

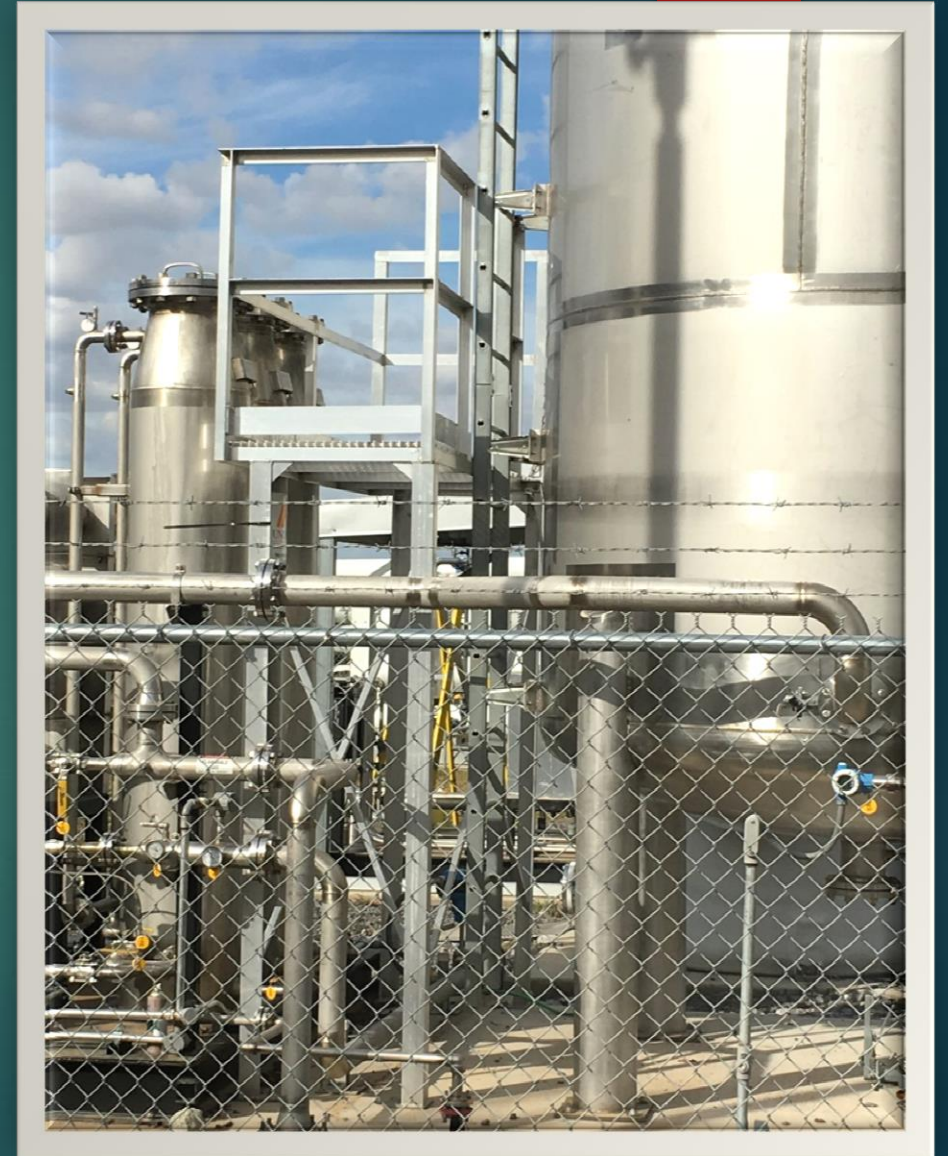
# RNG AS A VEHICLE FUEL



A TECHNICIAN'S PRESPECTIVE

# PRESENTATION OUTLINE

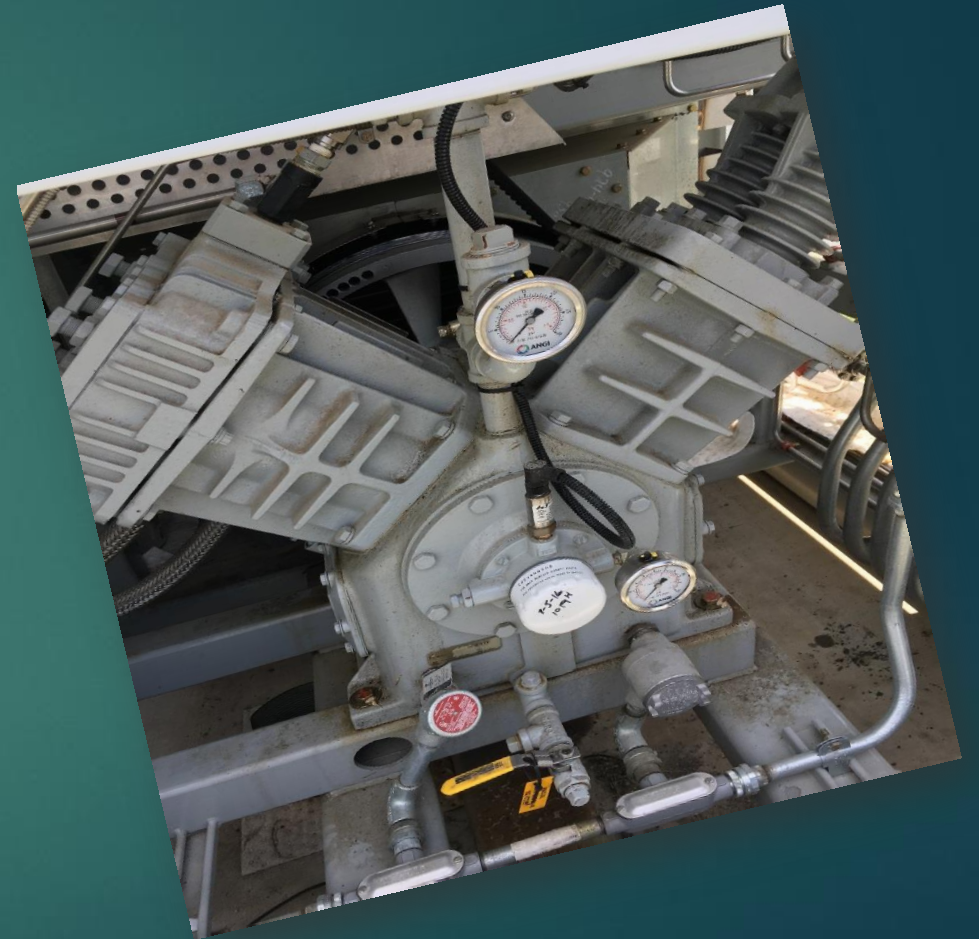
- PROJECT DEVELOPMENT
- MANAGEMENT AND OPERATIONS
- LESSONS AND FUTURE PLANS



# PROJECT DEVELOPMENT

## KEY FACTORS

- SUFFICIENT FUNDING
- WELL SOUGHT OUT PLAN
  - BEST CONSULTING POSSIBLE
  - CONSTRUCTION/ POST CONSTRUCTION
  - SIZING YOUR CNG STATION
  - CONSIDER THE GEOGRAPHICS/CLIMATE
  - AQUIRING YOUR VEHICAL FLEET etc....
- THE RIGHT DEVELOPERS  
(TECHNOLOGY)
- PLANE FOR FUTURE EXPANSION
- EMPLOYEES WITH REQUIRED SKILL SET \*
  - PROFESIONAL TRAINIG
  - CONTINUOUS ED



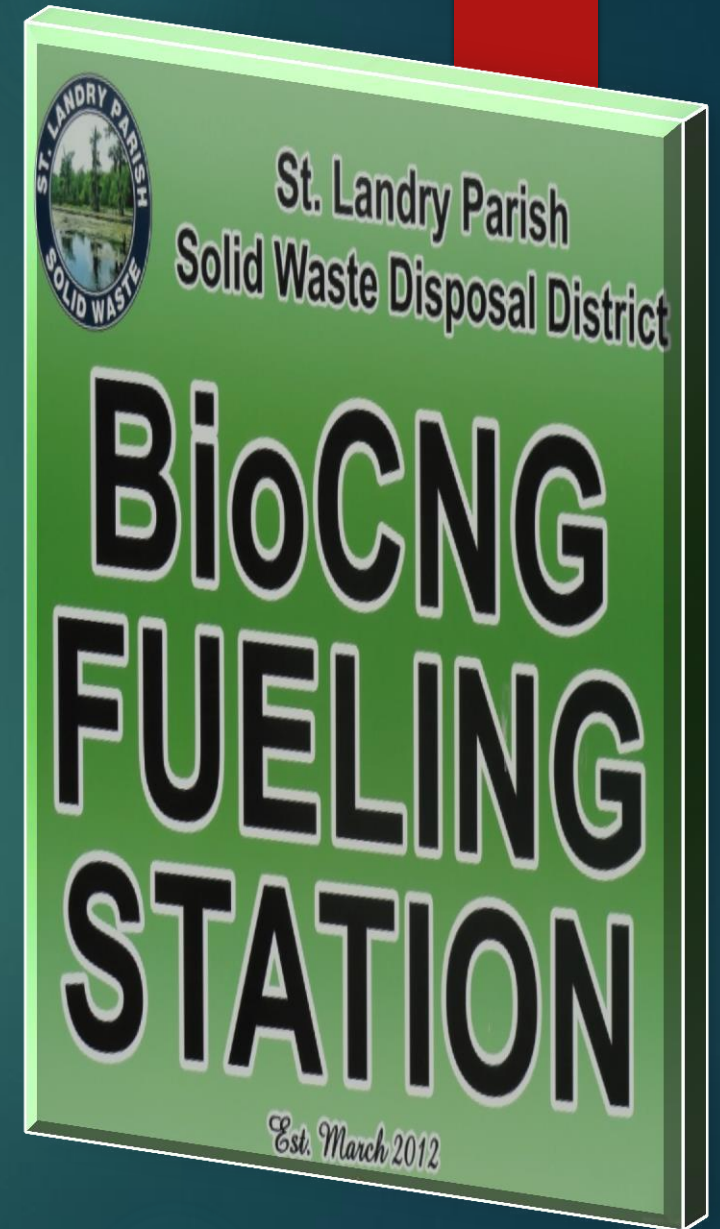
# MANAGEMENT AND OPERATIONS

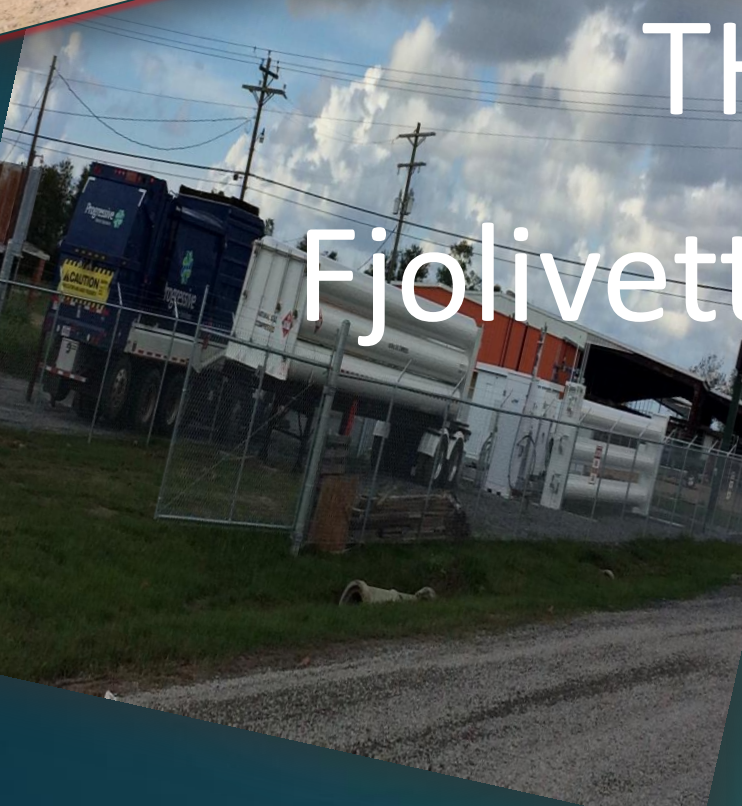
- MONITOR CONSUMPTION
- REMOTE
- TRACK OPERATING COST
- PLAN SCHEDULED MAINTENANCE
  - RUN HOURS
  - DAILY
  - WEEKLY
  - MONTHLY
  - SEMI-ANNUALLY
  - ANNUALLY
- GAS SAMPLING
  - H<sub>2</sub>s
  - Siloxanes
  - VOCs
- MEDIA CHANGE OUT
- DESICCANT REGEN/REPLACED
- OILS AND FILTERS
- IMPLAMENTATION



# LESSONS LEARNED

- ▶ UNDERSTANDING SYSTEM OPERATION IS CRITICAL
- ▶ LFG COMPOSITION/QUALITY IS KEY
- ▶ FLEET MANAGEMENT IS ESSENTIAL
- ▶ ENVIROMENTAL INCENTIVES VARY GREATLY
- ▶ MANY ELEMENTS IN DETERMINING OPERATING COSTS
  - ▶ RESOURCE ALLOCATION
  - ▶ REMOTE MONORTERING
  - ▶ MEDIA REPLACEMENT
  - ▶ GAS SAMPLING
  - ▶ EQUIPMENT SERVICING
  - ▶ TESTING EQUIPMENT





THNAK YOU  
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BioCNG CHARTER FLEET  
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