



Embedding Circular Water Behavior IN DAILY OPERATIONS

HOW TEAM DYNAMICS, COLLABORATIVE TOOLS, AND
ZERO-WASTE CULTURE CAN STRENGTHEN OPERATIONS

COOL TITLE!

But why does this matter?



Our industry
is undergoing a
transformation.

How will our workforce
successfully adapt?



HOW DO WE *get there?*



Workforce
Empowerment
and Ownership



Collaborative
Tools and
Metrics

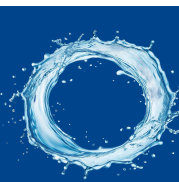


Implementation
and Motivation

WORKFORCE *Empowerment and Ownership*

Circular Water initiatives that

- Build awareness
- Build skills
- Build confidence & autonomy



*This will lead to empowerment and
ownership of the workforce!*

COLLABORATIVE

Tools and Metrics

Establish and share

- Metrics dashboards
- Reporting systems

Translate strategy into daily actions through

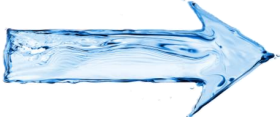
- Sustainability playbooks
- Toolkits

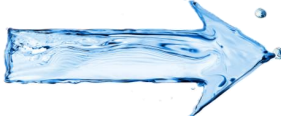


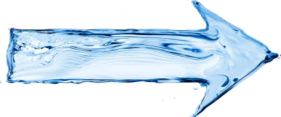
You can't change what you can't see!

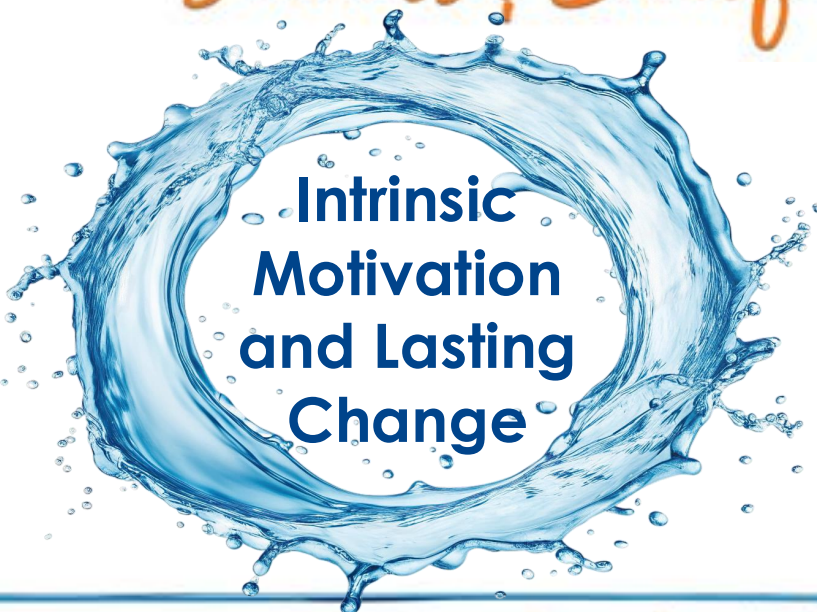
IMPLEMENTATION

Success & Benefits

Autonomy 

Competence 

Relatedness 



CASE STUDY

Miami-Dade Water and Sewer Department



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By the Numbers

- **\$130,000/\$1.5 million** in electricity savings
- **74%** employee initiative support
- **66%** employee broader initiatives
- **89%** customer support of sustainability practices
- **13 MGD** reduced finished water demand
- **22 gallons per day** (gpd) lowered per capita water use



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Miami-Dade Water and Sewer Department



Circular Water Practices

EMPOWERING | COLLABORATIVE | SUCCESSFUL



Meet Our Team



*Sydney
Gard*

Staff Environmental
Engineer
BURNS &
MCDONNELL



*Sussette
Irizarry*

Division Manager,
Resilience Division
MIAMI-DADE WATER
AND SEWER DEPARTMENT



*Lynn
Kohlhaas*

Operations
Manager
METROPOLITAN WATER
RECLAMATION DISTRICT
OF GREATER CHICAGO



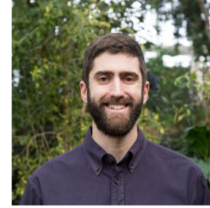
*Lery
Luksemburg*

Wastewater Treatment
Plant Operator V
CITY OF ROSEVILLE



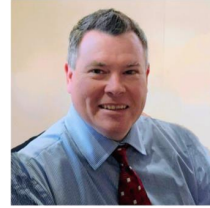
*Jennifer
Picarella*

Executive
Director
NC ONE WATER



*Simon
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Senior Fiscal Analyst
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CITY OF DURHAM



*Ethan
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Deputy Director
MD-DE-DC Water Science Center
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