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Photo Courtesy of Architecture and Vision

## PIPECO Celebrates 20 Years of Experience

**Pipeco Tanks Malaysia (PIPECO)** was formed in 1984 as an engineering hardware company and ventured into sectional panel water tank business in 1989. To date it has 20 years' experience manufacturing water tanks. The company has provided water storage solutions to many companies in the world, supplying both



PIPECO tanks in UAE

pressed steel and GRP (Glass reinforced plastic) sectional water tanks. PIPECO is a global company, which already has partnerships in various countries, including: Malaysia, Singapore, South East Asia; Middle East countries such as U.A.E, Qatar, Saudi Arabia, Oman; and European countries such as France, Belgium and Australia. The production facilities are housed in Port Klang, Malaysia, with a combined area of 20,000m<sup>2</sup>. The facilities have the capacities to annually produce 300,000 GRP tank panels and 50,000 pressed steel tank panels. This allows the company to fulfill customer's expectations with competitive pricing, prompt delivery and consistent, high quality products. The company strives to provide the best quality product to the customer. It has a well-established quality management system. Since 2003, it has been accredited the ISO 9001:2000 standard. This ensures that the tank panel and accessories are produced under the most stringent quality audit and meet the required structural and durability performance. By using advanced automated production facilities and employing a team of highly skilled production staff, the company is able to ensure that the tank panel and accessories produced conforms to a consistent high quality standard. ■

## Collecting Water Out of Thin Air

Warka Water, an experimental project, is a vertical structure created by the Italian studio **Architecture and Vision (AV)**. It is designed to harvest potable water from the atmosphere providing sustainable and affordable water sources to remote communities in the rural Ethiopia that are facing water poverty issues. Although it is still in an exploratory phase, the aim is to collect an average up to 100 liters of potable water a day. It is designed to be easily built and maintained by local villagers without electrical tools. Due to continuous efforts and beliefs in the Warka Water mission, the team is showing determination and has achieved a significant step in this stage: the experimental prototype set in Bomarzo - Italy was enhanced and was easily mounted by only 2 people. Moreover, the extensive tests run on the structure, textile, cables and the environmental conditions are showing impressive results as different amounts of water are being collected every day. To achieve the goals and objectives of Warka Water, improved procedures and techniques are being regularly studied and experimented to conclude the development of the 3.1 version and launch the first pilot in Ethiopia by January 2015 with the support of local and international organizations. Finally, as the project advances,



The Warka Water 3

community is showing support and a good-will to get involved in the upcoming phases of the project. AV hopes to keep moving forward and make safe water available wherever there is an urgent need. ■