



# S-Network Global Water Index

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**Q3 2019**

# Index Description

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- ❑ **Equity Benchmark for Globally Traded Stocks Principally Engaged in Water Utilities and Water Technology Industries**
  
- ❑ **Inclusion Criteria**
  - Constituents Must Be “Materially” Engaged in Global Water Industry
  - Listed on Recognized Exchange
  - Minimum Capitalization Adjusted for Free Float (>USD 100 Million in Technology, >USD 50 Million in Utility)
  - Minimum Average Daily Trading Volume (>USD 250,000)
  
- ❑ **Weighting Methodology**
  - Fixed Number of 60 Constituents
  - Tiered Weighting Methodology
  - Capitalization Weighted, Adjusted for Free Float

**A Stable and Transparent Construction Methodology is Entirely Rules-Based and Fully Replicable.**



# Index Performance

# Historical Performance

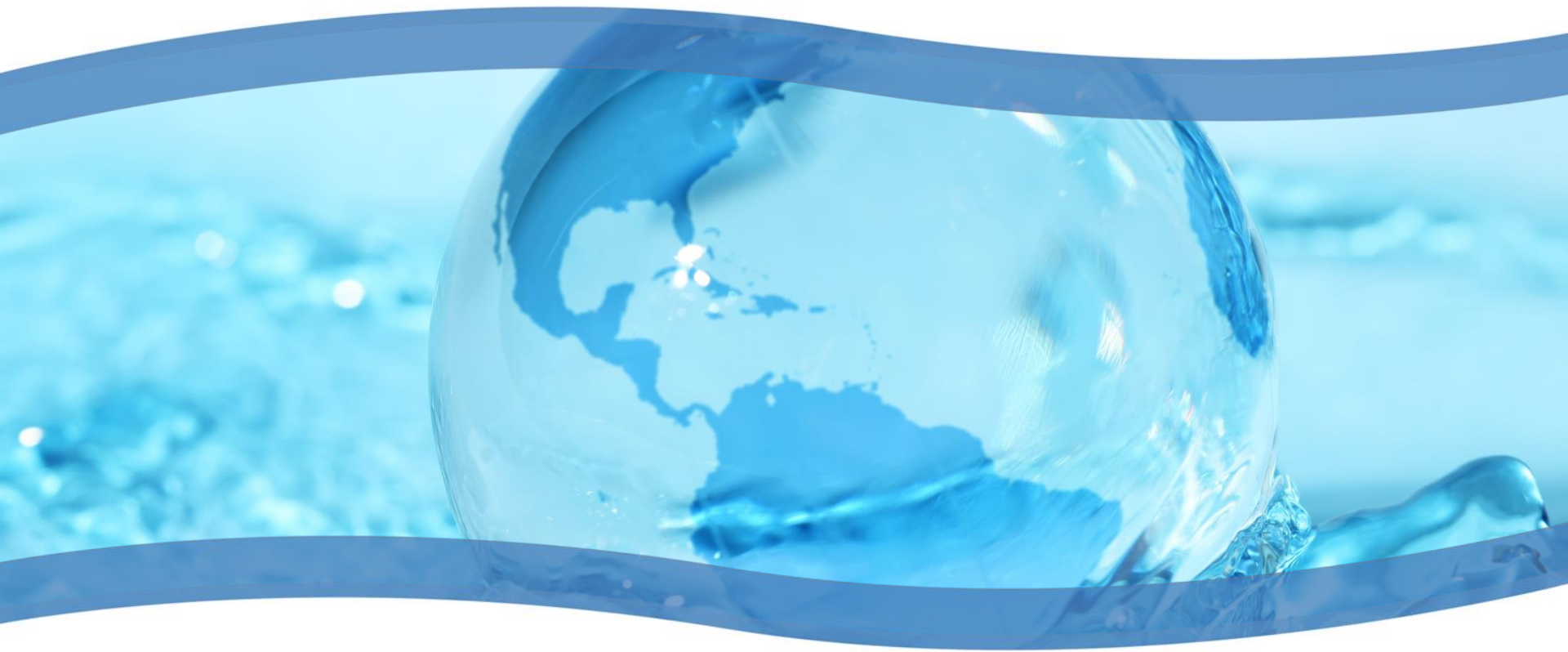
**S-Network Global Water TR Indexes vs. Benchmarks**  
(6/24/2002–9/30/2019)



\*To ensure fair comparisons, all of the starting index values are normalized to 1,000 as of June 24, 2002.

Source: S-Network, as of 9/30/2019

**The S-Network Global Water Indexes Consistently Correlate With One Another.**



# Index Constituents & Fundamentals

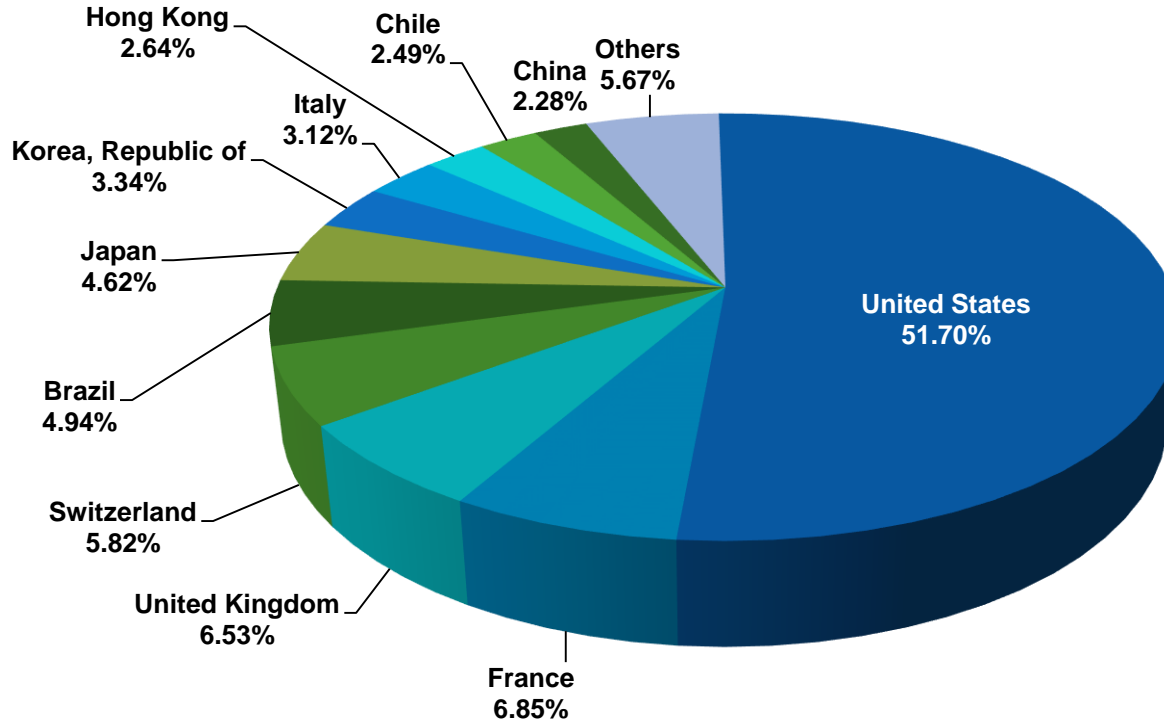
# Market Capitalization Profile

JGI Index	
<b>Number of Constituents</b>	60
<b>Total Market Capitalization</b>	241.94 Billion USD
<b>Largest Market Capitalization</b>	22.44 Billion USD
<b>Smallest Market Capitalization</b>	67.79 Million USD
<b>Average Market Capitalization</b>	4.03 Billion USD
<b>Median Market Capitalization</b>	2.14 Billion USD

Source: S-Network, as of 9/30/2019

# Country Distributions

## JGI Index Country Distribution

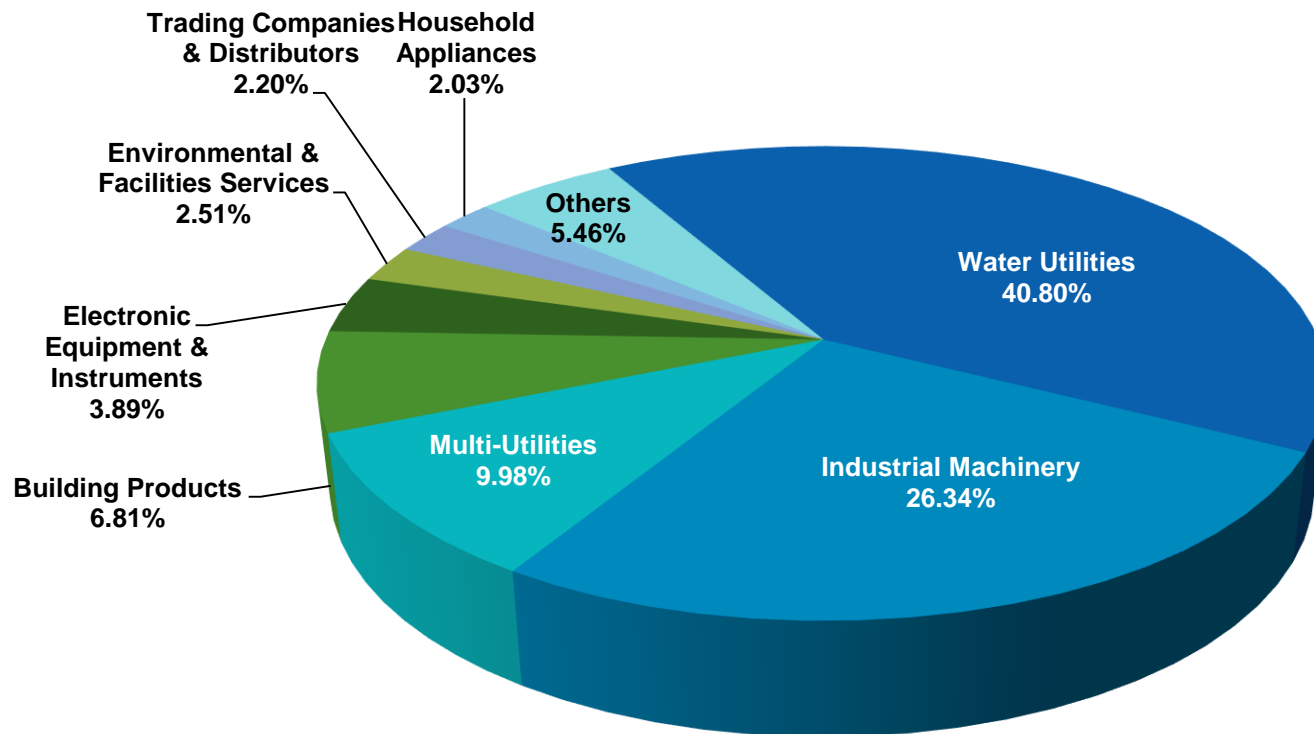


Source: S-Network, as of 9/30/2019

The S-Network Global Water Index (Composite) Offers Broad Global Diversification.

# Sub-Industry Distributions

## JGI Index Sub-Industry Distribution



Source: S-Network, as of 9/30/2019

The S-Network Global Water Index (Composite) Offers Broad Global Diversification.



# Top Ten Constituents

JGI Index			
Company	Ticker	Country	Weight
American Water Works Co Inc	AWK US	United States	7.35%
Geberit Ag Reg	GEBN SW	Switzerland	5.82%
Xylem Inc	XYL US	United States	4.72%
Veolia Environnement	VIE FP	France	4.67%
IDEX Corp	IEX US	United States	4.09%
Aqua America Inc	WTR US	United States	3.17%
United Utilities Group Plc	UU/ LN	United Kingdom	2.27%
Hd Supply Holdings Inc	HDS US	United States	2.20%
Suez Environment Sa	SEV FP	France	2.18%
Pennon Group	PNN LN	United Kingdom	2.16%

Source: S-Network, as of 9/30/2019



# Statistical Profiles

# Statistical Profile I

## Total Return Appreciation

	S-Network Global Water Index	S-Network Global Water Works Index	S-Network Global Water Technology Index	S-Network Global Equity 2500 Index TR
<b>10 Year</b>	527.13%	578.63%	437.77%	311.90%
<b>5 Year</b>	167.55%	182.96%	142.59%	143.22%
<b>3 Year</b>	60.48%	68.77%	48.16%	44.53%
<b>1 Year</b>	31.02%	42.06%	18.48%	35.35%

## Compound Annual Growth Rate

	S-Network Global Water Index	S-Network Global Water Works Index	S-Network Global Water Technology Index	S-Network Global Equity 2500 Index TR
<b>10 Year</b>	11.23%	11.74%	10.24%	8.55%
<b>5 Year</b>	10.34%	10.96%	9.27%	9.29%
<b>3 Year</b>	9.92%	11.03%	8.18%	7.65%
<b>1 Year</b>	9.42%	12.42%	5.81%	10.62%

\*From 6/30/2002

Source: S-Network, as of 9/30/2019



# Statistical Profile II

## Annualized Monthly Standard Deviation

	S-Network Global Water Index	S-Network Global Water Works Index	S-Network Global Water Technology Index	S-Network Global Equity 2500 Index TR
<b>10 Year</b>	15.35%	14.33%	18.47%	15.17%
<b>5 Year</b>	13.30%	12.78%	16.05%	13.34%
<b>3 Year</b>	10.91%	10.88%	14.63%	11.88%
<b>1 Year</b>	10.94%	10.22%	15.44%	11.59%

## Sharpe Ratio

	S-Network Global Water Index	S-Network Global Water Works Index	S-Network Global Water Technology Index	S-Network Global Equity 2500 Index TR
<b>10 Year</b>	0.6881	0.7579	0.5523	0.5327
<b>5 Year</b>	0.7679	0.8380	0.6006	0.6942
<b>3 Year</b>	0.8314	0.9265	0.5435	0.5959
<b>1 Year</b>	0.7347	1.0447	0.3417	0.7944

\*From 6/30/2002

Source: S-Network, as of 9/30/2019

\*From 12/31/1999

# Statistical Profile III

Correlation (vs. SNG2500T)			
	S-Network Global Water Index	S-Network Global Water Works Index	S-Network Global Water Technology Index
<b>10 Year</b>	0.9150	0.8263	0.8830
<b>5 Year</b>	0.9104	0.7816	0.8902
<b>3 Year</b>	0.8507	0.5584	0.8621
<b>1 Year</b>	0.8677	0.5495	0.8779

Beta (vs. SNG2500T)			
	S-Network Global Water Index	S-Network Global Water Works Index	S-Network Global Water Technology Index
<b>10 Year</b>	0.9261	0.7810	1.0755
<b>5 Year</b>	0.9077	0.7486	1.0712
<b>3 Year</b>	0.7814	0.5115	1.0618
<b>1 Year</b>	0.8186	0.4845	1.1692

\*From 6/30/2002

Source: S-Network, as of 9/30/2019



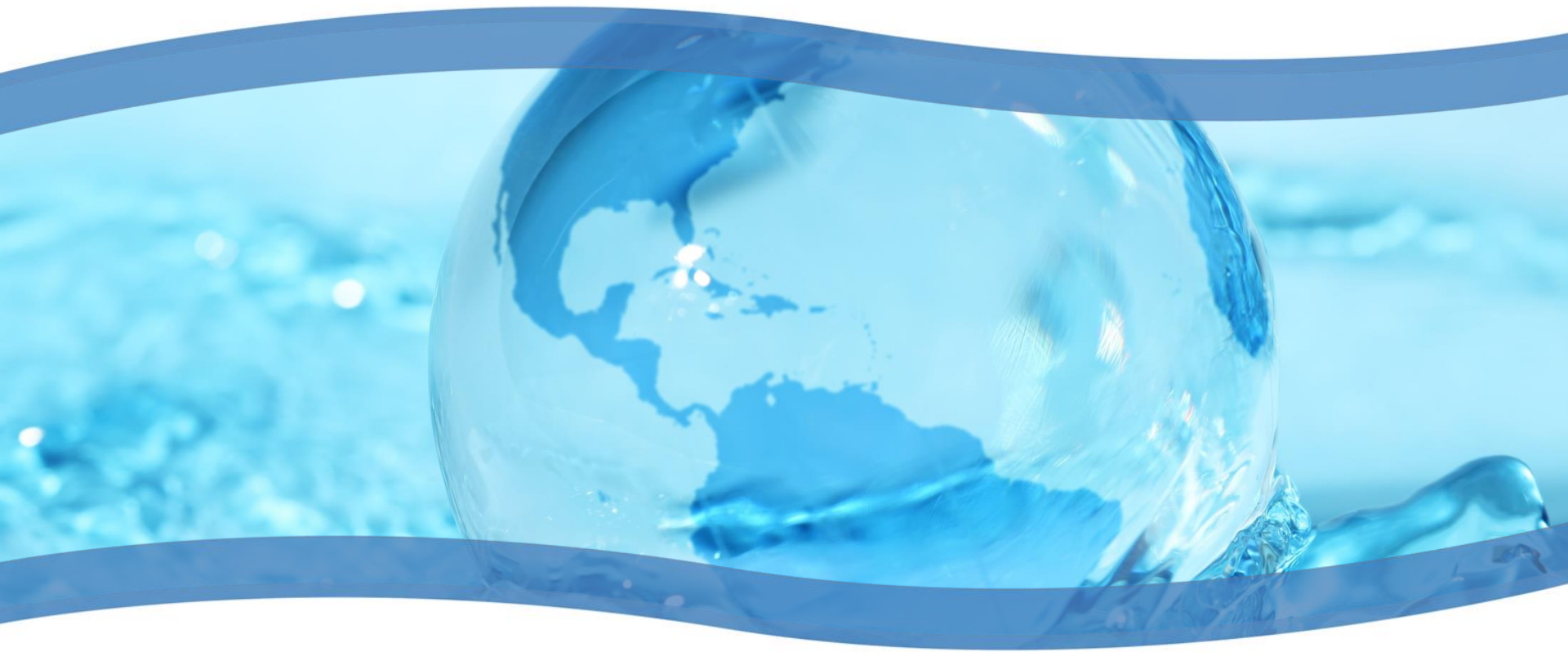
# Statistical Profile IV

R-Squared (vs. SNG2500T)			
	S-Network Global Water Index	S-Network Global Water Works Index	S-Network Global Water Technology Index
<b>10 Year</b>	0.8373	0.6828	0.7796
<b>5 Year</b>	0.8288	0.6109	0.7924
<b>3 Year</b>	0.7237	0.3119	0.7431
<b>1 Year</b>	0.7528	0.3020	0.7707

\*From 6/30/2002

Source: S-Network, as of 9/30/2019





# Index Construction

# Index Details & Data Distribution

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- ❑ **Index Values Distributed in Real Time (15 second snapshots) in USD and EUR**
- ❑ **Total Return Index Calculated Daily in USD and EUR**
- ❑ **Index Values Distributed via Consolidated Tape**
- ❑ **Comprehensive Historic Data (including simulated back-tests from 06/30/2002)**
  - Daily Prices for Price-Only + TR Indexes in USD + EURO
  - Quarterly Portfolio Snapshots (Historic Constituents and Weights)
- ❑ **Extensive Analytic support**
  - Quarterly Reports (“Index Insights”)
  - Industry Overviews
  - Extensive Statistical Data
- ❑ **Broad data distribution via third party vendors**
  - S&P/Bloomberg/Yahoo, etc.
  - S-Network contribution page on Bloomberg: SNET

**Complete data availability and index transparency facilitate more effective benchmarking and investment analytics.**