

## The World's First Beef Carbon Reduction Platform via Big Data



**\$56M**

Invested through Gov.

**10**

Years of Development

**\$385B**

2025 Market Size

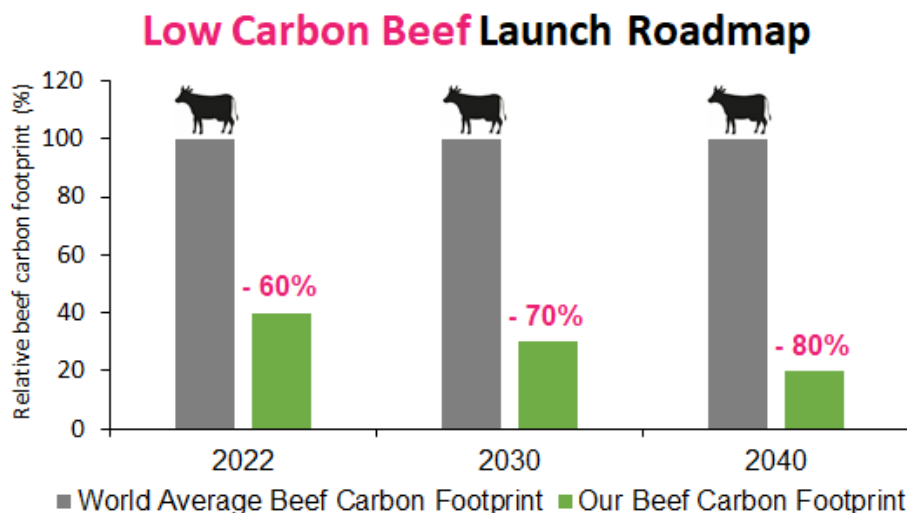
### Company Overview

- The Company operates the world's first beef carbon footprint reduction platform based on bio big-data and animal science research.
- It will contribute to net-zero carbon emissions with the goal of reducing global cattle greenhouse gas (GHG) emissions by 50% and grow into a leading low-carbon meat product company.

### Service & Product:

- Low-Carbon Livestock Digital Platform
- Producing and Certifying Low-Carbon Beef

### First Product Launches in March 2022, Ready to Generate Revenue



## Problem: Cattle is a Major Source of Global Greenhouse Gas (GHG) Emissions

- Cattle GHG emissions have the potential to reach 30% of total GHG emissions by 2050 if no action is taken.
- Beef Carbon footprint certification has not been implicated so far because of biological variation in each cow, making it difficult to quantify.
- Certification of Low Carbon Beef has not been commercialized due to high cost and verification issues.

## Solution

- The first and only technology that can quantify the amount of carbon footprint from an individual cow.
- Fit for all beef grading systems worldwide.
- Easy to certify Low Carbon Beef by applying proprietary bio big data.

## Advantage of Beef Carbon Footprint Reduction Technology

- Lower cost of reducing carbon emissions than those of existing carbon reduction technologies.
- Increase in beef productivity

Carbon offset technology	The Company	Solar Power	Electric Vehicle	Carbon Capture
Cost to reduce 1,000 kg of CO <sub>2</sub> eq	\$30	\$150	\$400	\$250

## Founded by PhDs in Biotechnology & ICT, with Extensive Business Background

- **CEO:** Professor, head of \$56M project for 10 years
- **CTO:** Professor, business experiences in biotech and livestock sectors for 15 years  
R&D Strategy Team Leader, MacroGen Inc., CEO, MGEN Inc.
- **Information:** Ph.D., business experiences in IBM, Cisco Systems & Dell
- **International Business:** Professor, R&D experiences in NIH & University of Texas

## Financial Projections (USD)

	2022p	2023p	2024p	2025p	2026p
Revenue	10.0M	50.0M	100.0M	200.0M	400.0M
EBITDA	0.8M	6.5M	15.5M	45.7M	85.0M