

Corporate Introduction

YenTing Chen, General Manager



Company Brief



Established:

Founded in 2018, by Chairman Yin-Jun Chen and Taipei Medical University

R&D team:

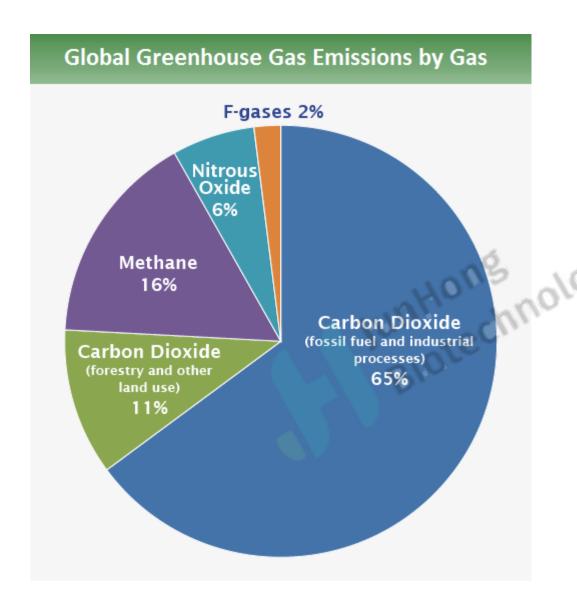
Lead by Prof. Rong-Hong Hsieh, Dean of the College of Nutrition

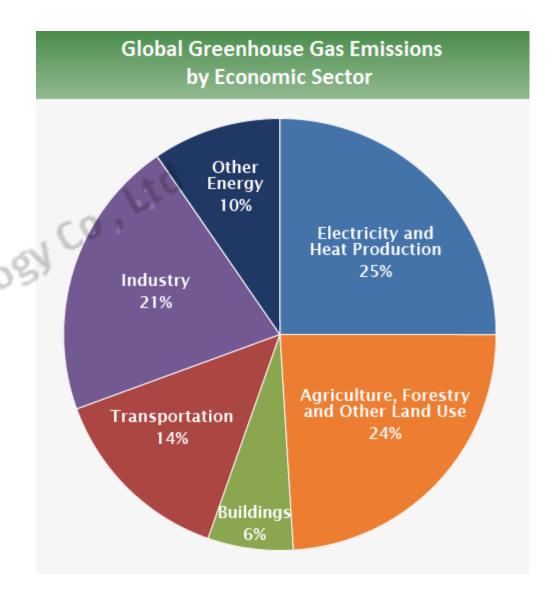
Core value:

A professional nutriology brand dedicated to improving public health

Mission:

Bring out the specific phytochemicals to benefit the society





https://www.epa.gov/ghgemissions/global-greenhouse-gas-emissions-data

Properties of Methane

Chemical Formula: CH₄

Lifetime in Atmosphere: 12 years

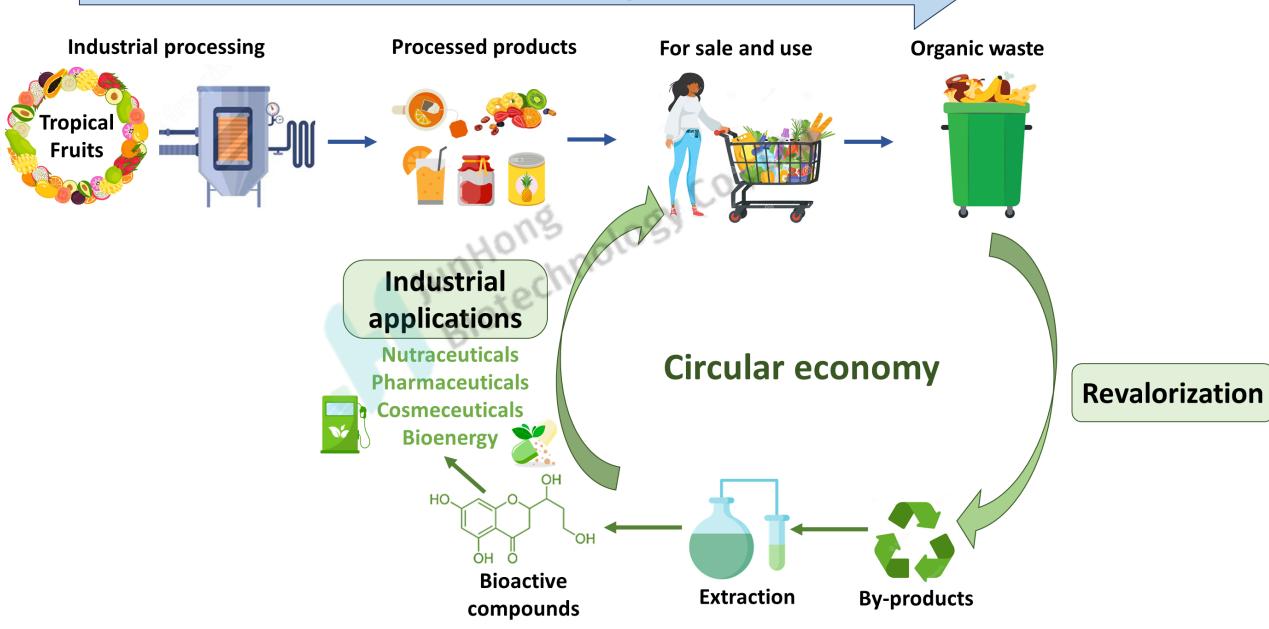
Global Warming Potential (100-year):

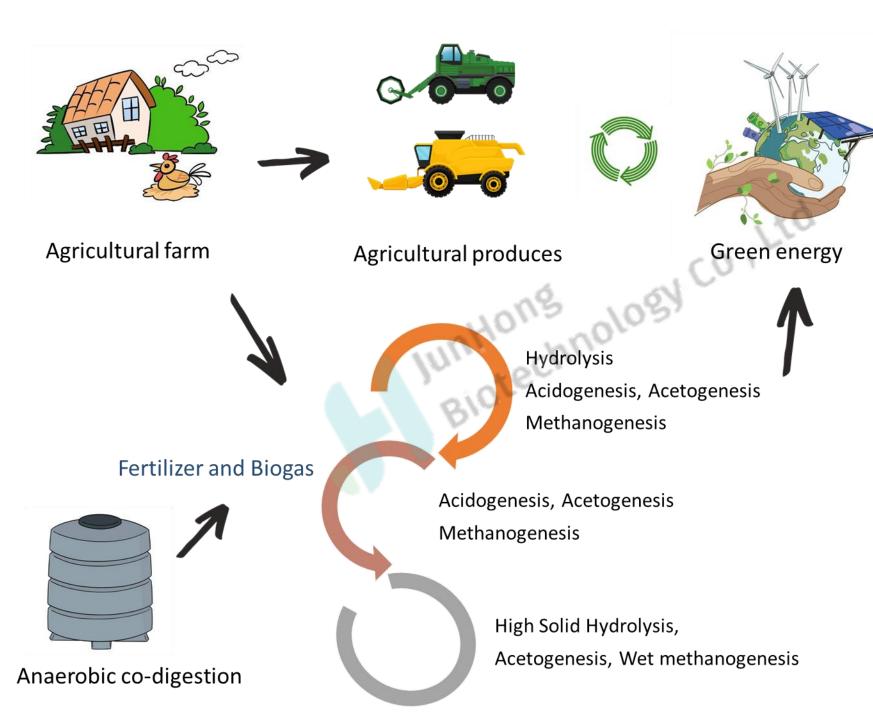
28¹

Methane's lifetime in the atmosphere is much shorter than carbon dioxide (CO_2), but CH_4 is more efficient at trapping radiation than CO_2 . Pound for pound, the comparative impact of CH_4 is 28 times greater than CO_2 over a 100-year period



Linear economy







various applications

Utilization of Green energy in

Circular bioeconomy

Metabolites

Organic acids, ethanol, CO_2 , H_2O_2

Antimicrobials: bacteriocins((e.g. nisin), reuterin, reuterocycline

Acetaldehyde, diacetyl, acetoin

Peptides, amino acids, fatty acids

Polyols

Vitamins: B12, folate

Phenolic acids and phenolic aglycones

Exopolysaccharides (glucans, fructans)

Functionality

Applications

Safety and stability



Fermented foods

Yoghurt, cheese, Sourdough bread Sausage, kimchi





Food ingredients

Bacteriocins, Organic acids, dextran



surface, properties

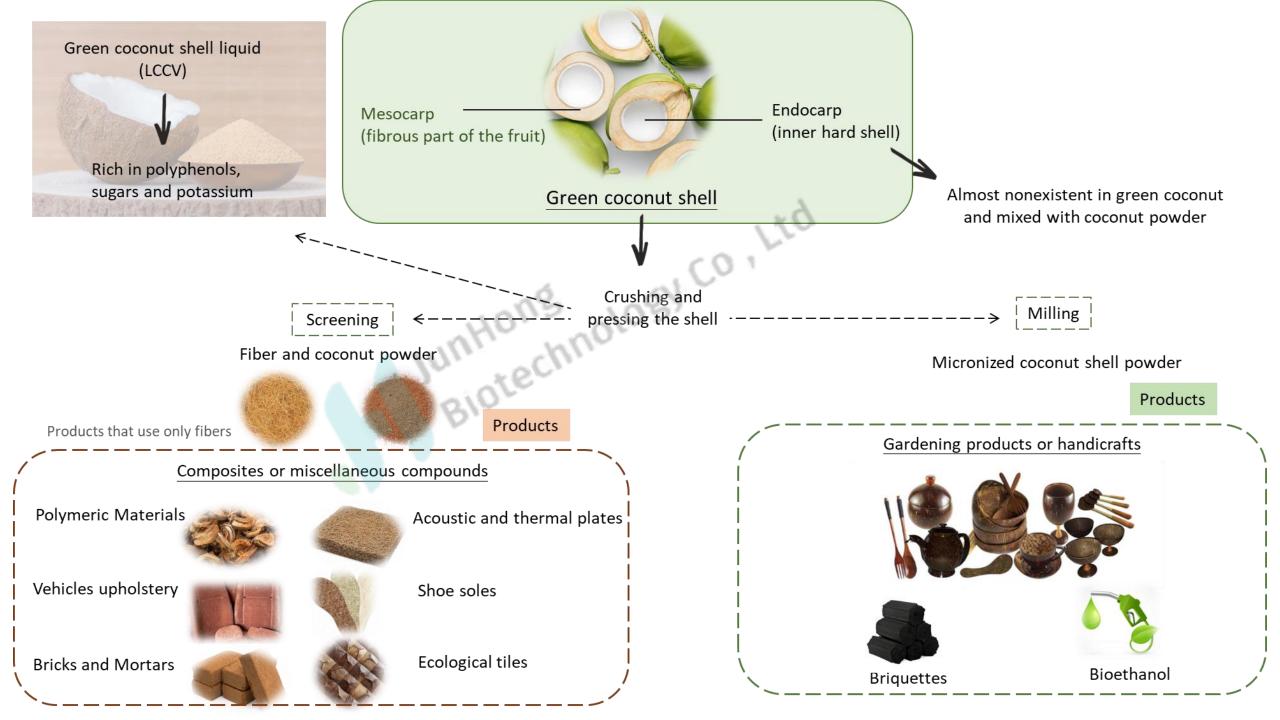
Nutraceuticals

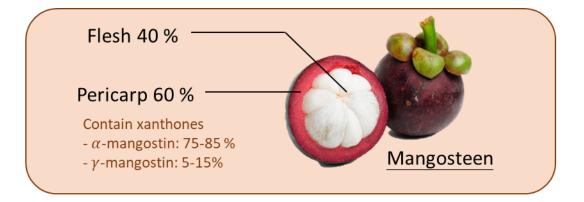
Vitamins, probiotics, peptides









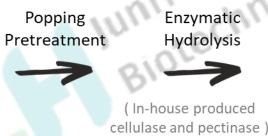




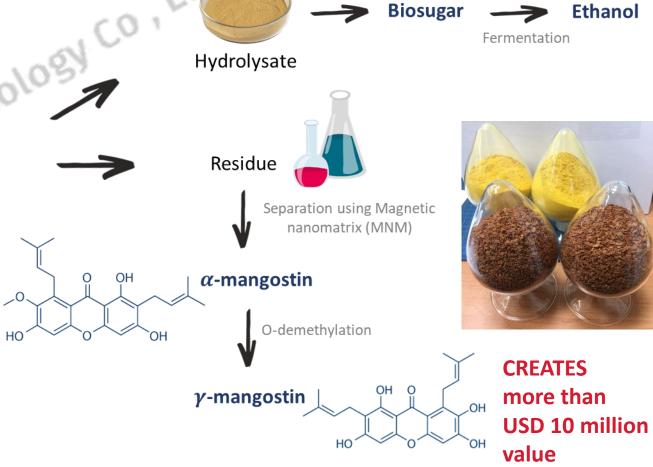
Ethanol



Mangosteen Pericarp Waste (MPW)







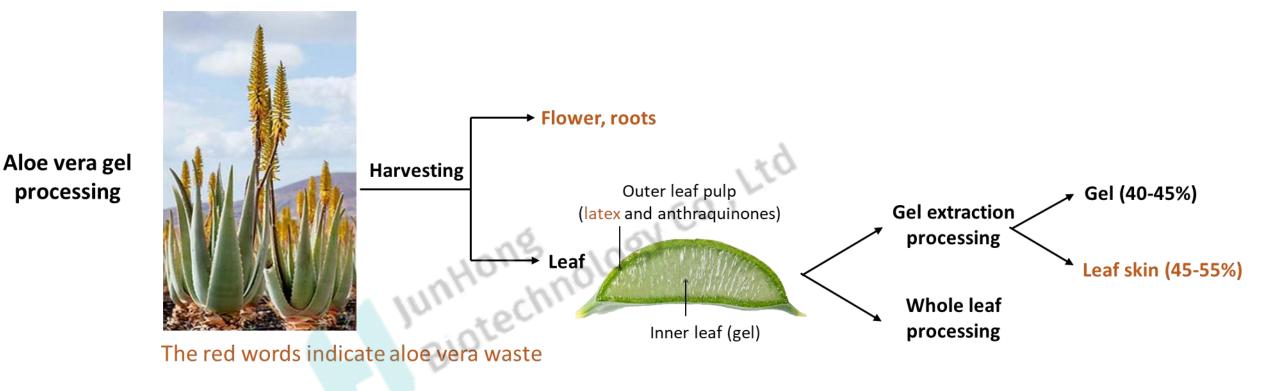
Application

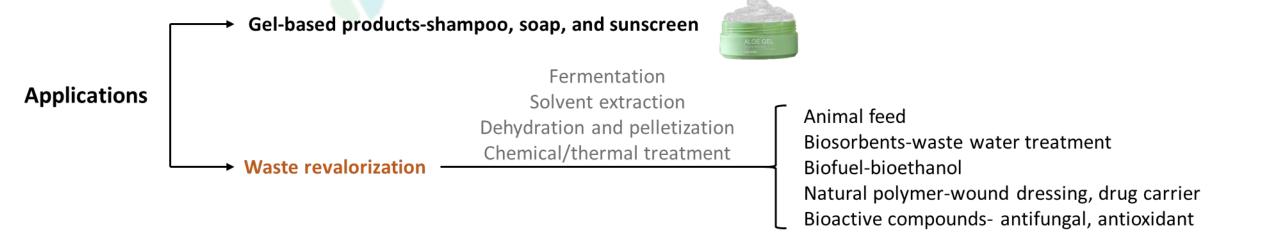




Skin Care Series

Aloe vera gel processing facility could generate up to 4000 kg of Aloe vera waste per month.







Thank you!