**What is FOG?**

Fats, oils and grease are the cholesterol of our sewer system.

Current Management of FOG: Requirements to install and maintain a grease trap/interceptor

**What else is FOG?**

FOG has a high-energy potential & boosts anaerobic digestion and gas production

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**Current management of FOG**

- Requirements to install and maintain a grease trap/interceptor

**Traditional model of FOG management**

- Regulate
- Difficult to enforce
- NO accountability
- NO responsibility
- NO control over waste disposition

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**What is a Grease Cooperative?**

- Enroll
- Advocate
- Service Transaction

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**Grease Cooperative model of FOG management**

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**Alliance for Innovation Calendar of Events:** [https://transformgov.org/alliance-innovation-regions](https://transformgov.org/alliance-innovation-regions)

**Contact your Regional Director for more information or support:** [https://transformgov.org/node/58833](https://transformgov.org/node/58833)
Better Community Outcomes: City of Tempe, AZ Grease Cooperative Program  
*January 30th, 2018 - Post Event Action & Discussion Guide*

Session Recording: [https://attendee.gotowebinar.com/register/1416175761802247682](https://attendee.gotowebinar.com/register/1416175761802247682)

### Challenges for Codigestion

**Grease Cooperative**  
Allows for better flow of process and reduce liability.

**Tempe's Experience**  
- 2010: EPA/ADEQ  
- 2011: Stakeholder Engagement  
- 2012: Resolution: Terms of Enrollment  
- 2013: Marketing Strategy  
- 2014: First TGC Service

**Lessons Learned**  
- Effective enforcement for non-members  
- Procurement efficiency  
- Recruitment efforts  
- Tempe-specific opportunities for biogas production

**TGC Core goals**  
Sustainable infrastructure, Explore resource recovery

**Goals made measurable**  
500 members by 2023, Roadmap to codigestion by 2022

**Partnerships**  
Local First Arizona, Arizona restaurant association, Tempe Chamber

### Results to Date

- **200 members**
- **$89,544.67** in savings to restaurants (CY17)
- **Virtual inspections of 1,445 services** (CY17)
- **Diverted 600,000 gallons of grease trap waste** (CY17)

**Average Daily TGC Grease Trap Waste (gallons)**

Ownership: 1,600 gallons/day

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Listed below are some discussion topics and/or questions that you can use to initiate conversation with team members or stakeholders if you want to explore this idea further in your organization.

1. **Have you all worked with other cities or local governments and even private companies on adopting this model to scale it?**
   A: Yes, after being the first ones in Tempe and starting to evolve other partner utilities are starting to reach out to learn what steps they have taken to get the initiative off the ground. Increasing conversation with sub operational groups. Other municipalities are also following this model and are planning on sharing their experience, so we can all work towards achieving the same goal. The city of Indianapolis has reached out to learned more and to work with utilities. We are really interest in helping other cities utilities with following through with this model.

2. **Are the pumpers and the haulers a private company or is this something the city owns?**
   A. Arizona is a free market state. Currently, want to maintain a transaction private contract with a hauling industry. Service the broker of the service and vet the quality. Want to continue to support and grow a existing private industry that provides services to restaurants. Interest in having successful service and secure waste and renewable energy resources.

3. **What was the logistical impact that wasn’t occurred during compliance enforcement to managing these grease haulers?**
   A. 1000 restaurants are required collective to procure secure services annually. Difficult to regulate services. When transitioned into program regulated only 5-7 contracts. Can know when haulers is going to be there but can’t be at all appointments consequences is up to the haulers. This model is more successful to achieve compliance insurance than employing regulator inspectors to inspect the community. This the best cost analysis model

**Other discussion topics:**
- Evaluate your annual goals and performance around your FOG program to examine if this model could assist in improvement strategies.
- Evaluate the opportunity to bring local businesses together to discuss needs and benefits of this type of approach in your community.