



PlantyFuel

UNLOCKING ABUNDANT BIOWASTE TO ENERGY

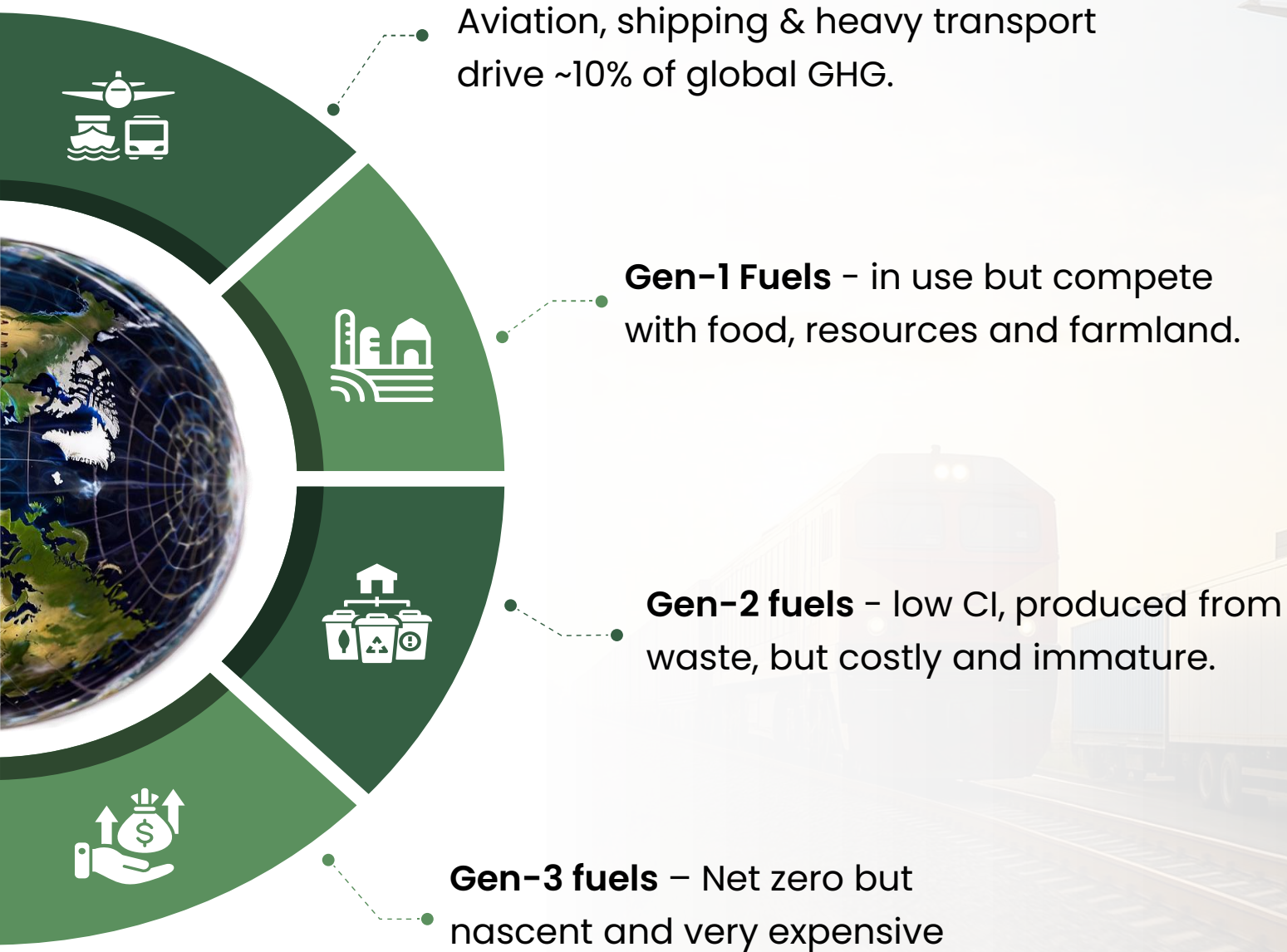
LOW-COST GEN-2 ETHANOL & BIODIESEL FROM AGRICULTURAL WASTE

Investor Deck

November 2025



Burning Need For Renewable Fuels



Abundant Feedstock – Agricultural Bio-waste



Billions of tons of underutilized agricultural residues annually.



Tillage & burning are harmful agronomically & environmentally while other practices are expensive or low economic value

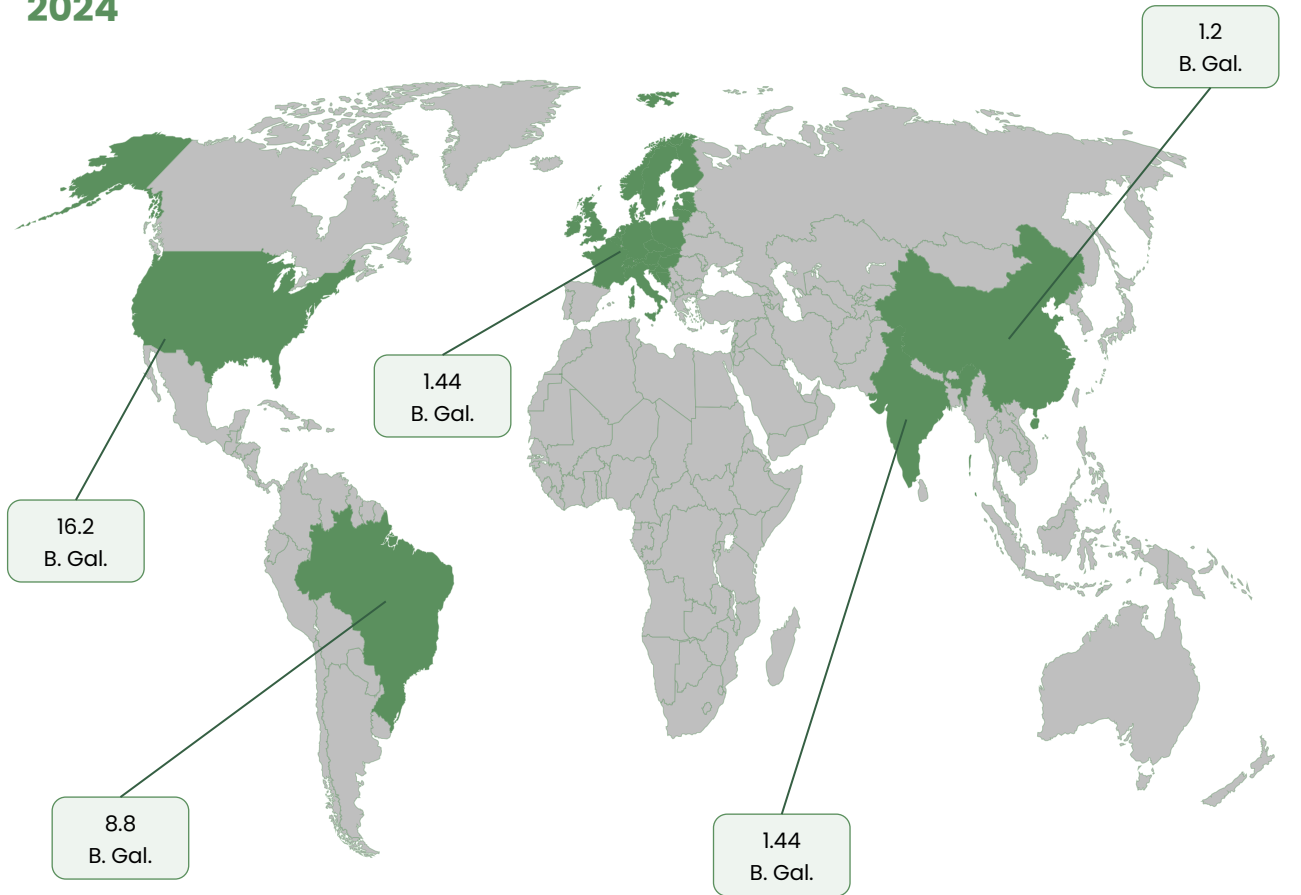


Regulations and environmental awareness are pushing for more sustainable practices.

PlantyFuel's Solution



2024



01

Low-cost Gen-2 ethanol from abundant Agri-residues - carbon-negative and SAF compliant

02

Proprietary Technion-based process cuts costs in Equipment, energy, materials and enzymes

03

Simplified process with modular design enables deployment from farms to biorefineries

04

Widely used fuel, fully compatible with existing supply chains and combustion systems

PlantyFuel's Innovation



- 80% cost savings vs existing gen-2
- Achieve Parity or better with Gen-1
- Biorefinery scale – potentially competitive with fossil fuels
- Energy value streams: Ethanol, CDR, CO2
- Renewable premium materials: Lignin, Minerals



Market Opportunity



On-site systems

- Farms and Greenhouses
- Bio-waste to Glucose/BioFuel/CHP
- Estimated TAM 130-190B
- System sales + CDR Income

A NEW BLUE OCEAN



Biorefineries

- Retrofit/Co-locating and new projects
- SAF/Maritime regulation compliant
- Estimated TAM 140-170B
- JV, License, EPC

A NEW COST STANDARD



Projections & Timeline

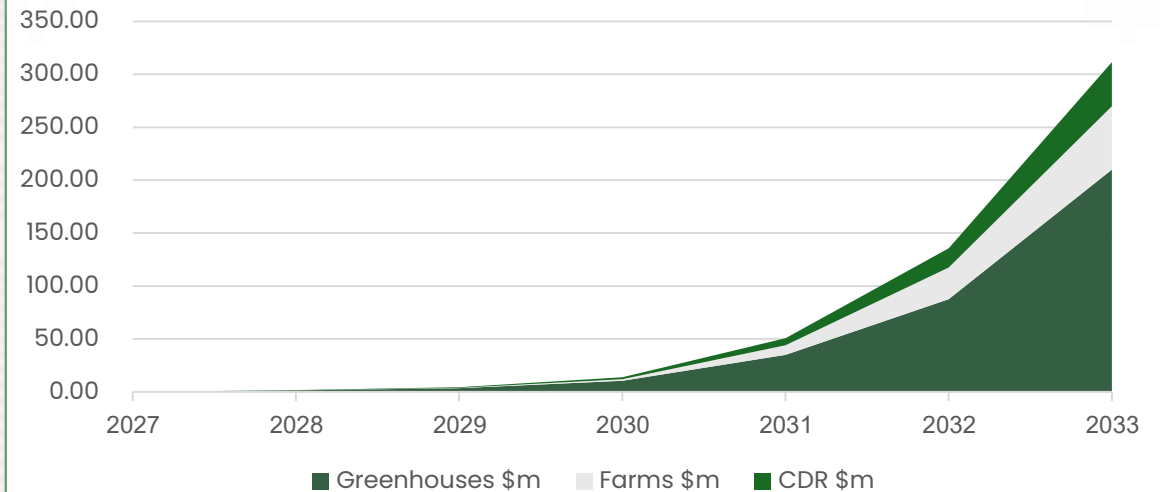
Achieved lab POC with real feedstock (TRL 3-4)



Now we want to scale and accelerate time to market:

- Secured \$1.9m from NetZero for 3 years (IIA approved)
- Recruit additional manpower, resources and facilities
- Fast track lab POC to field pilot (TRL 7) – Q2/2027
- Start farm/greenhouse sales 2028
- Achieve \$50m revenues by 2031

Projected Revenues \$m



Raising \$2M

The Team



Yoav Nahmias

Co-Founder & CEO

Officer, entrepreneur and industrialist with an established record in the water, Energy, Irrigation, agriculture & plastics industry. BS.c., MBA. TAU



Dr. Gilad Alfassi

Co-Founder & CTO

Senior Lecturer at Braude College of engineering with a Ph.D. from Technion. Expert in biofuels, bioprocessing, and circular economy. Industry and academic experience in process engineering.



Prof. Yachin Cohen

Co-Founder & CSO

Emeritus Professor of Chemical Eng. Expertise in the processing, structure and properties of polymers, and biomass transformation into useful chemicals.

We Are NetZero



We are Israel's climate and energy deep tech venture builder.

01

We launch and invest in collaboration with the Israel Innovation Authority in early-stage promising companies that can make back real value while addressing pressing climate challenges.

02

We incubate our companies providing them access to our world-class partners and investors. We help them build competitive and commercially viable models and grow from science to product to market.

03

We are the central hub for founders, researchers and industry players to network, share knowledge, and accelerate their innovation in the climate space.



Thank You For Your Time



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