

# **Ohio EPA-DEFA's Technical & Financial Resources for Communities**

**Operator Training Committee of Ohio**

**August 2, 2017**

**Ohio EPA**

**Division of Environmental  
and Financial Assistance**



# What is DEFA About?

DEFA houses several of the Agency's core programs that support business and community development.

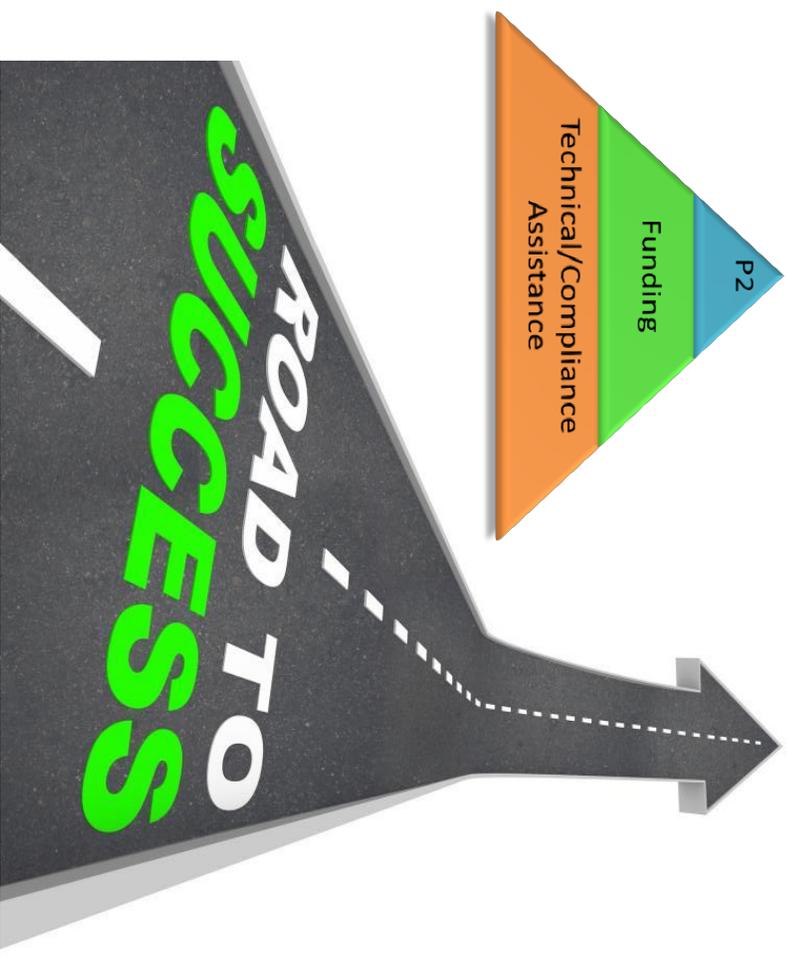
DEFA has three main offices:

- Office of Financial Assistance
- Office of Compliance Assistance and Pollution Prevention
- Office of Outreach and Customer Support

# Ohio Environmental Protection Agency



Helping our **CUSTOMERS**  
get from here



to **HERE**  
**Ohio**  
Ohio Environmental  
Protection Agency

# Office of Financial Assistance (OFA)

- Administers both state revolving loan fund programs
  - Water Pollution Control Loan Fund Water (WPCLF)
  - Water Supply Revolving Loan Account (WSRLA).
- Administers the recycling/litter prevention grant program
- Administers the wastewater treatment facility compliance assistance program

# Ohio's Two State Revolving Funds

## Program Histories

	<b>WPCLF</b>	<b>WSRLA</b>
Authorization (year)	CWA 1987	SDWA 1996
First Loan	Sept. 1989	Feb. 1999
Total Projects	2,193 projects - \$7.8 billion	575 loans - \$1.3 billion
Federal Seed Money	\$2.13 billion	\$517 million
State Matching Funds	\$410 million	\$103 million
<b>Annual Capacity</b>	<b>\$600 million/year</b>	<b>\$150 million/year</b>

# Ohio's State Revolving Loan Fund

## Water Pollution Control Loan Fund (WPCLF)

WPCLF provides funding to public wastewater systems for planning, design and construction of wastewater systems.



# Emerging Funding Priorities for W/PCLF

- Unsewered Communities
- Combined Sewer Overflow (CSO) Projects
- Projects that Reduce “Nutrient” Discharges at Municipal Wastewater Treatment Plants
- Projects that will protect Lake Erie and other waters that experience Harmful Algal Blooms (HABs)

# WPCLF

## Emerging funding priorities

- 0% planning loans for Asset Management
- 0% planning loans for Energy Audits
- Up to \$50,000 grant toward the cost of Back Up Power Generators (Not a stand alone project)
- Green Projects and Sustainable Solutions
- Home Sewage Treatment System (HSTS) Upgrades

# WPCLF Highlights from last 12 months

(Aug. 1, 2016 – Aug. 1, 2017)

- 146 Projects awarded, totaling \$598,725,174
- 10 planning loans, 15 design loans, 64 construction loans.
- 51 Health Districts received a total of \$13.1 million in principal forgiveness (PF) funds for HSTS improvements.
- 6 Projects were awarded under the Water Resource Restoration Sponsor Program.
- 59 projects received principal forgiveness funds totaling \$24.3M
- Loans ranged in size from a \$10,000 planning loan to the Village of Perrysville to the \$69.4 million loan to City of Euclid.

# WPCLF Highlights from last 12 months

(Aug. 1, 2016 – Aug. 1, 2017)

## Discounts and PF Awarded During the Year

Nutrient Reduction Discount – 0%

Combined Sewer Overflow Discount – 0%

Green Project Discount – 0.25% reduction

Water Resource Restoration Sponsor Program Discount

Principal Forgiveness for HSTS

Principal Forgiveness for Unsewered Areas

Principal Forgiveness for Combined Sewer Overflow projects

# WPCLF Loan Eligible Applicants

<b>Point Source</b>	<b>Non Point Source</b>
<b>For wastewater treatment: any municipality or other political subdivision, or inter- municipal, interstate, or State agency</b>	<b>For Nonpoint Source Pollution Control Projects: Public or private entities.</b>

# Water Pollution Control Loan Fund WPCLF

## Eligible Projects

- New wastewater treatment plants (WWTP)
- WWTP upgrades and rehabilitation
- New sanitary sewers for unsewered areas
- Sanitary sewer rehabilitation or replacement
- CSOs
- Nutrient Reduction (Incentive)
- NPS Projects:
  - Stream protection and stream restoration
  - Landfill closure
  - HSTS replacement programs

# Water Pollution Control Loan Fund

## WPCLF

### Eligible Projects Include:

- Landfill closure
- Leachate collection systems
- Sludge handling and disposal
- Any project with water quality benefits

# Ohio's State Revolving Funds

## WPCLF Interest Rates

<b>Category</b>	<b>Terms</b>
Standard Long-term	Market Rate minus 1.25%
Small System	Market Rate minus 1.75%
Hardship Rates	0.0% or 1.0%

# Lower Interest Rates = Big Savings

Compared to market rates, savings are substantial

Example \$1 million loan, 20 Year Term, August 2017 Rates

Interest Rate	Total Repayments	Savings vs. Market
Market (3.14%)	\$ 1,354,230	-----
Standard (1.89%)	\$ 1,205,540	\$ 148,690
Small (1.39%)	\$ 1,148,880	\$ 205,350
Hardship (1%)	\$ 1,105,820	\$ 248,410
Hardship (0%)	\$ 1,000,000	\$ 354,230

# WPCLF

## Summary Points

- Programs offer below-market interest rates
- Limited principal forgiveness funds may be available
- We are accepting 2018 WPCLF project nominations during August 2017
- Planning Loans can be nominated anytime
- We offer loans beyond 20 years
- We will help you save money

# Recycling and Litter Prevention

R&LP grant funding:

- Strengthen recycling markets
- Encourage sustainable practices
- Stimulate economic growth
- Support litter prevention efforts



# Recycling and Litter Prevention

## Community Grant

*Grant term: One Year, 50% match*

Offers financial assistance to local Ohio governments that propose projects involving the collection and processing of recyclable materials and litter prevention efforts.



## Litter Management Grant

*Grant term: One Year, 10% match*

Offers funding for Ohio communities and non-profit organizations to implement litter collection and tire amnesty programs, as well as the Keep America Beautiful program.



# Recycling and Litter Prevention

## Market Development Grant

*Grant term: Two Years, 100% match*

Offers grants to Ohio businesses and non-profit organizations to create or expand the processing and manufacturing infrastructure needed for markets of recyclable materials and related products



## Scrap Tire Grant

*Grant term: Two Years, 100% match*

Offers grant funding for Ohio businesses, communities and non-profit organizations that propose to create or expand the processing infrastructure and beneficial use projects for scrap tire materials



# Wastewater Treatment Plant Compliance Assistance Unit

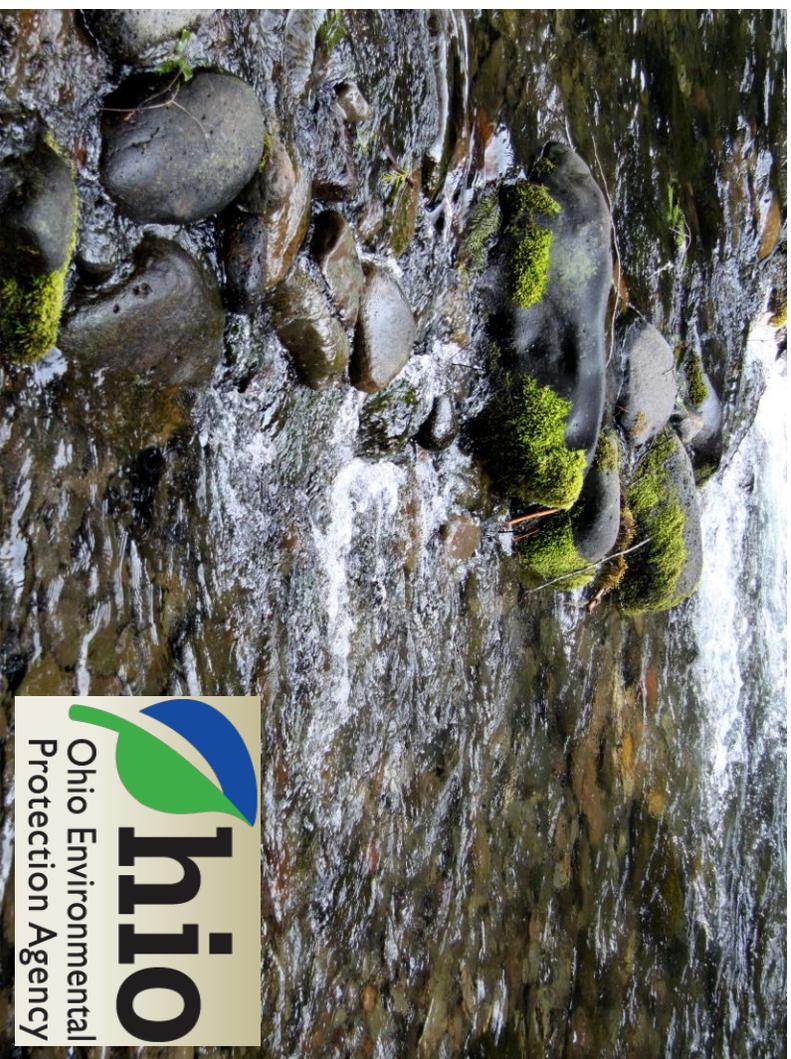
- Help you to identify performance limiting factors and cost-effective solutions.
- Help you to explore and consider options.
- Help you to optimize process, save energy and cost.



# Wastewater Treatment Plant Compliance Assistance Unit

## Services Available

- Plant performance evaluations
- Troubleshoot complex plant problems
- Innovative and cost effective solutions for improving plant performance
- Determine plant loadings and capacities.
- Investigate concerns over industrial dischargers to the system
- Help formulate and implement a preventive maintenance program.
- Help facilitate an Inflow & Infiltration evaluation of the sewer system.
- Review/evaluate new treatment technologies.
- Onsite training of personnel.



# What is OCCAPP?

- Office of Compliance Assistance & Pollution Prevention
- Non-regulatory  
(we're not inspectors!!)
- Free & Confidential
- One-stop shop for assistance
- Pollution Prevention will save Money



# How OCAPP Helps Small Businesses?

Help business start-ups or  
expand operations

Help businesses complete  
EPA forms and maintain  
compliance

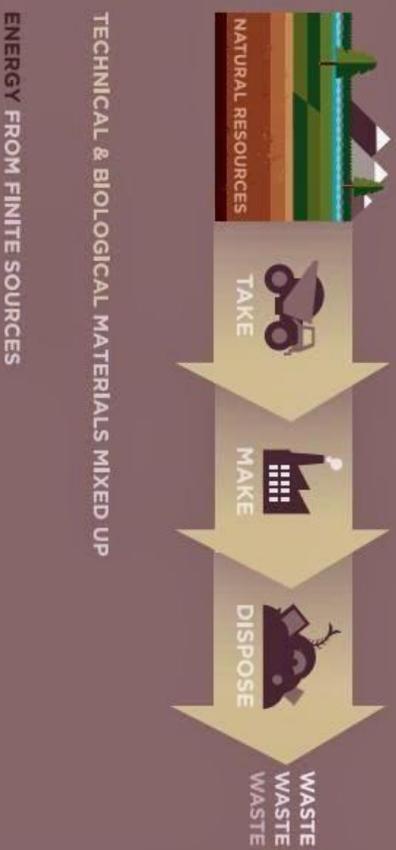
Help navigate through  
regulatory and permitting  
processes

**Free and Confidential Service!!!**

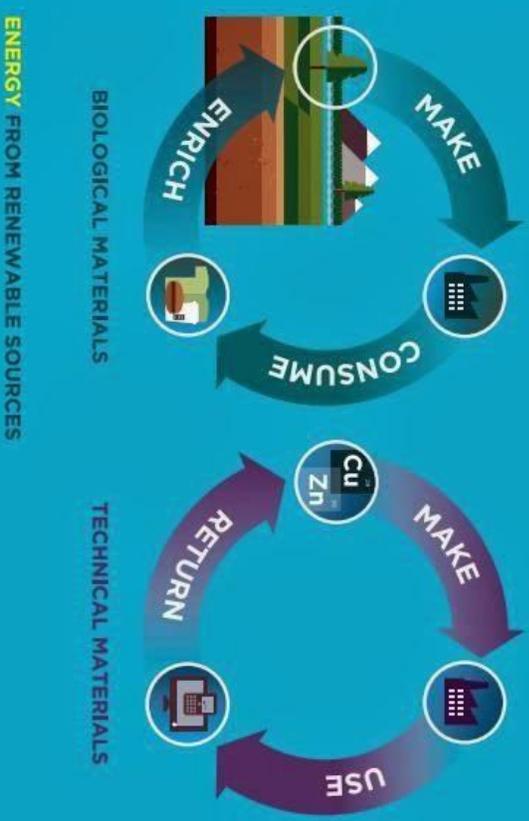


# Ohio Materials Marketplace

## LINEAR ECONOMY



## CIRCULAR ECONOMY



# Encouraging Environmental Excellence (E3) Program

- Recognizes going beyond requirements
- 4 Levels of Recognition
  - Achievement
  - Silver
  - Gold
  - Platinum (New Level)
- If your community is ready to be recognized or you know of a company that would be interested, contact:
  - Mike Kelley
    - 614-644-2930 / michael.kelley@
- We will work with you



# Office of Outreach and Customer Support (OCS)

**A newly created office in DEFA that focuses on outreach, marketing and overall division support.**

- Facilitate interactions with external customers to describe DEFA's services.
- Be the “front door” of the division to help ensure customers get connected to the right people and resources quickly.
- Provide overall division support.

# Office of Outreach and Customer Support (OCS)

## Services

*"The Resource"* DEFA's newsletter

eBlasts: Information and updates from Ohio EPA

DEFA library of publications, fact sheets, guides

Webinars and DEFA's on-line training resources

# How DEFA Can Help



- Compliance Assistance
- Pollution Prevention
- Recycling Market Development



- Compliance Assistance
- Pollution Prevention
- Recycling/Litter Prevention

drinking water

wastewater



sewage



sludges/solids



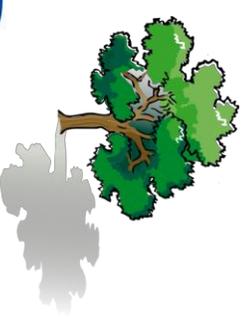
water intake



Compliance Assistance



discharge



# The Puzzle



# 29

# Build Your Support Team

CDBG

RCAP

OPW/C

OTCO

OWDA

ORWA

USDA

Ohio EPA

ARC

Appalachian LDDs

EDA

Other Resources

SCEIG

# Ten Tips for a Successful Project

1. Coordinate **Early** with OEPA and Other Resources
2. Designate a Local Contact
3. Know About the Available Resources
4. Focus on Project Details
5. Review Cost Estimates

# Ten Tips (continued)

6. Relationship with C/E firm
7. Keep Public Involved
8. Maintain Project Schedule
9. Explore Options
10. Operation & Maintenance

# Small Communities Environmental Infrastructure Group (SCEIG)

*Helping Small Communities meet  
their Water & Wastewater  
System Needs*



# Finance Committee

- Coordination of Effort
  - Project description (*Download 2 page form at [www.sceig.org](http://www.sceig.org)*)
  - Status of Project
  - Number of customers
  - Total estimated costs
  - User rates
- Meets Bi-Monthly



# Contacts

Alauddin Alauddin

[alauddin.alauddin@epa.ohio.gov](mailto:alauddin.alauddin@epa.ohio.gov)

614-644-3675

Pejmaan Fallah

[pejmaan.fallah@epa.ohio.gov](mailto:pejmaan.fallah@epa.ohio.gov)

614-644-3666

DEFA website - [epa.ohio.gov/defa](http://epa.ohio.gov/defa)

# Questions?

