

### **Tour 12: Municipal 1**

#### **1. Ayyeka at Mei Carmel – Haifa Water Utility**

Ayyeka generates data from the field and helps operate and manage unique infrastructures better.

We have thousands of installations worldwide, helping to reduce CAPEX and OPEX, and providing alerts before overflows, all while using cyber-secure data transmission and providing network visibility.

#### **2. AGM at Jordan Valley Water Association**

Since 1995, AGM Communication & Control provides wireless communication and control solutions for distributed SCADA networks. Our clients include government and private infrastructure utilities in the following sectors: water and wastewater; oil and gas; and environmental and power sub-stations. Our main product, R-Win, was borne out of necessity and our experience in the field. R-Win SCADA Network Manager allows seamless real time communication between any PLC or legacy infrastructure and any sensor or IIoT technologies, without hardware or software changes to the existing SCADA.

Jordan Valley Water Association (JVWA) began its service in 1930 to supply drinking and irrigation water to the residents of the Jordan valley, utilizing water from the Jordan River, the Sea of Galilee, and the Yarmouk River.

The Water Association is responsible for comprehensive water and sewage services, from production to billing, for all of their clients, who are also the owners.

During the tour, visit the JVWA control center as well as its water treatment plant and review the installation of the R-Win SCADA Network Manger in its sub-stations and control center.

#### **3. Ayala at Moshav Tzippori**

Ayala is a company of sustainability experts with 30 years of experience in the field of water treatment and watershed management. Ayala developed the Natural Biological System (NBS) Technology based solely on nature and thermodynamic laws, using zero energy requirement, no chemicals and it is maintenance free.

The NBS technology provides optimal holistic solutions to various environmental and social issues simultaneously, and creates the turning point in human-nature relationships. In response to crucial demand for water supply and treatment in rural areas, Ayala engineered the portable and modular NBS units, which depend on zero energy and maintenance and provide water security in these areas. The portable modular units package the NBS technology and make it available to communities in need.

**Schedule:** The bus will depart the David InterContinental Hotel promptly at **8:30 AM**

<b>08:30 – 10:00</b>	Drive to Haifa
<b>10:00 – 11:30</b>	Tour Ayyeka at Mei Carmel - Haifa Water Utility
<b>11:30 – 12:15</b>	Drive to Moshav Tzippori
<b>12:15 – 13:00</b>	Lunch
<b>13:00 – 14:30</b>	Tour Ayala
<b>14:30 – 15:30</b>	Drive to Jordan Valley
<b>15:30 – 17:30</b>	Tour AGM at Jordan Valley Water Association
<b>17:30 – 19:30</b>	Return to Tel Aviv