“CAPACITY DEVELOPMENT IN THE WATER AND SANITATION SECTOR IN MEXICO”
I.- TRAINING DIAGNOSIS

II.- ANEAS & ITS TRAINING PORTFOLIO
I. Training Diagnosis

Mexico’s ranking in Global Competitiveness and Higher Education and Training

Main Reasons Why Training is Not Provided (Manufacturing Sector)

- 58%: High Cost
- 21%: Ad Hoc Training not found
- 18%: Disrupts production
- 3%: Personnal make higher wage demands

Utilities in Mexico in 2014 (geographical coverage)

Total: 2,688

Workforce of Utilities in 2014

- Workers and Technicians: 63%
- Administrative, accounting and senior management staff: 30%
- Non-company personnel: 4%
- Unpaid labour: 3%

Total del personal: 114,102

Major Expenditures of Utilities in 2014

- Electricity: 39%
- Salaries: 22%
- Bulk water: 16%
- Repairs and spare parts for routine maintenance: 10%
- Physicochemical agents, reagents, materials and supplies consumed: 8%
- Fuels, lubricants and energy: 5%

Total: 24,935.3 MP

II.- ANEAS and its training portfolio

Capacity development is part of ANEAS mission, which is underpinned by the UNESCO Capacity Development Model

Its objective is:
- Strengthen management and operation of Utilities

- **Courses and Workshops**
ANEAS has a programme of courses and workshops whose main objective is to provide training for water utilities in Mexico

- **Seminars and Sessions**
Seminars offer theoretical-practical exhibitions where relevant experiences are analysed, which are therefore replicable for national Utilities with different characteristics, needs and problems:

  - Seminar on Energy Efficiency
  - Seminar on Sectorization of drinking water networks
  - Seminar on Prevention and Response to Hydrometeorological Emergencies
ANEAS currently offers 2 online diploma courses:

1. **Diploma course on Senior Management for Water Utilities**
   It is the result of the capacity building effort for Utilities. The project has substantial contents and didactic material for improving the participants’ competencies and it generates broad demand from the member network of the drinking water and sanitation subsector.

2. **Diploma Course on Design of ADS Drainage Pipes**
   This on-line modality course is aimed at training and updating operational personnel of Utilities on the use of tools for the design, construction or operation of drainage systems.

3. **An International Master's Degree in Operation and Maintenance of Water Treatment Systems will be given soon**
   This Master will be taught under an agreement with the University of Oviedo, Spain and is aimed at professionals responsible for the operation and maintenance of Water Treatment Systems in our country.
Since 1983, the association has organised EXPO ANEAS, which was created to promote commercial and technical exchange between water Utilities and companies. ANEAS Convention and EXPO is recognised as one of the most important events in Latin America, where national and international, experts, business people, academic, and legislators, all related to the sector and subsector converge every year to analyse, discuss and solve the current problems in the water sector.

The 30th Annual Convention & Expo Tijuana 2016 featured 23 Courses and Workshops, 3 Conferences, 10 Dialogue Roundtables, 8 Technical Sessions, 9,200 Training Hours, 13 Parallel Events, and 3 Book Presentations.
THANK YOU!