

# RNG – A Developers Perspective

EnerCom 2021



# The Landfill Group

## Company Overview

The Landfill Group offers a comprehensive, vertically integrated solution to the Biogas industry through our three branded operating businesses: Enerdyne Power Systems, Advance One Development and Advanced Biogas Systems



- Develops, owns, operates and consults on landfill gas to energy projects
  - National footprint with projects throughout the U.S.
- Current portfolio includes five operating LFG projects with various end uses:
  - Electricity
  - High Btu
  - Medium Btu



- Provides complete landfill gas construction services including:
  - Wellfield construction
  - Plant construction
  - Equipment installation
- Ability to operate nationally with General Contractor Licenses in multiple states



- Manufacturer of equipment for the Landfill Gas Industry
- Product offering includes:
  - Blower / Flare Skids
  - Siloxane removal
  - Gas dehydration
  - Hydrogen Sulfide removal
  - O2 Removal
  - CO2 Removal
  - Custom Fabrication

# RNG Project Development Challenges

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There are many challenges in the development of an RNG project. The following have been identified as the most significant.

- Scale and Gas Flow
  - Capital intensive
  - RNG scales up well not down
- Gas Supply Control
  - Nitrogen removal
  - Stability of supply
- Pipeline Interconnection
  - Access to pipeline – both tariff and location
  - Cost
- Offtake Market
  - Future stability of Renewable Fuels Standard
  - Highly Fragmented