WaterStart is a cluster of global leaders in the implementation of water innovation
• Nevada’s largest utilities, water consumers and employers
• Define market demand locally to recruit innovation globally
• De-risk & incentivize water innovation
• Evaluated 180+ proposals from tech companies
• Deployed $1.2M+ in Pilot Projects
• $30M+ Return on Investment for Members
Tech Logo:

Company Origin: “Country”

Technology Description: What problem does it solve? “smart technology platform utilizing acoustic sensors to monitor for water leaks in real-time”

Project: describe piloted “Piloted technology along 3-mile corridor of the Las Vegas Blvd”

Matching Funds: cost of project

Return-on-investment: numbers from customer “Deferred Capitol Improvements - $30,000,000+

Economic Impact: number of jobs, investment in the state, etc
Company Origin: Canada

Technology Description: smart technology platform utilizing acoustic sensors to monitor for water leaks in real-time

Project: Piloted technology along 3-mile corridor of the Las Vegas Blvd

• Matching Funds: $150,000
• Identified several sources of transients and repaired to reduce number of new leaks

Return-on-investment:
• Deferred Capitol Improvements - $30,000,000+
• 2 jobs
Company Origin: Israel

Technology Description: provider of cyber-secure, plug and play, remote monitoring solutions

Project: Monitoring water quality conditions in storage tanks
Matching Funds: $20,000

Return-on-investment:
• 5 jobs; Develop physical operations for development, marketing, product development and manufacturing within 3 years

• Reduced cost of electricity for pumping water
Company Origin: United Kingdom

Technology Description: Pressure Transient Monitoring in Water Mains to Prevent Leaks

Project: testing and demonstration at 10 locations

Matching Funds: $20,000

Return-on-investment: Identified several sources of transients and repaired to reduce number of new leaks

Economic Impact: 4 jobs; investigating supply chains and manufacturing options for batteries and other product components as well as a potential location for hosting data servers
Company Origin: United Kingdom

Technology Description: mapping of flood water pathways to predict and protect against flooding in urban and rural environments

Return-on-investment: 10 jobs over 3 years
Company Origin: Israel

Technology Description: Treatment of nitrates in groundwater

Project: pilot project within on distribution well in Las Vegas

Matching Funds: $50,000

Return-on-investment:
5 jobs
Pilot on-going
Company Origin: United Kingdom

Technology Description: Treatment of nitrates in groundwater

Project: pilot project on well head within Las Vegas distribution system
Self-Funded by IONEX

Return-on-investment:
5 jobs
Establishing manufacturing and research teams in Las Vegas
Company Origin: Las Vegas, NV

Technology Description: Smart irrigation leak detection sensor

Project: Prototype development with UNLV faculty

Return-on-investment:
- Licensing agreement
- Intellectual property sharing
- Support of UNLV faculty
Company Origin: Australia

Technology Description: cloud-based solution for managing engineering drawings and blueprints

Project: replace outdated customized software platforms

Matching Funds: $100,000

Return-on-investment:
2 immediate jobs
Reduce costs of document management for partner
Company Origin: United Kingdom

Technology Description: thermodynamic pump performance monitoring

Project: permanent real-time monitoring and regular inspections of pumps to measure performance and efficiency

Matching Funds: $100,000

Return-on-investment:
3 jobs
Reduced cost of pump inspection, improved pump efficiency and reduction in energy costs for pumping
Company Origin: Australia

Technology Description: designs and supplies custom bio-filtration media for stormwater, industrial/agriculture runoff and groundwater reuse applications

Project: collaboration with DRI to characterize locally available materials in Nevada and establish manufacturing and distribution channels within Nevada for the development of bio-filters

Return-on-investment:
Supporting Desert Research Institute faculty including long-term agreement for lab testing services; approximately 30 jobs projected long term
Company Origin: Nevada

Technology Description: Crop stress monitoring, development of near real-time estimates of actual crop water use

Project: Estimating crop water use at Winnemucca Farms

Return-on-investment:
Support of DRI faculty
Company Origin: Georgia and Nevada

Technology Description: Contaminant removal in drinking water systems

Project: demonstration of technology with the Truckee Meadows Water Authority

Matching Funds: ~$300,000

Return-on-investment:
5- 8 jobs from AdEdge and 4-10 additional jobs from Carollo within 5 years
Reduce cost and waste stream from water treatment at well head