AgroParisTech Executive







OpT Eau pour Tous Water for All

Advanced Masters for urban water supply and sanitation service managers from emerging, developing and transition countries

International Executive Master in Water Utility Management

Program taught in english and french

PARIS INSTITUTE OF TECHNOLOGY FOR LIFE, FOOD AND ENVIRONMENTAL SCIENCES

OpT - Water for All

For water supply and sanitation service manager



Jean Antoine FABY,
Director of the Water for All Chair

In order to invest in water supply infrastructure, strengthening skills is the first thing we should focus on.

Investing in the human resources that manage these services by training them better and increasing their numbers leads to agreater return on investment than what might be gained by simply improving infrastructure.

In the face of rapid urban growth rates in emerging countries, contributing to educating a new generation of leaders of the water supply industry is an urgent need.



Silvia ALEGRE,
Program Coordinator of the International Executive Masters OPT

Confronted with mounting demands on water resources and the growing complexity of environmental problems, the need for rapid change and effective decision-making by sector's leaders and state authorities is a pressing need. Whether we are talking about long-term projects or daily tasks, the management of a water supply or sanitation service demands a global approach turned into concrete action.

Imbuing vision and management skills on the ground personnel and propelling them into the future with confidence and entrepreneurship are two of the many benefits that can come from the dedicated training of the OpT Executive Masters Program.

Objectives

The goal of the Water for All International Executive Masters OpT Program is training for universal, sustainable access to water and sanitation. Concerned with improving the management of urban water supply and sanitation services in emerging, developing and transition countries (Europe and Asia), the program focuses on enhancing managers' skills, helping them meet millennium development goals.

Future leaders and executives of public, private, or public-private urban water supply and sanitation services need to be able to:

- diagnose their services and elaborate strategies that allow them to achieve excellence in technical, social and financial objectives ;
- guide change in private or state-owned companies, through sustainable management methods ;
- define and then manage reform in their department or country.

Program strong points

Open to all established professionals whose private/state-owned companies, or regulatory authorities, are sponsoring to be future executives, the program combines:

- professors who are professionals with at least ten years' experience in the field ;
- student training in fostering change when they return to the company. As a management leader they will put their newly acquired skills to work for the company and in the field ;
- networking between different services, professors, tutors and trainees across countries to promote future professional exchange.



Ek Sonn Chan

Under-Secretary of State for Water at the Cambodian Ministry of Industry, Mines and Energy and former Managing Director of the Phnom Penh Water Supply Authority from 1993 to 2012.
In 1993, the Cambodian water Authority was beset by numerous problems. Ten years later, it was transformed into an economically and operationally autonomous company, and almost all inhabitants, even the most disadvantaged, now benefit from access to high-quality water, at a cost acceptable to all.
In my country, and in many others, the number one cause of failure is the absence of well-trained management or an insufficient number of competent executives capable of working out a plan of action and of managing it over the long-term in the very specific context of a developing city. Training managers, networking them, showing them that any situation can be turned around even when it seems most desperate; and giving them the tools to do so : this is the key.

This program is led by the ParisTech "SUEZ ENVIRONNEMENT - Water for All" Chair and is supported by ParisTech, AgroParisTech, MINES ParisTech, SUEZ ENVIRONNEMENT and the FONDS SUEZ ENVIRONNEMENT INITIATIVES

in partnership with professionals, institutions and service operators









Innovative Pedagogy

This International Executive Masters Program focuses on leadership and correct governance of water supply and sanitation services. The program is unique and is based on a partnership between:

- the company that defines the trainee's mission ;
- the trainee who creates a plan of action for their mission, during their training ;
- the AgroParisTech team of professionals who train for and accompany the trainees in their missions ;
- a tutor from the professional world, coaching the trainee throughout the training period.

The Water for All research program further enhances training via the transfer and formulation of problems to create innovative tools for governance processes, technology, *etc.*

Professional Perspectives

Having returned to their company or state authority, each trainee, now as an executive, will put change towork and will implement their plan of action:

- at the head of their company, developing direction in operational support: forward planning, large projects, financing mechanisms, monitoring systems, ...
- in general management of a city or a region, including setting up all the tools for technical, economic and human resources management.

Throughout the International Executive Masters program, each trainee analyses a city with a population of 100,000 to 1 million inhabitants, assigned by their supervisors, and carries out a 3 phase plan of action:

- diagnostic of the service and clarification of the stakes,
- prospective analyses, definition of priorities, intermediate and long-term goals, strategic planning,
- strategic action plan for the service.



Moumouni Sawadogo

Head of department at the Planification and Investment management office - General Office for Water and Sanitation (ONEA - Burkina Faso)

"Opt allowed me to contribute efficiently to reach the objectives of my department management, which is in charge of forward planning, such as anticipating funding issues and their dimensions, optimizing investment, improving services and extending them, and following projects through. This training also allowed me to share the knowledge acquired with other department management.."



Neculai Ivanov

General Manager, County Company APA SERV SA Piatra Neamt, Romania. OpT Trainee 2010-11

"With the participation of my teams, I built my action plan 2012-2020 to lead the change in every aspects of company management. A major result of this master application is the improvement of management skills, of specific methods all these under the close guidance of internationally known professors, international water professionals with a great experience in the field, giving us the tools to organize our vision for the future."

PROGRAM

The program takes place over a period of 18 months. During this period, 6 months of training are designed to:

- learn key concepts and analytical techniques
- apply management tools to areas of operation
- acquire prospective methods for financing and strategy.

Two periods of 6 months each are spent in the department targeted for their mission to:

- accomplish a plan of action that follows a logical, progressive approach,
- guide change, define reforms and have them approved.

Useful information



What is an International Executive Masters Program?

Orientated toward experienced professionals from all over the world, the program provides operational training for future executives who will put their acquired managerial skills to work in their respective companies.

Why choose the International Executive Masters Program at AgroParisTech?

AgroParisTech invites professionals from all continents as guest lecturers, who give their courses in French or English. Specialized in water management and the governance of water supply and sanitation services, AgroParisTech houses numerous teams, notably in Montpellier, who have led projects on management methods and who have access to an extended global network of collaborators.

ParisTech
INSTITUT DES SCIENCES ET TECHNOLOGIES
PARIS INSTITUTE OF TECHNOLOGY

ParisTech is a consortium gathering twelve of the most famous French Grandes Ecoles in Engineering and Management.
As an institute of science, technology and management, ParisTech covers the whole spectrum of science and technology plus management, and constitutes a genuinely international university.
www.paristech.fr

AgroParisTech

Under the supervision of the Ministry of Agriculture, AgroParisTech is the European leading institute for engineers and managers in life sciences and environment. It meets the 21st century major challenges : feeding the mankind through sustainable management of land, conserving natural resources, encouraging innovations.
www.agroparistech.fr

Dates to remember - 2015-16 Session

18 month co-op program with 2 return periods of 6 months each to home services.

Selection upon application forms and interviews.
Next sessions:
English-speaking session in January 2015
French-speaking session in April 2015
Applications open from November 2013

Tuition : 15, 000 €

The additional cost of living and housing in France during the program is estimated at 15,000 €.
Costs of trips to and from training centers to their Company also need to be budgeted
***Teaching location:** Montpellier.*
Some courses will be held abroad with international training partners of AgroParisTech.

For further information, please contact us at: ParisTech «SUEZ ENVIRONNEMENT- Water for All» Chair
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