction of sewerage and irrigation networks, total length about 200 km, 31 sewage pumping stations, one booster pumping station for irrigation water and a Sewage Treatment Plant with design capacity of 12,000 m³/day. The four network contracts are implemented under FIDIC 1987 Red Book, the two pumping station contracts under Red and Yellow Book and the treatment plant under a turn-key contract based on the World Bank standard conditions.
The project is financed by The World Bank, The European Investment Bank, The Council of Europe (Social Investment Fund) and the Government of Cyprus.
Position Supervision Manager and the Engineer's Representative. Branch Manager of Soil and Water Ltd.

Project Name **City of Mikkeli. Kenkäveronniemi Wastewater Treatment Plant. General Design for Improvement of Sludge Treatment Process.**
Location Finland
Year 1998-1999
Project Description Modification of sludge treatment process and renovation of the sludge treatment structures.
Position Project Manager

Project Name **City of Espoo. Suomenoja Wastewater Treatment Plant. New Sludge Dewatering Plant**

Location Finland
 Year 1998-1999
 Project Description Design of and tender documents for a new sludge dewatering plant equipped with two centrifuges located on top of two 200-m³ reservoir silos for dewatered sludge.
 Position Project Manager

Project Name Kaunas Water and Environment Project: Consulting Services for Energy Audit, Pumping Optimization Study, Rehabilitation Programmes and Preparation of Tender Documents for Rehabilitation of Pumping Stations

Location Lithuania
 Year 1998-1999
 Project Description Computer aided modeling for Kaunas water network, optimization of pumping stations and network operation methods, aiming to energy savings through improved efficiency. Rehabilitation design for pumping stations. Tender documents and tender evaluation for purchasing new equipment for the pumping stations as well as for one installation works contract.
 Position Project Manager

Project Name Siauliai Environmental Project, Consultancy Services for Revision and Improvements of the Main Pumping Station, Waste Water Pumping Stations and Riser Main, Siauliai, Lithuania

Location Lithuania
 Year 1999
 Project Description The scope included review of existing designs of the main pumping station (50,000 m³), rehabilitation designs for seven existing pumping stations, preparation of bidding documents (WB SBDs) for international competitive bidding, evaluation of bids and site supervision during implementation.
 Position Second/Acting Project Manager 1999

Project Name Supervision projects in Libya

Location Libya
 Year 1995-1998
 Project Description Altogether 8 Resident Engineers for 11 individual construction projects located in three different regions, a Design Check Team and short term technical specialists. The assignments comprised supervision and technical assistance for housing, administrative buildings and infrastructure construction projects.
 Position Project Manager, overall responsibility of the supervision projects

Project Name Administrative Shelters project

Location Libya
 Year 1996-1997

Project Description Complete architectural and engineering design, infrastructure design.

Position Project Manager

Project Name Gargaresh Recreation Complex

Location Tripoli, Libya

Year 1996-1997

Project Description Complete architectural and engineering design, infrastructure design.

Position Project Manager

Project Name Central Bank

Location Hun Al Jufrah, Libya

Year 1996-1997

Project Description Complete architectural and engineering design.

Position Project Manager

Project Name Public Buildings for 1300 + 700 housing units projects

Location Hun Al Jufrah, Libya

Year 1996-1997

Project Description Complete architectural and engineering design.

Position Project Manager

Project Name Urban II project

Location Accra, Ghana

Year 1995-1997

Project Description Consulting services for the appointment of a transport planner.

Position Home Office Coordinator

Project Name Road Rehabilitation and Maintenance Project, Moscow-St. Petersburg etc.

Location Moscow, Russia

Year 1995-1996

Project Description Survey, design and supervision.

Position Consultant, Computer aided project follow-up system

Project Name Al Jufrah Administrative Buildings.

Location Hun Al Jufrah, Libya

Year 1994-1995

Project Description 12 high quality office buildings and a luxurious congress hall, total floorspace ca. 45.000 m². Related infrastructure included. Contractor's manpower ca. 600. Contract value ca. 150 MUSD

Position Resident Engineer. Leader of a multinational supervising unit. Responsibilities in compliance with FIDIC Red Book.

Project Name 700 Multi-storey Housing Units

Location Hun Al Jufrah, Libya

Year 1993-1994

Project Description	Preliminary and Final Design; Architectural and engineering design. Infrastructure design (Water Supply and Sewerage, Drainage, Irrigation, Power and Telecommunication, Streets, Landscaping and Structures)
Position	Project Manager
Project Name	700 Housing Units
Location	Hun Al Jufrah, Libya
Year	1992-1994
Project Description	Final Infrastructure Design. Water Supply and Sewerage, Drainage, Irrigation, Power and Telecommunication, Streets, Landscaping and Structures.
Position	Designer, water supply and sewerage systems.
Project Name	Final Design of Administrative Center in Jufrah
Location	Hun Al Jufrah, Libya
Year	1992-1994
Project Description	External Infrastructure Design (streets, water supply, drainage, irrigation, sewerage, waste water treatment) for a 20 ha area.
Position	Designer, water supply and sewerage systems.
Project Name	Final Design of Administration Center in Sirt
Location	Sirt, Libya
Year	1993-1994
Project Description	External Infrastructure Design (streets, water supply, drainage, irrigation, sewerage, waste water treatment) for a 50 ha area.
Position	Designer, water supply and sewerage systems.
Project Name	Final Design of Congress Hall in Sirt
Location	Sirt, Libya
Year	1993-1994
Project Description	Architectural and engineering design, External Infrastructure Design, lay-out design and final design for a 50.000 sqm congress hall.
Position	Designer, assistant coordinator.
Project Name	Hun 600 Housing Units
Location	Hun Al Jufrah, Libya
Year	1993-1994
Project Description	Final Infrastructure Design. Water Supply and Sewerage, Drainage, Irrigation, Power and Telecommunication, Streets, Landscaping and Structures
Position	Designer.
Project Name	Hun 1500 Housing Units, Libya
Location	Hun Al Jufrah, Libya
Year	1992-1993

Project Description 1500 single storey houses of 160-190 m², related infrastructure included. Contractor's manpower ca. 2500. Monthly progress ca. 12 MUSD. Contract value ca. 400 MUSD.

Position Assistant/Acting Resident Engineer for a FIDIC Red Book contract. Responsible of infrastructure works, including water supply, sewerage and drainage pipelines of PVC, AC and ductile iron pipes dia 20-800 mm, water tower, water reservoirs, pumping stations and a temporary sewage treatment plant. Computerized construction management tools.

Project Name **400+600 Housing Units**

Location Waddan and Suknah in Al Jufrah, Libya

Year 1991-1992

Project Description Preliminary infrastructure design. Water Supply and Sewerage, Drainage, Irrigation, Power and Telecommunication, Streets, Landscaping and Structures

Position Designer.

Project Name **Quality control systems for road and bridge construction**

Location Oulu, Finland

Year 1989-1991

Project Description Development of a computed aided quality control system for Finnish Road Administration

Position Consultant.

OTHER PROFESSIONAL INFORMATION AND ACTIVITIES

MEMBERSHIPS: Association of Finnish Civil Engineers, RIL

SEMINARS DELIVERED:

- Several seminars and training courses delivered on FIDIC Conditions of Contract and Project-, Construction- and Contract Management internationally, inter alia:
 - FIDIC Contracts, Claims and Dispute Adjudication procedure. Nicosia, Cyprus, April 2013.
 - FIDIC 1999 Conditions of Contract, seen from a power plant contractor's perspective. Vaasa, Finland, October 2011
 - FIDIC 1999 Conditions of Contract and MDB Harmonised Edition, Colombo, Sri Lanka, January 2010
 - FIDIC Conditions of Contract, application in a Nuclear Power Plant project. Helsinki, September – October, 2009.

- Secondary Procurement for Grant Beneficiaries, Trabzon, Rize and Artvin, Turkey, February 2008
- Grant Contract Management and Monitoring, Trabzon, Rize and Artvin, Turkey, February 2008
- Preparing and Implementing Works Contracts in accordance with FIDIC Conditions of Contract. Ankara, Turkey, October 2007
- Payment Procedures under FIDIC and PRAG. Ankara, Turkey, October 2007
- Preparing and Implementing Works Contracts in accordance with FIDIC Conditions of Contract. Riga, Latvia, November 2005.
- Project Appraisal. Tallinn, Estonia, May 2005.
- Preparing and Implementing Works Contracts in accordance with FIDIC 1999 Conditions of Contract. Tallinn, Estonia, April 2005.
- Planning and Implementing Works Contracts in accordance with FIDIC 1999 Conditions of Contract. Rapla, Estonia, September 2004.
- Project Management Training Programme, 4 modules. Environmental Project Management Agency, Vilnius, Lithuania, April 2004.
- Procurement and project management training for Jonava Water Company's Project Implementation Unit, 3 seminars in Jonava, Lithuania, Jan – March 2004.
- FIDIC 1999 Conditions of Contract: Roles of the Employer, the Contractor and the Engineer, Tallinn, December 2003
- FIDIC 1999 Conditions of Contract: Preparation of Particular Conditions, Tallinn, November 2003
- Procurement Planning, Tallinn. October 2003
- FIDIC 1999 Conditions of Contract and Dispute Adjudication Procedure, Tallinn, April 2003.
- Teacher of Water Economics at Technical college of Oulu, Finland, 1988

PUBLICATIONS:

- Procurement Procedures of International Financing Institutions and their Standard Bidding Documents, Isotalo 1998 (in Finnish)

- Treating effluent water from peat production areas by peat filtration, Isotalo et al 1991 (in Finnish)
- Peat filtration as a method of treating peat production areas' wastewater - Small scale experiments, Master's Thesis / Isotalo 1990 (in Finnish)
- Several articles in professional papers

COURSES:

- Nuclear Projects: Contracts and liability for damages, Helsinki, October 2012
- Managing, Defending and Making Claims under FIDIC Contracts, Barcelona 2010
- Adjudication in Practice, London, July 2003;
- Project Cycle Management, Tallinn, 2003;
- FIDIC Conditions of Contract and the Dispute Adjudication Procedure, London, December 2001
- FIDIC Conditions of Contract, Helsinki, Finland, February 2002.
- FIDIC Conditions of Contract new series 1999 1st edition. Cyprus, June 2001
- World Bank Procurement Routines. Helsinki, April 2002