



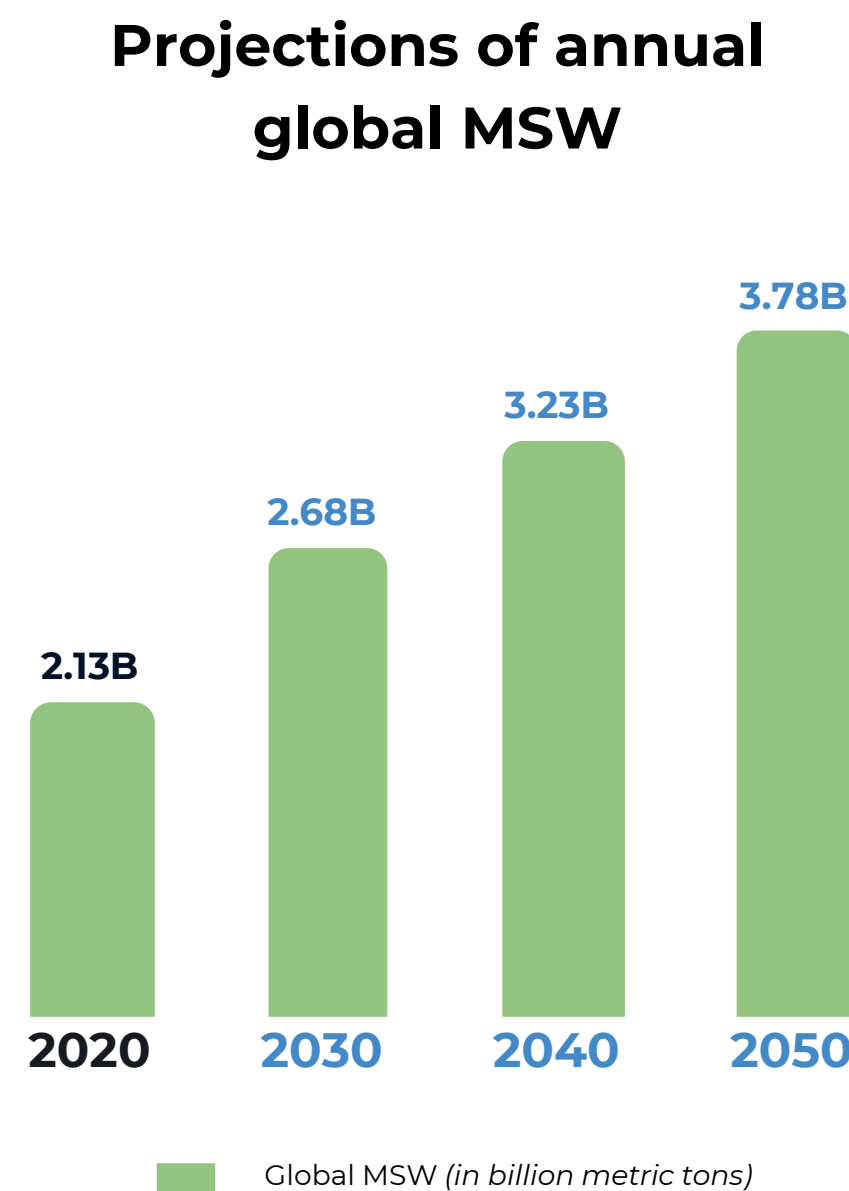
MOZART

Transforming Waste
into Clean Energy



A Global Waste Crisis with a Multi-Trillion Dollar Energy Gap

Every year, the world generates over **2.1B tons** of municipal waste, set to **increase** to **3.8B tons** by 2050. Yet less than **19%** is recycled or composted, while the rest is discarded in landfills or burned



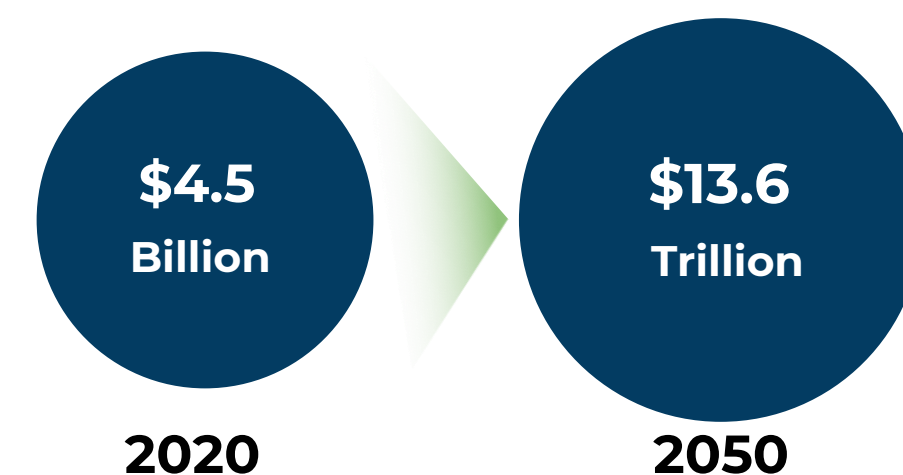
North America
300M+ Tons
Annually

USA
12% of Global
MSW

85% of MSW
can be converted
to clean energy

The \$13.6T Clean Energy Opportunity

A **300x** increase in clean energy demand is projected by 2050: waste-derived syngas will power a global market growing at a **CAGR of ~28.6%**



Global Clean Energy Demand




Mozart Devco Overview

Developer of waste-to-energy infrastructure projects

About Us

2022


Founded




120+ years engineering and energy

Specialization on MSW to energy projects


Key Drivers




Rising demand for clean energy




Distributed generation




Cost savings for landfill operators



Landfill diversion




Emission reduction



Carbon footprint

WtE Project Development


Waste-to-syngas plants with a flexible fuel production line to match the off-take demand




Waste-to-Syngas

Syngas Flex-fuel Profile

- Hydrogen
- Methanol
- SAF
- RNG
- Ammonia
- Other



CCUS



Power

Project Pipeline

Why New Mexico ?

- Municipal solid waste challenge - landfills
- Growing demand for power
 - AI Data Centers, DOE, LANL, Sandia
 - New Mexico Net Zero Act – clean air, zero emissions at tailpipe
- State and local government supportive of clean power
- No transformation plants in state

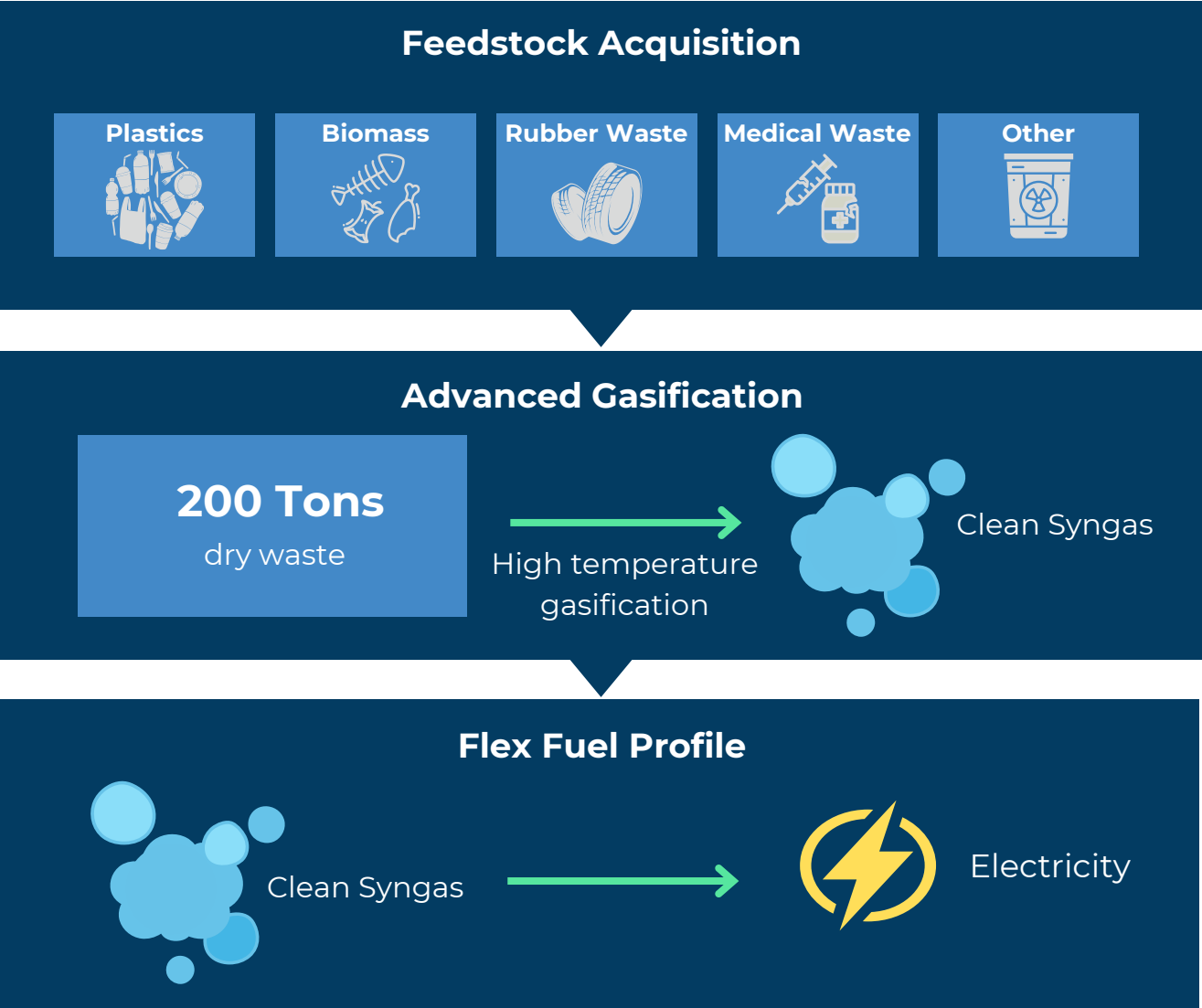
ATTACHMENT A

3

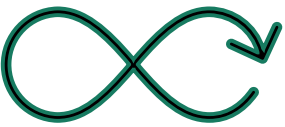


Mozart's Solution for Plant 1

Transforming Waste into Clean, Profitable Energy



Waste management costs reduced across the process



Employing continuous cycle waste-to-syngas technology

Multiple Production Streams

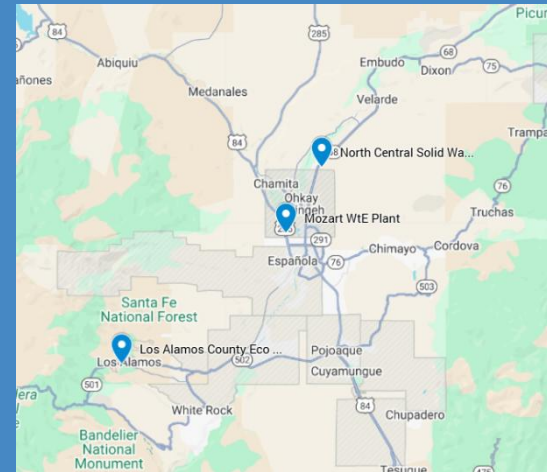


Project advancing sustainability while creating jobs

- ✓ Lower carbon footprint with hydrogen & CO₂ capture
- ✓ Reduced landfill dependency
- ✓ 30+ full-time jobs, prioritizing local hires
300+ indirect jobs

Mozart's Plant 1

Ohkay Owingeh Española, NM



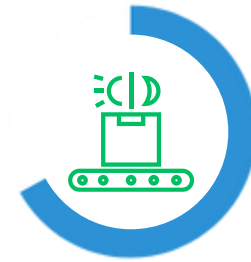
Transforming MSW into clean syngas to generate power at our state-of-the-art waste-to-energy facility



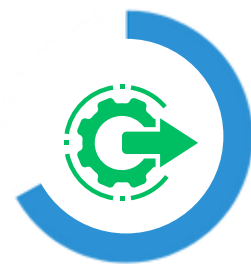
Project Type: MSW to Syngas – Flex Fuel



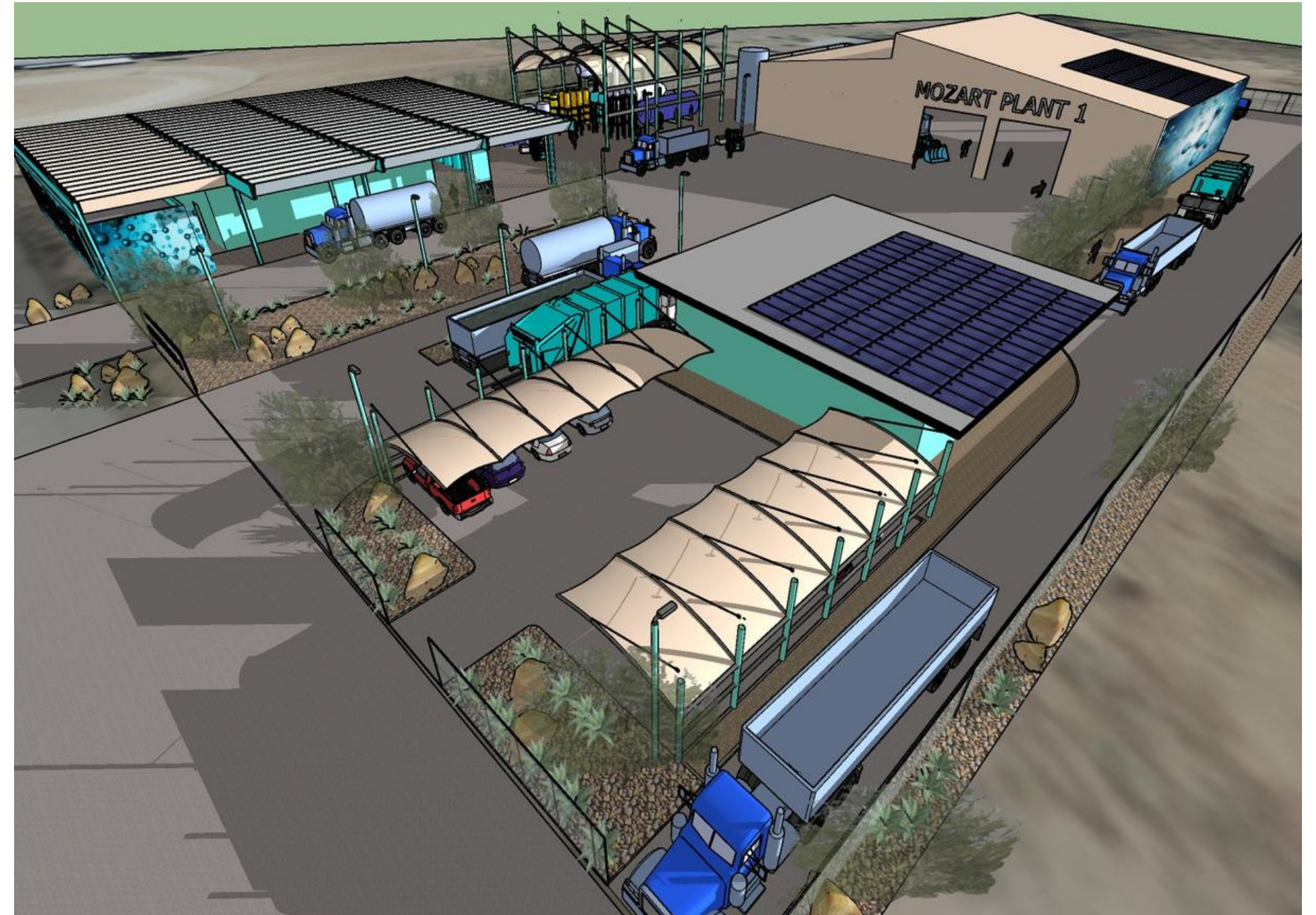
Location: 15 acres on Ohkay Owingeh Tribal Lands, Española, NM



Capacity: 200 dry tons/day (MSW, plastics, biomass, rubber, medical waste)



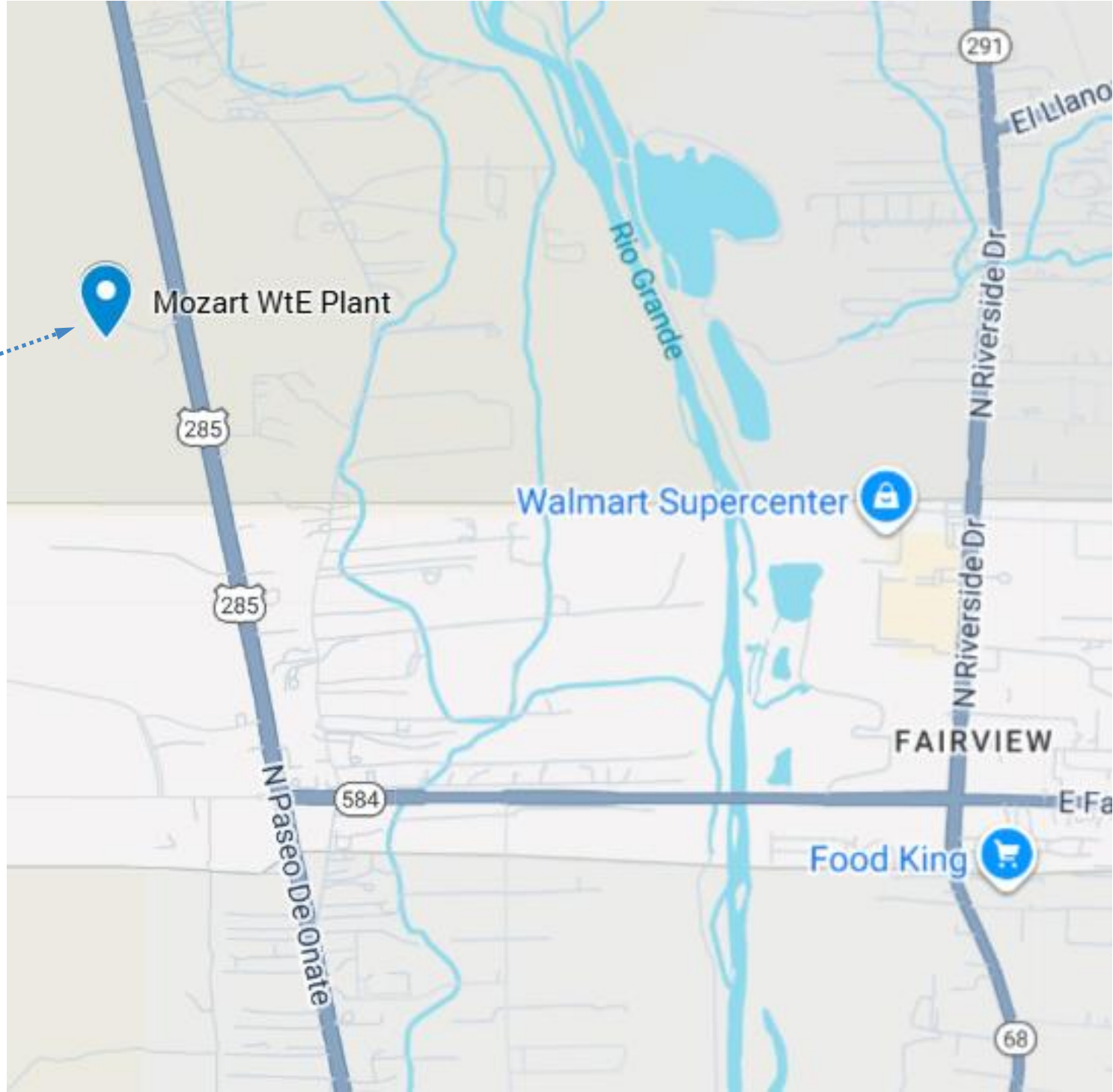
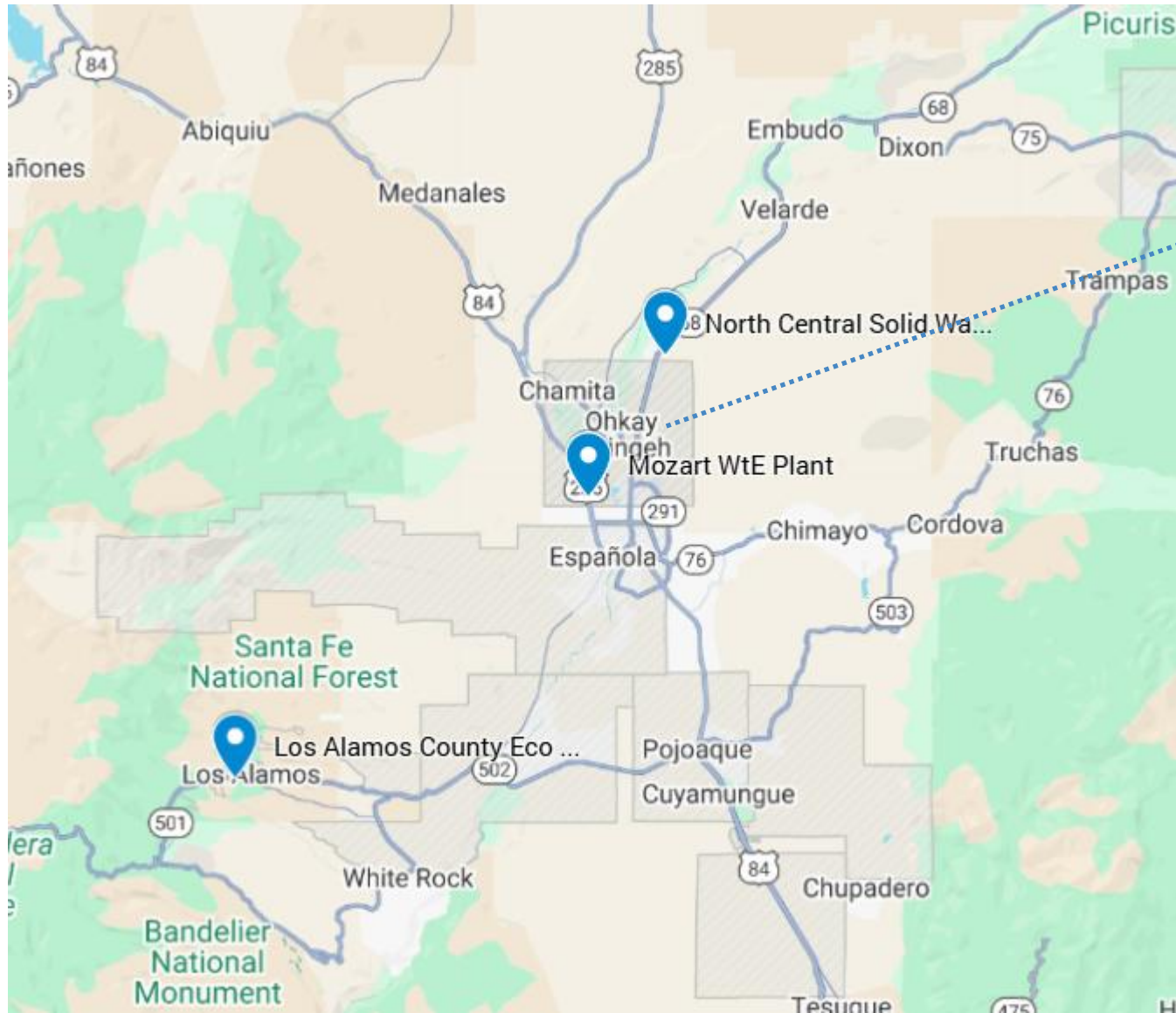
Output: 10 MW of power to grid, LCO2, Graphene





Mozart WtE Plant Location

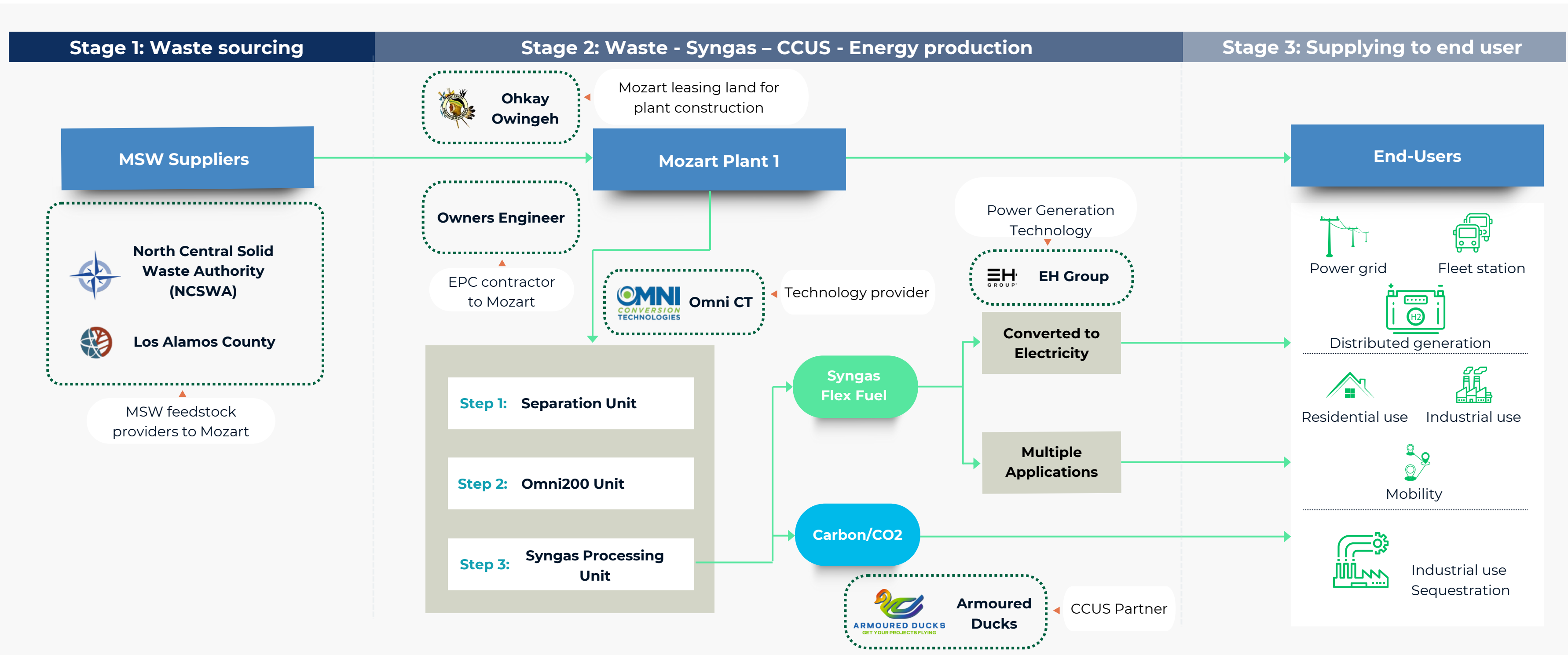
Ohkay Owingeh
Española, New Mexico





Mozart's Ecosystem Plant 1

Mozart harnesses a robust industry network and strategic alliances to deliver cutting-edge infrastructure for a sustainable solution





OMNI CT Profile and Plant Build Timeline

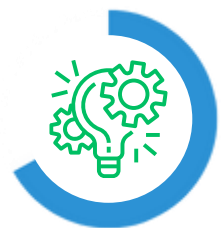
OMNI specializes in waste-to-fuel technology, transforming municipal solid waste into clean energy, with zero harmful emissions



Founded in 2005, HQ at Ottawa, Ontario



Operates globally with active projects worldwide



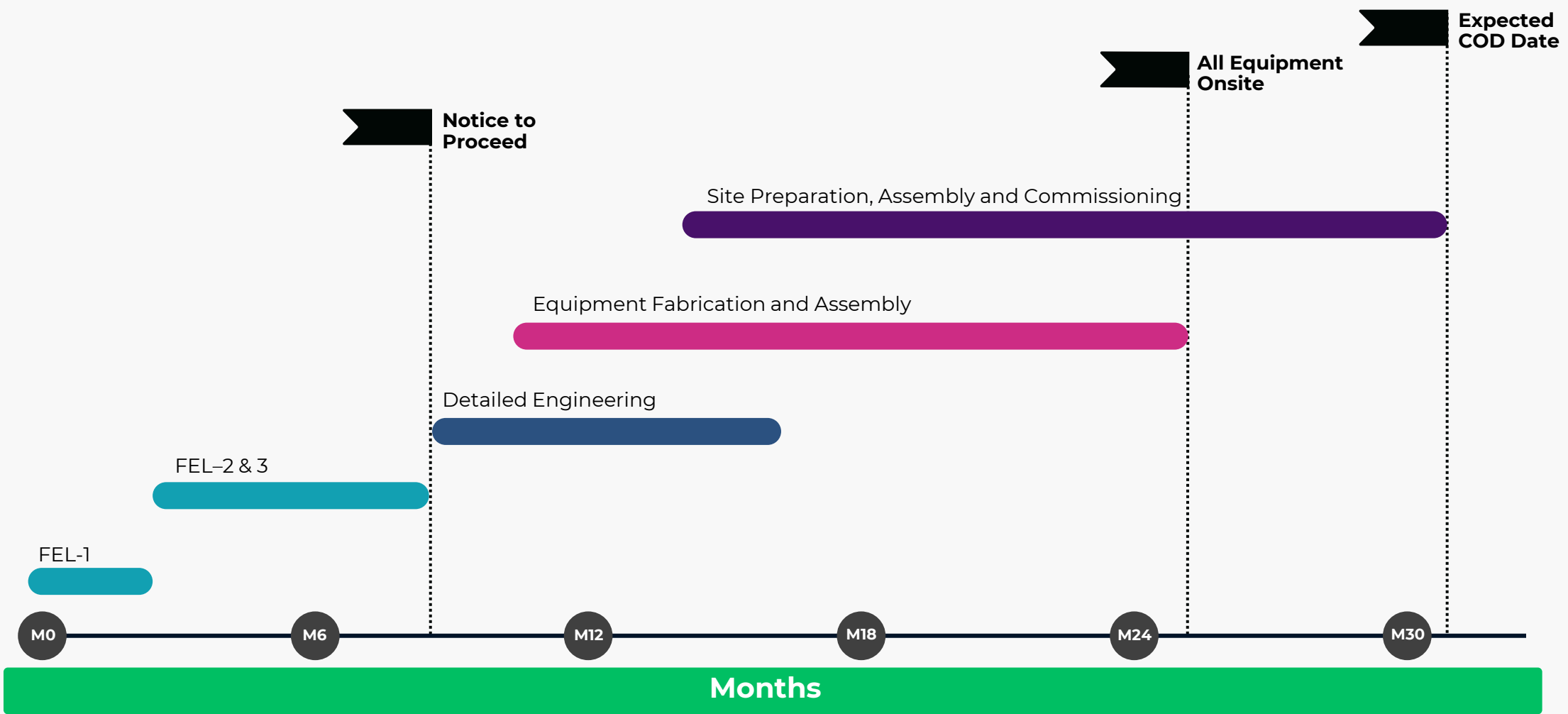
Patented Omni200 Technology



Over 99% waste reduction

The partnership with Mozart:

- Deploying **Omni200 units** and **leading key engineering work** for Mozart's initiative at Española, NM
- Supporting **FEL-1 and FEL-3 design, cost estimation, workflow integration,** and **vendor selection**
- Providing **engineering expertise** and **ensuring seamless execution**



The timeline outlines the steps from planning to operation

FEL-1 and FEL-3 Studies

Notice to Proceed

Detailed Engineering & Fabrication

Site Preparation & Equipment Assembly

All Equipment Onsite & Commissioning






Expected Commercial Operation Date

- Initial design and cost evaluation
- Green light to start the next steps
- Designing and building key equipment
- Setting up the facility and installing equipment
- Final checks before operation
- The facility is fully running



Mozart's Carbon Utilization Solutions

Waste-to-syngas plants with a flexible fuel production line to match the off-take demand

Product	Technology / Process Type	Off-takers / End-User Industries	Market Size
Calcium Carbonate	Mineralization	 Construction materials, concrete, cement	◀ \$1.11B (2023) → \$3.95B (2033)
Nano Calcium Carbonate	Nanoparticle Synthesis	 Plastics, rubber, paints, coatings, paper	◀ \$8.42B (2022) → \$17.66B (2030)
Graphene	Electrochemical Conversion	 AI, electronics, composites, energy storage, automotive, aerospace	◀ \$432.7M (2023) → \$5.19B (2032)
Synthetic Fuels	CO ₂ Hydrogenation	 Transportation, aviation, energy sectors	◀ \$8.6B (2024) → \$34.7 B (2033)
Methanol	Catalytic Hydrogenation	 Chemicals, fuels, solvents	◀ \$40.51B (2024) → \$68.56B (2035)



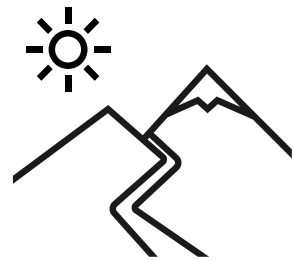
Benefits To Participating Entities

ECONOMIC



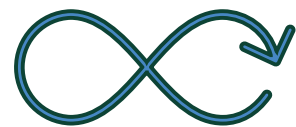
Direct and indirect cost abatement
Capital and labor resources
Job creation at plant and aux services

ENVIRONMENTAL



Landfill waste diversion
Air
Water / Aquifer

SPECIFIC TO LOS ALAMOS COUNTY



The primary value to Los Alamos County is the cost abatement of taking the municipal solid waste to the plant as opposed to the landfill

Los Alamos County benefits through the collective effort of clean power production from waste-to-energy

The plant will serve and benefit the communities of North Central New Mexico and is in alignment with the state's priority of economic diversity



The Right Mix of Experience (1/2)

Development Team



Mr. Mark Rutledge
Co-Founder & Principal

- 30+ years in semiconductor space
- Co-Founder of Summit Microelectronics, Inc.
- Managed Summit business unit post-acquisition by Qualcomm, growing the nascent business from \$68M to \$382M



Mr. Kash Arfa
Project Operations

- 34+ years in engineering and project management for complex energy projects
- Co-founder of The Automation Group (TAG)
- Former VP Global Projects and Oil & Gas Operations at Emerson



Ms. Carrie Brennan
Administration

- 10+ years marketing & communications leader with expertise in brand strategy, PR, and content marketing
- Skilled in integrated campaigns, media kits, digital content, and community engagement



Mr. Michael Dwinnell
Co-Founder & Principal

- 40+ years in energy space
- Co-founder of CENAQ (SPAC, NASDAQ)
- Advisory board member on multiple energy and capital ventures



Mr. Rocky Hogue
Commercial Operations

- 40+ years in financial and contract management in engineering
- Leadership roles at Koch and Worley, including Sr. Commercial Director, Koch Project Solutions
- Former Global Group Director & Group Controller at Worley/WorleyParsons



Mr. Steven Stringer
Government Affairs

- 30+ years in technology and program management
- Leadership at Los Alamos National Laboratory - Cray Research (Former SAM)
- Former Technology Transfer Program Manager, Los Alamos National Laboratory
- Former Project Manager for schedule, cost, design, construction, and deployment of the world's most powerful scientific visualization facility at LANL



The Right Mix of Experience (2/2)

Advisory Board



Dr. Alex Kulpecz, Ph.D.
CEO of Alexander Energy Limited

- Former Executive Committee Member at Royal Dutch Shell
- Former Fund Advisor to Carlyle/Riverstone, ITI Energy, Silver Point Capital, and McIntyre Partners



Mr. Carl Ellett
Sr. Economist for PBF Energy

- Former Manager at ExxonMobil, Torrance – oversaw 135 BCFPD hydrogen production & hydro processing
- Expert in meeting California's stringent air quality standards



Mr. Michael Mayell, P.E.
President of Sydson Energy Inc.

- Former Co-Founder, President & CFO of CENAQ (SPAC, NASDAQ)
- Former Co-Founder & President of The Meridian Resource Corp. (NYSE)
- Former VP, Kirby Exploration; Engineer at Shell Oil



Mr. Peter Vermette
Managing Partner & Founder Vinalhaven Capital

- Former Managing Director at Goldman Sachs with 25+ years in private equity
- Global Head of Debt Capital Markets; expertise in renewables, utilities, waste-to-energy, and infrastructure



Dr. Thorstein Selvik, Ph.D.
Investment Banking and Finance

- Held leadership roles in Goldman Sachs, ING, and Artesia Capital
- Expert in finance, economic analysis, and strategic consulting
- Renowned expert in trans-Atlantic relations and North America

CO2 Management Team



Dr. Milana Ayzenberg, Ph.D.
CEO of Armoured Ducks AS

- Former Chief Technology Officer at Caox AS and CaptiCo2 AS
- Former Geophysical Researcher and Project Manager at Equinor
- Expert in CO2 management and oil and gas reservoir optimization



Mr. Oddvar Spjeld
COO of Armoured Ducks AS

- Former Chief Product Officer at Caox AS and former CEO of CaptiCo2 AS
- Former Project Manager and Mechanical Engineer at Equinor and Aker Solutions
- Expert in CO2 management and oil and gas modification projects