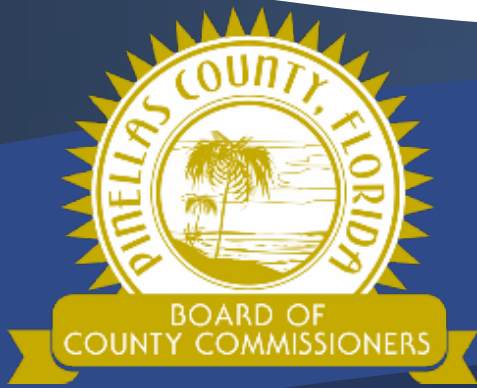


Regional Resource Recovery Facility (RRRF)

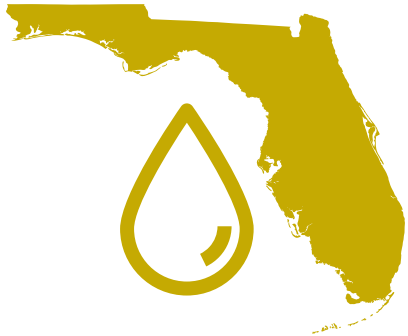
Board of County Commissioners Work Session
May 5, 2022



Presented by
Megan Ross, P.E.
Director of Utilities

Our Vision: To Be the Standard for Public Service in America

Florida's Biosolids Management Challenges



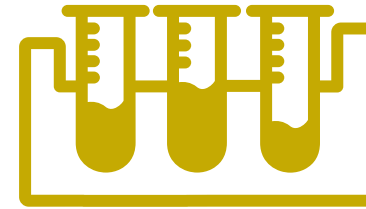
State has fragile ecosystems and nutrient sensitive waters



Biosolids land application has been identified as a potential contributor to nutrient pollution problems



62-640 biosolids regulations getting more stringent regarding land application



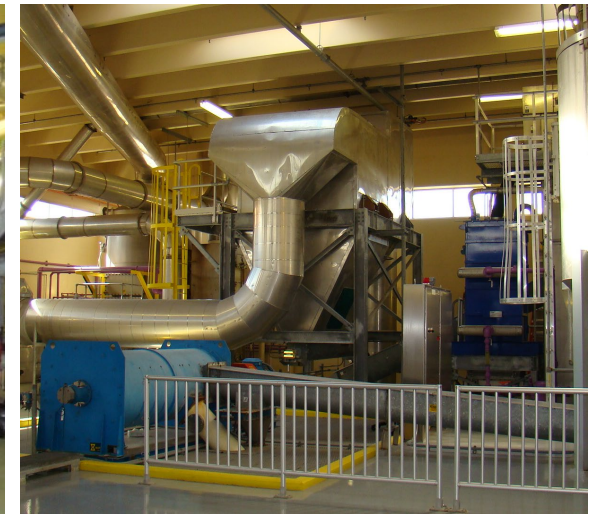
Concerns regarding emerging contaminants such as PFAS, hormones, personal care products, etc. in biosolids



Biosolids to landfill not desirable

Project Purpose and Benefits

- 20 years of Biosolids Beneficial Reuse
- Regional Solution
- Addresses Regulatory Requirements and Water Quality Concerns
- 'Zero Waste To Landfill' Goal 2050
- Creates Beneficially Reused Products

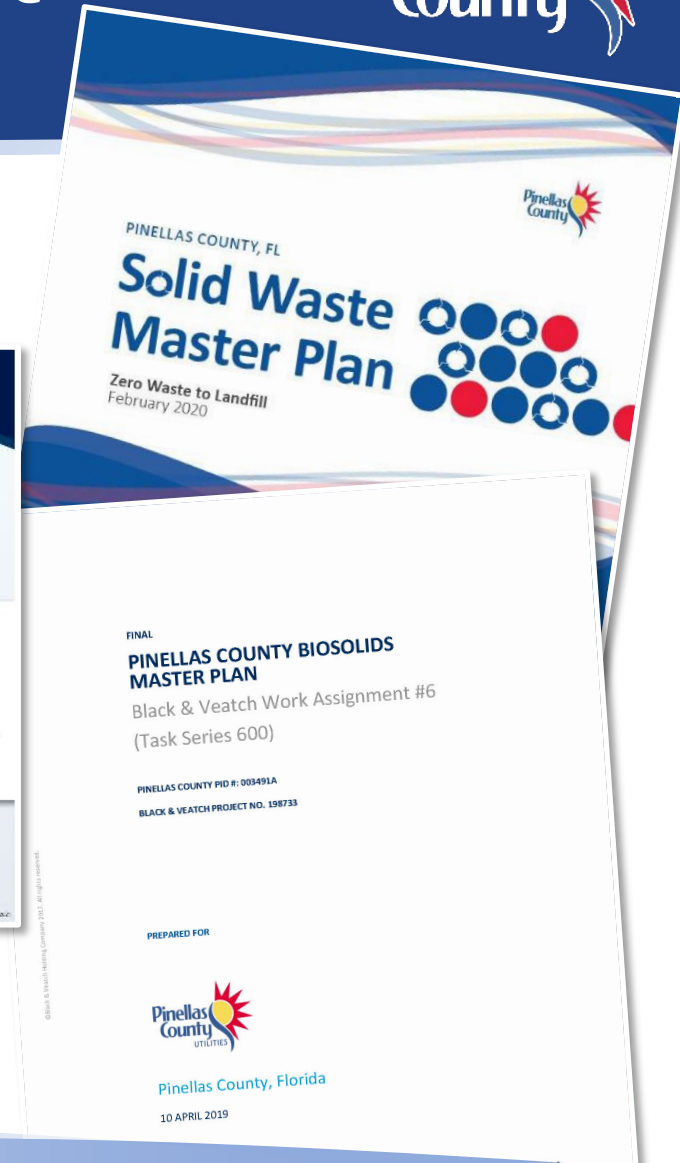
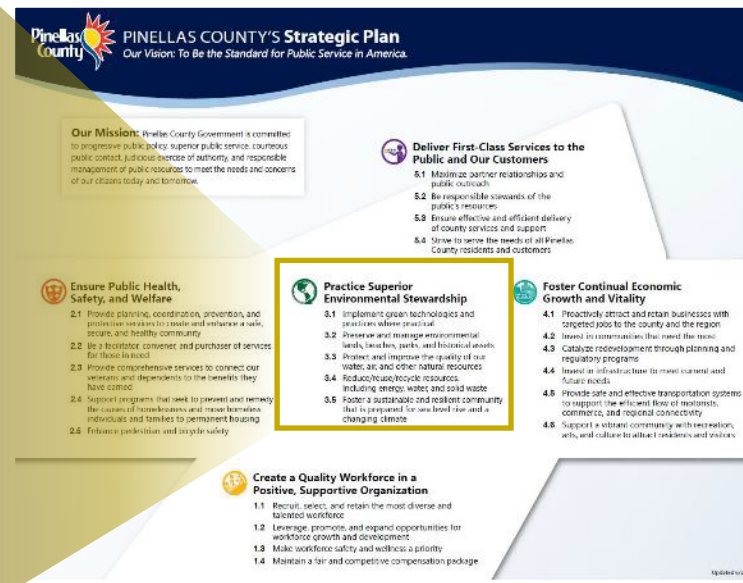


Pinellas County Strategic Alignment

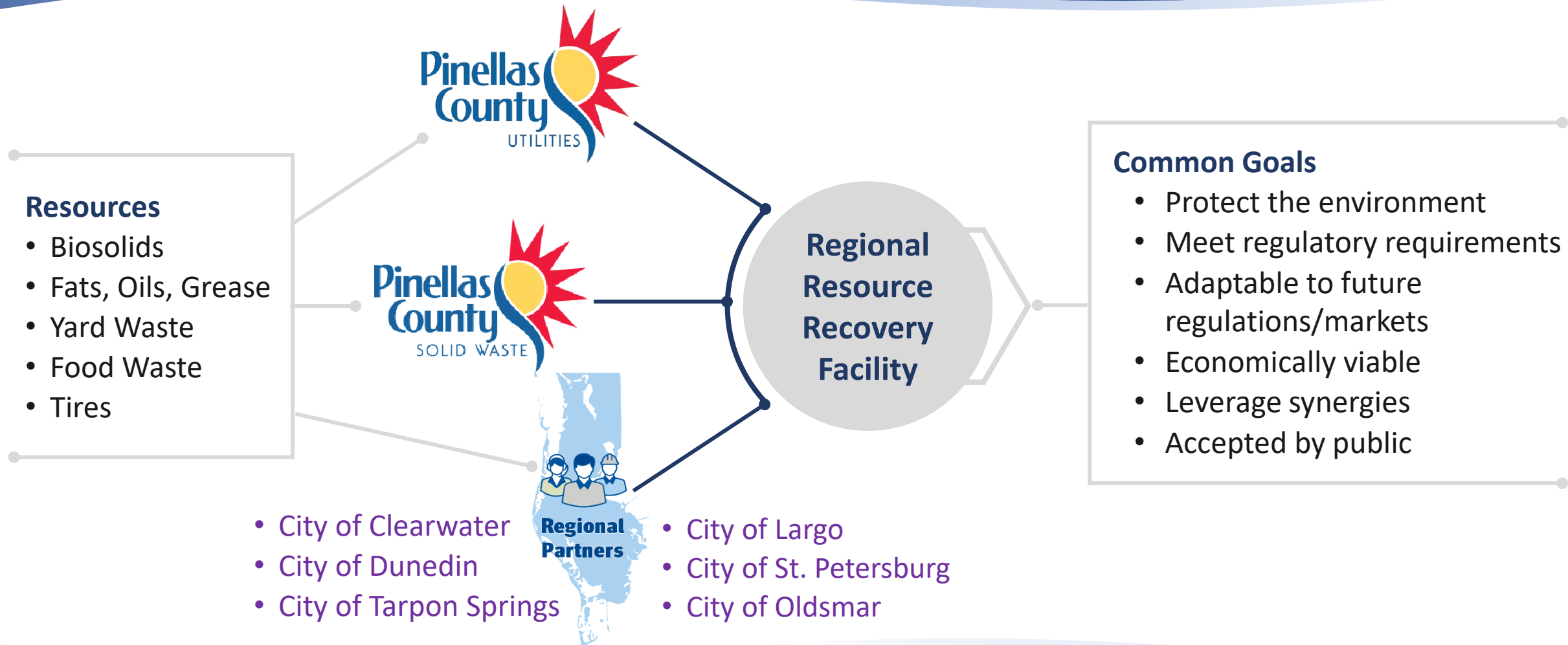


Practice Superior Environmental Stewardship

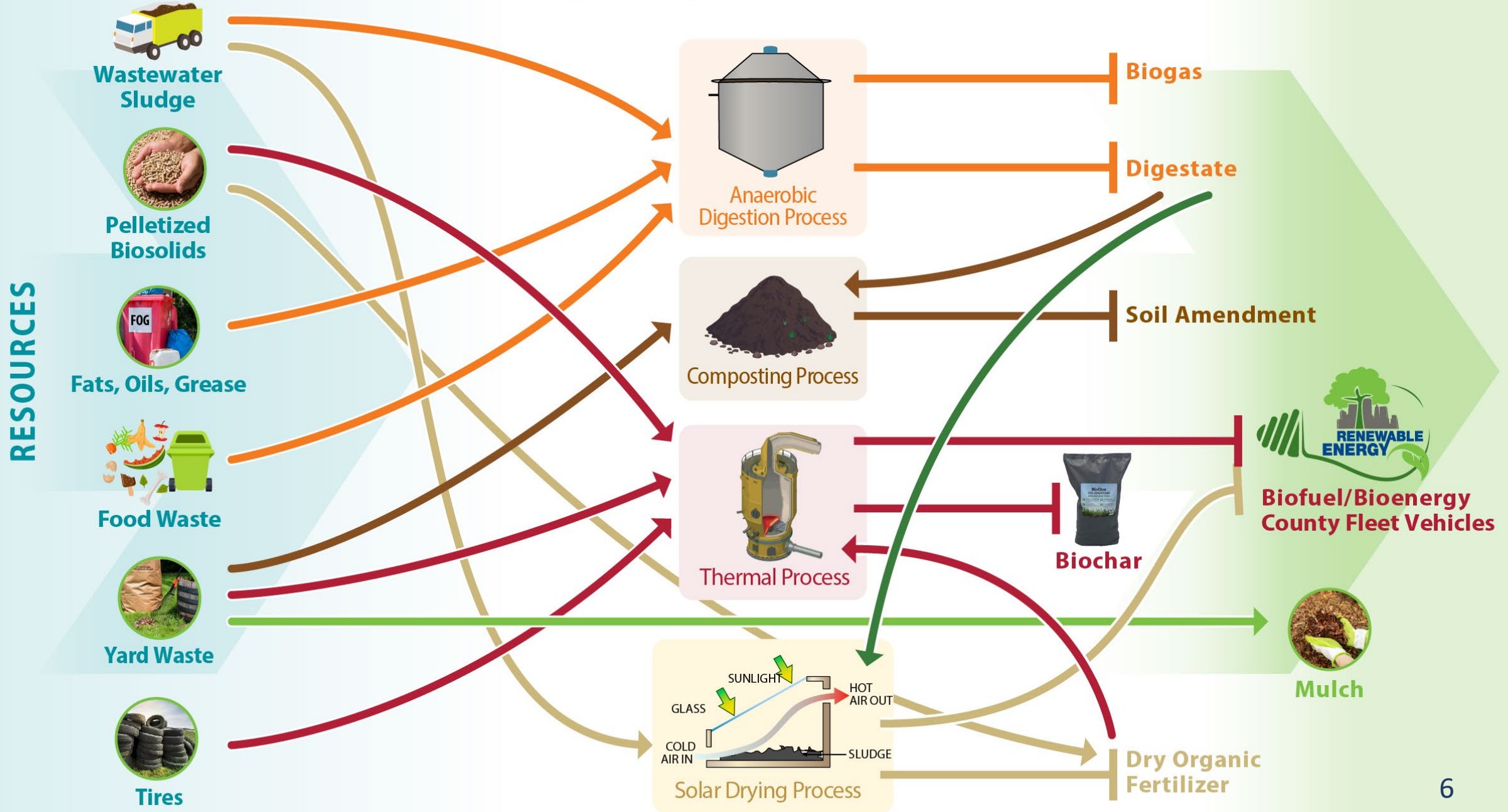
- 3.1 Implement green technologies and practices where practical
- 3.2 Preserve and manage environmental lands, beaches, parks, and historical assets
- 3.3 Protect and improve the quality of our water, air, and other natural resources
- 3.4 Reduce/reuse/recycle resources. Including energy, water, and solid waste
- 3.5 Foster a sustainable and resilient community that is prepared for sea level rise and a changing climate



Beneficial Reuse of Resources



Pinellas County Integrated Resource Recovery Plan



Project Schedule

	2022		2023				2024				2025				2026				2027				2028			
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
PHASE 1 <ul style="list-style-type: none"> Stakeholder Engagement Technology Assessment & Alternative Evaluation Business Case Evaluation Preliminary Engineering Report 																										
PHASE 2 <ul style="list-style-type: none"> Continued Stakeholder Engagement Interlocal Agreements and County Ordinances Legislative and/or Project Funding Assistance Design Criteria Package 																										
PHASE 3 <ul style="list-style-type: none"> Procurement Construction of RRRF 																										

Phase 1: Preliminary Engineering Report



Project Workshops

Regional Stakeholders Engagement

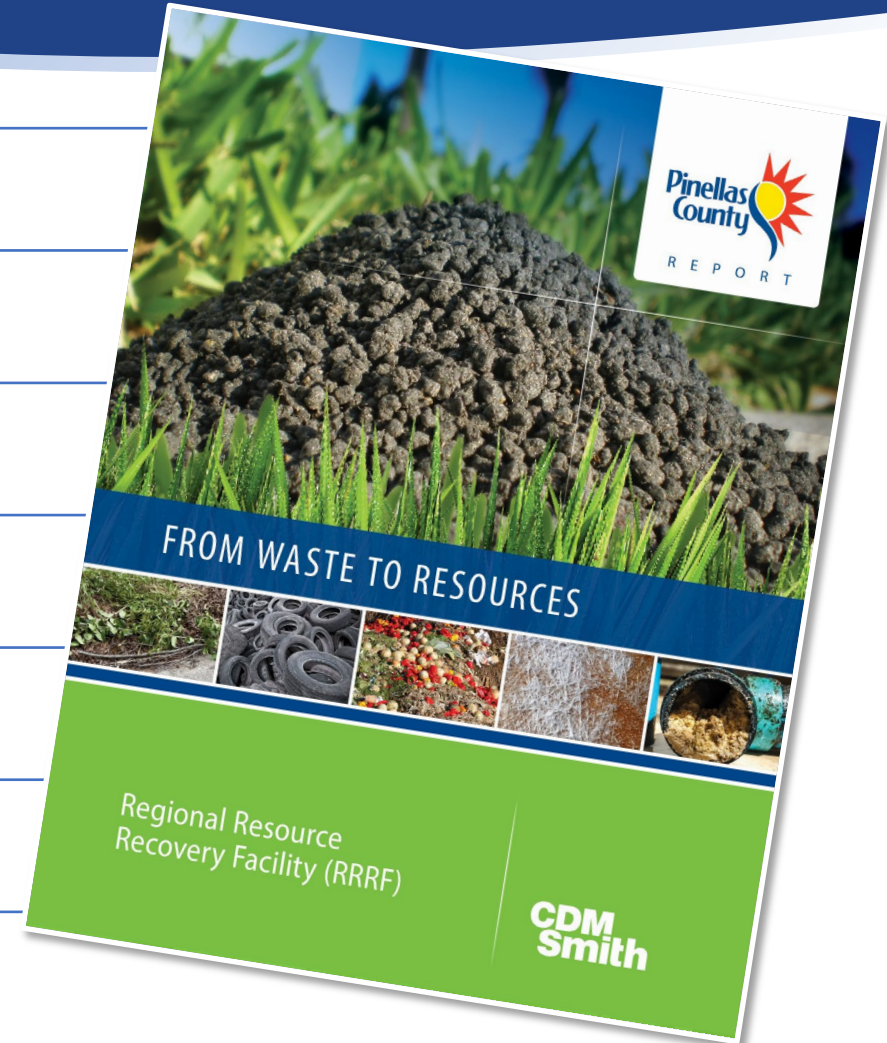
Source Materials Quantification and Characterization

Technology Assessment and Alternatives Evaluation

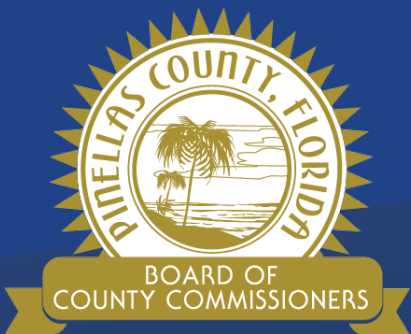
Business Case Evaluations

Preliminary Engineering Report

Project and Quality Management



Thank You!



Our Vision: To Be the Standard for Public Service in America

