

# "CAPACITY DEVELOPMENT IN THE WATER AND SANITATION SECTOR IN MEXICO"



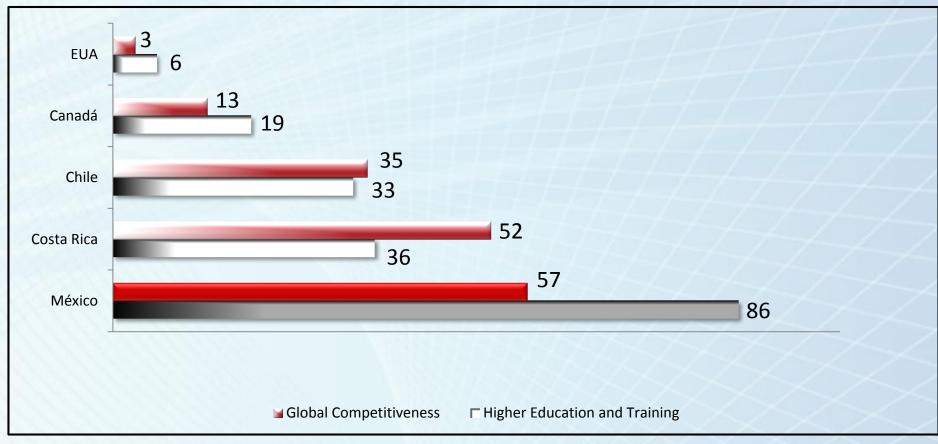
### **I.- TRAINING DIAGNOSIS**

## **II.- ANEAS & ITS TRAINING PORTFOLIO**



# I. Training Diagnosis

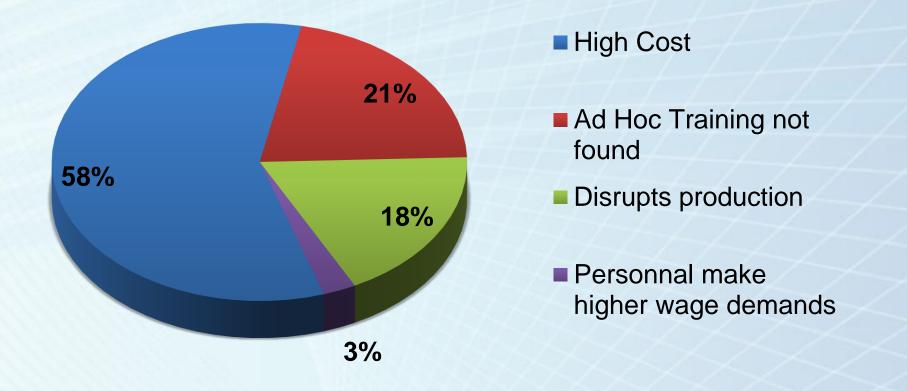
### Mexico's ranking in Global Competitiveness and Higher Education and Training



Source: Prepared by the authors with data from The global competitiveness report 2015-2016. Full data edition.



### Main Reasons Why Training is Not Provided (Manufacturing Sector)



Source: National Institute of Statistics and Geography / Secretariat of Labour and Social Welfare. National Survey of Employment, Wages, Technology and Training in the Manufacturing Sector: ENESTYC 2005. Mexico: INEGI, 2010



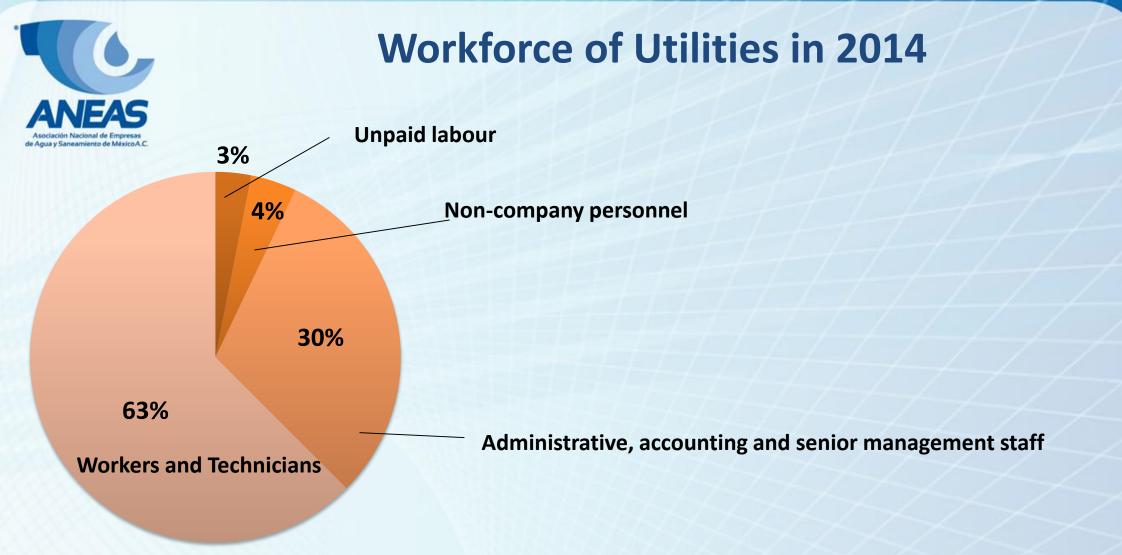
# Utilities in Mexico in 2014 (geographical coverage)



#### Number of Utilities

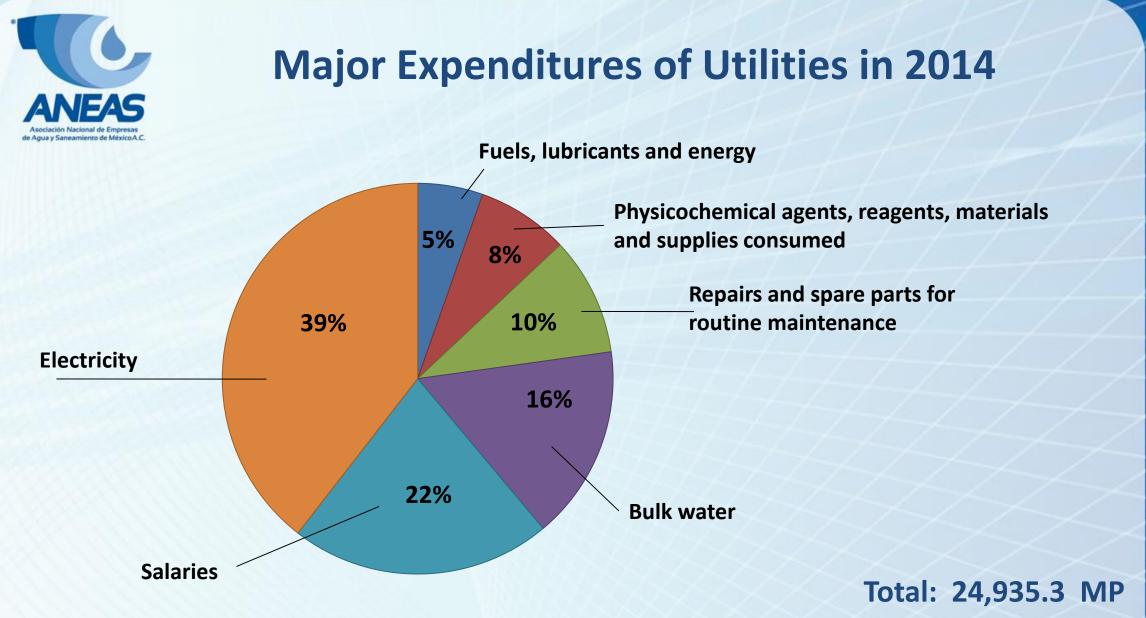
### Total: 2,688

Source: National Institute of Statistics and Geography (2014) Economic Censuses - Census of water Utilities in Mexico. INEGI. Mexico, 2014



### Total del personal : 114,102

Source: National Institute of Statistics and Geography (2014) Economic Censuses - Census of water Utilities in Mexico. INEGI. Mexico, 2014



Source: National Institute of Statistics and Geography (2014) Economic Censuses - Census of water Utilities in Mexico. INEGI. Mexico, 2014



# **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



### Diploma Courses

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.



## ANEAS Annual Convention & Expo

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 30<sup>th</sup> 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!**