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Presented by:



TEXAS-ISRAELI WATER INNOVATION SHOWCASE



Leveraging Israeli water
technology to meet future
water challenges

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- 10:15 - 10:40am **Opening remarks**
- Welcome and introduction by Executive Director of The Meadows Center, Andrew Sansom
 - Importance of cooperation between Texas and Israel and the strategic elements of cooperation by Texas-Israel Chamber of Commerce CEO, Toba Hellerstein
 - Israel-Texas collaborations by the Ministry of Economy Economic Consul, Shay Luvshis
 - Political elements of water ties by the Foreign Ministry's Deputy Consul General, Daniel Agranov
- 10:45 - 11:05am **Keynote Speech: Agriculture Commissioner Sid Miller**
- 11:10 - 12:10pm **Company presentations: Elbit, Bermad, Biopetroclean**
- *Elbit Systems*: Drone technology and its application to Texas agriculture and water needs (Yuval Chaplin)
 - *Bermad*: Technology and precision engineering for management of water supplies (David Wiehage)
 - *BioPetroClean*: A recognized worldwide provider of high quality Hydraulic Control Valves (Andy Narayanan)
- 12:15 - 12:35pm **Break**
- 12:40 - 1:20pm **Panel discussion between Lyle Larson, Chairman of the Natural Resources Committee - Texas House of Representatives, and Gil Shaki, Senior Director of Water & Energy Technology - Israel Innovation Authority, moderated by Carlos Rubinstein**
- 1:25 - 1:55pm **Danny Lacker, Director of Safety and Security at Israeli Water Authority**
- 2:00 - 2:30pm **Hydra Water Solutions**
- Case study of a Texas water company actively seeking partnerships with Israeli companies and technology (Wade Decker and Noe Lopez)
- 2:35 - 2:45pm **Break**
- 2:50 - 4:00pm **Company presentations: Master Meter, Amiad, Netafim**
- *Master Meter*: Pioneering the design, development and manufacture of precise water meters in millions of homes & businesses in North America (Ian MacLeod)
 - *Amiad*: Filtration solutions for industrial, municipal and agricultural use (Rebecca Orleans)
 - *Netafim*: The road to becoming the world leader in drip irrigation technology (Jim Hunt)

Visit WaterShowcase.MeadowsWater.org to listen to recordings after the event.

Use the hashtag **#TIWIS** to join the conversation online!



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TexasIsrael.org



Economy.gov.il

The Texas-Israel Chamber of Commerce

We are a non-profit organization which works to expand economic ties between Texas and Israel. The Chamber works closely with the governments and business communities from both states to build economic interdependence. This interdependence is to the benefit of our communities both in terms of economic opportunities as well as providing a strong foundation for our countries' longterm political relationship. We believe that our business and community leaders are the most important champions for Israel, and that Texas must lead the United States in spearheading collaborative programs which support innovation, shared prosperity, and social welfare for all. We also believe that the best tool to fight the Boycott Divestment and Sanctions movement is working toward the contrary: Promoting increased investment and trade in Israel. Texas and Israel are not only close friends, we are perfect economic partners. Israel is a recognized leader in not only water innovation, but in energy, defense, hi-tech, and biomedical devices. The Texas-Israeli economic relationship is fundamentally a win-win situation in which our communities can enjoy not only friendship, but shared prosperity. Learn more at TexasIsrael.org.

The Meadows Center for Water and the Environment

The Meadows Center inspires research, innovation and leadership that ensure clean, abundant water for the environment and all humanity. Our mission is fulfilled by integrating activities across four pillars of action in powerful ways. Our work in each of these pillars begins at Spring Lake – one of the largest artesian springs in the world – and ripples outward across Texas and beyond. Learn more at www.MeadowsWater.org.

The Ministry of Economy

The Government of Israel Economic Mission to the U.S. Southern Region is part of the Israeli Foreign Trade Administration at the Ministry of Economy & Industry, as well as the Israeli Ministry of National Infrastructures, Energy and Water Resources. Together with the activity in Israel, the Israeli Foreign Trade Administration operates a network of economic representatives who constitute the operational arm of the Ministry in markets around the world. The Economic Mission in Houston is responsible for managing and directing the international trade policy of the State of Israel with Texas. The main fields of activity include promotion of trade and export, initiating and maintaining trade agreements for the improvement of Israel's trade conditions, attracting and encouraging foreign investments and creating strategic cooperation with foreign companies.

Hydra Water Solutions

Hydra Water Solutions is a group which is not only dedicated to water treatment and technology, but also working in close partnership with Israel. Hydra Water Solutions has three areas of focus.

- **Safe Drinking Water** – Development of technology and systems that can be focused on reclaiming contaminated water, water storage, water distribution, and portable water equipment. This includes the designing and manufacturing water treatment units that can treat or purify natural water resources (brackish water from water wells, rivers, ponds, lakes, and salt water)
- **Animal Health** – Hydration and Alkaline Water Systems – Development of proprietary water treatment equipment that can produce alkaline and micro-clustered (electrolyte type water) for animal consumption. Already proven in Asia that providing dairy cattle with high pH and micro-clustered water improves animal health, production, conception, and milk quality.
- **Oil & Gas Water Reclamation** – For over 5 years we have worked on the development, manufacturing, and deployment of a water technology that would help reclaim contaminated fluids in the oil field (production and flow-back water). Three years of production in the South Texas region, our patented technology was proven with consistent results.

Master Meter

Master Meter has been a technology partner to water utilities for more than four decades. Master Meter is a pioneer in the design, development, and manufacture of precise water meters used in millions of homes and businesses throughout North America. We go beyond basic measurement by giving intelligent life to these instruments. Similar to the "Smart Grid," our smart water meters help utilities be more proactive for customers, act as better stewards of water resources, and help ratepayers better manage their water and drive down monthly costs. Our solutions ensure that utilities measure more, collect smarter, and manage wiser. Our North American headquarters are located in Mansfield, Texas, with offices in Canada and Mexico.

Elbit Systems of America

Elbit Systems of America is a leading provider of high performance products and system solutions focusing on the defense, homeland security, and commercial markets. With facilities throughout the United States, Elbit Systems of America is dedicated to supporting those who contribute daily to the safety, security and advancement of the United States. To learn more about our unmanned aircraft systems and their ability to provide enhanced situational awareness and data collection, visit www.elbitsystems-us.com.

Amiad

Amiad Water Systems is a world leader in water treatment and filtration solutions. For over 50 years Amiad has devoted its passion and commitment to developing a comprehensive line of water filtration systems for protecting water applications in the industrial, municipal, irrigation, ballast water, Oil & Gas and domestic use segments. Every Amiad water filtration system is built for efficiency, effectiveness and reliability and is backed by our commitment to excellence and dedication to customer service.

Bermad

Efficient, smart management of our planet's most precious resources is as vital as the resource itself. Bermad water management solutions offer nothing less. Founded in 1965, Bermad knows the value of a single drop of water and how best to reap its full advantage. Today Bermad serves global customers in a wide range of fields. Bringing together its expertise and know-how, leading-edge technology and precision engineering, Bermad provides comprehensive customized solutions for the control and management of water supply anywhere in the world.

BioPetroClean

BioPetroClean is a cleantech company specializing in biological wastewater treatment. Our breakthrough technology, Automated Chemostat Treatment™ (ACT), offers significant advantages over other available processes. ACT can be applied to a wide variety of sites including oil refineries, terminals, drilling sites, marine ports, power stations, contaminated reservoirs, and storage tanks. BPC's advanced wastewater treatment system has been field-proven and has been shown to decrease contamination to levels lower than government discharge standards. The output is virtually sludge-free and the recycled wastewater can be returned to its natural source. The BPC-ACT™ industrial wastewater treatment is cost-effective, easy to implement and lowers operating costs.

Netafim

Netafim was founded in 1965 by farmers and Agronomists on the idea that micro-irrigation is a solution to one of the world's most urgent problems: lack of quality water for food production. Today, we are among the largest irrigation companies in the world, with factories and offices in over 120 countries. Netafim USA, a division of the Netafim International Group, is headquartered in Fresno, California. We offer a full-line of products for a variety of markets including Agriculture, Landscape & Turf, Greenhouse & Nursery, Mining, and Wastewater.

Innovation Authority

The Israel Innovation Authority, formerly known as the Office of the Chief Scientist of the Ministry of Economy (& MATIMOP), which is responsible for the country's innovation policy, is an independent and impartial public entity that operates for the benefit of the Israeli innovation ecosystem and Israeli economy as a whole. Its role is to nurture and develop Israeli innovation resources, while creating and strengthening the infrastructure and framework needed to support the entire knowledge industry.

Israel Water Authority

The Israel Water Authority, the government's executive branch in charge of Israel's water economy, is in responsible for the administration, operation and development of the Israeli water economy, including the preservation and restoration of natural water resources, the development of new water resources and the oversight of water consumers and producers, so as to allow high quality water and sewage services of optimal reliability, while increasing the sustainable welfare of Israeli citizens.

Texas Rural Water Association

The Texas Rural Water Association is a statewide educational and trade association that represents the full spectrum of the rural water community. We are dedicated to helping water and wastewater systems provide efficient service and clean, safe drinking water to their customers. We have an active membership of approximately 750 retail public utilities that provide water and wastewater service to 2.5 million customers throughout Texas. We also have nearly 200 water/wastewater industry suppliers that make up our Associate Membership.