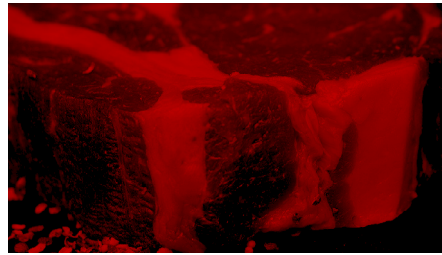


NOVONUTRIENTS' TECH ATTACKS TWO GIANT PROBLEMS, SERVES TWO IMMENSE MARKETS



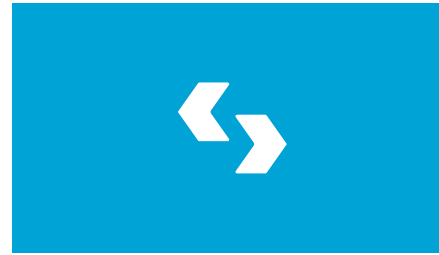
**CO2E 38B
TONS**

emissions, 2020



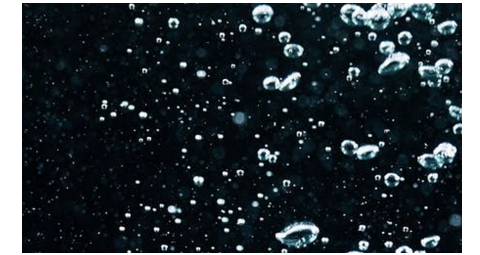
**PROTEIN 50%
DEMAND
INCREASE**

2050



**PRIMARILY
\$500B
WITHIN
PROTEIN**

alternative protein, pet food, and aquaculture feed, 2030 – direct revenue



**SECONDARILY
\$200B CCU**

carbon capture utilization, 2030 – reduced cost of capital for projects

NOVONUTRIENTS

**CO2 &
HYDROGEN**



1.8T CO2

**GAS FERMENTATION
TECHNOLOGY**

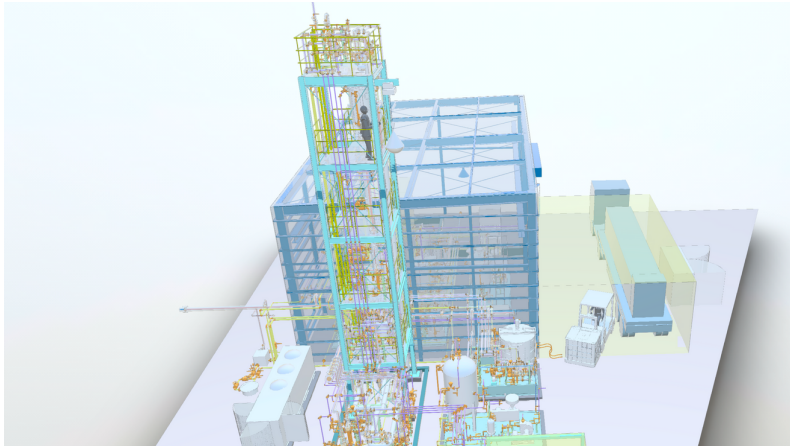


1T protein

**PROTEIN
INGREDIENTS**



**MAKERS OF
FEED & FOOD**



CAPTURE MEGATONS OF CO2 ANNUALLY. MAKE BEEF-QUALITY PROTEIN INGREDIENTS AT SOY COST. GLOBAL SCALE, CARBON NEGATIVE PROTEIN PRODUCTION VIA GAS FERMENTATION IS ESSENTIAL, INEVITABLE, AND WILL BE PROFITABLE.

BEST TEAM TO BRING OUR TECHNOLOGY FROM PILOT TO COMMERCIAL SCALE

Assembled top, senior people across gas fermentation, biology, and chemical engineering – from companies listed below, Amyris, and more

CEO



David Tze



portfolio raised \$200M

CTO



Joachim "Jo" Ritter

PhD



Zymergen: VP Research & Technology

SVP PARTNERSHIPS



Kumiko Yoshinari

PhD



IFC: managed \$2B+ project finance

SVP BIOLOGY



Kedar Patel

PhD



built and managed synthetic biology platform team (~10% of staff)

VP ENGINEERING



Satish Lakhapatri

PhD



managed engineering-construction of first commercial plant

TECHNICAL DIRECTOR, FOOD



Bhupendra Soni

PhD



brought fermentation protein product from concept, to regulatory approval (commercialized)

NOVONUTRIENTS' GLOBAL TRACTION



DEMO ENGINEERING & LAB PILOT

(imminent expansion of current engagement), confidential multinational oil & gas co., fees convertible to equity



FIRST LICENSE

confidential quicklime co., Japan



MOU WITH TOP JAPANESE CONGLOMERATE

for plant funding and non-exclusive sales channel



TESTING PROGRAM

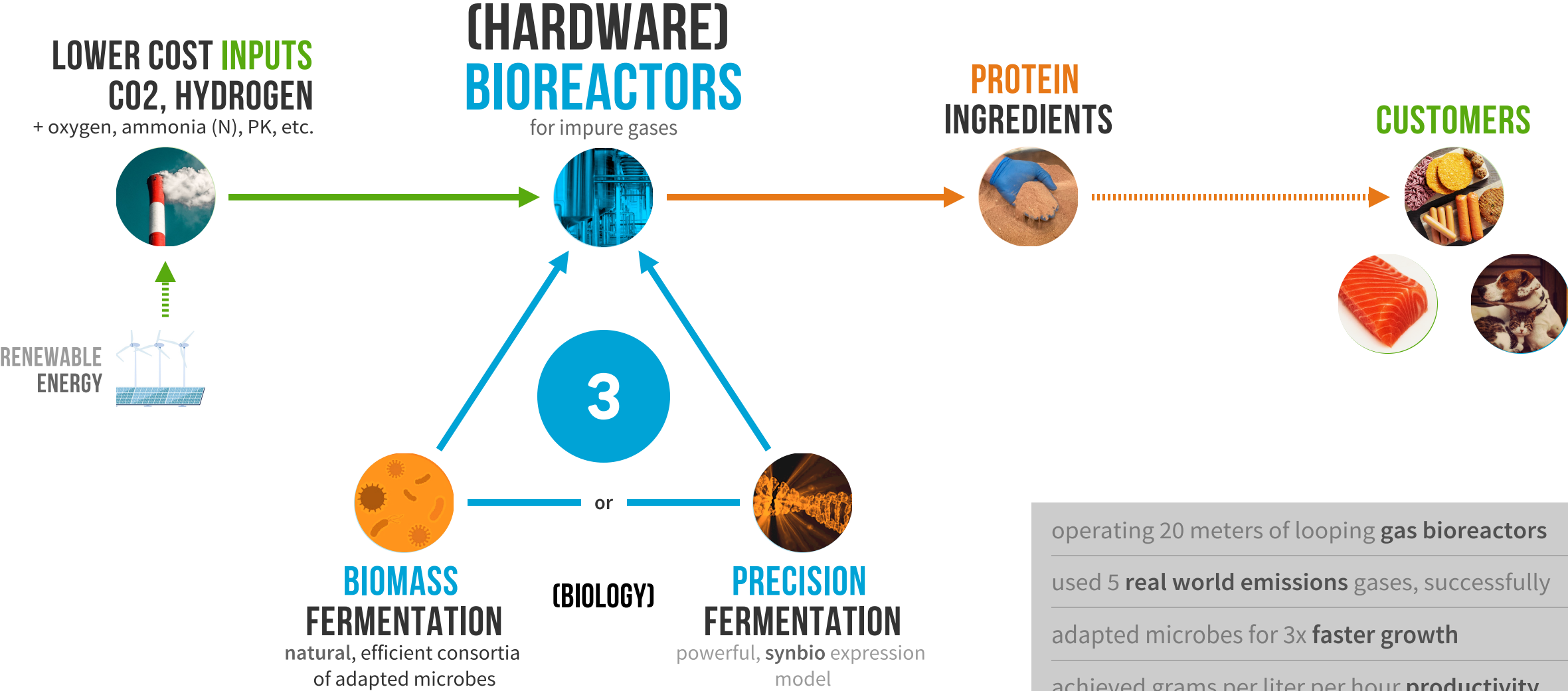
w/ confidential food / feed co., Asia



COOPERATIVE AGREEMENT

(publicized) towards off take, Skretting subsidiary, Norway

NOVONUTRIENTS' 3 ADVANTAGED TECHNOLOGIES



operating 20 meters of looping gas bioreactors

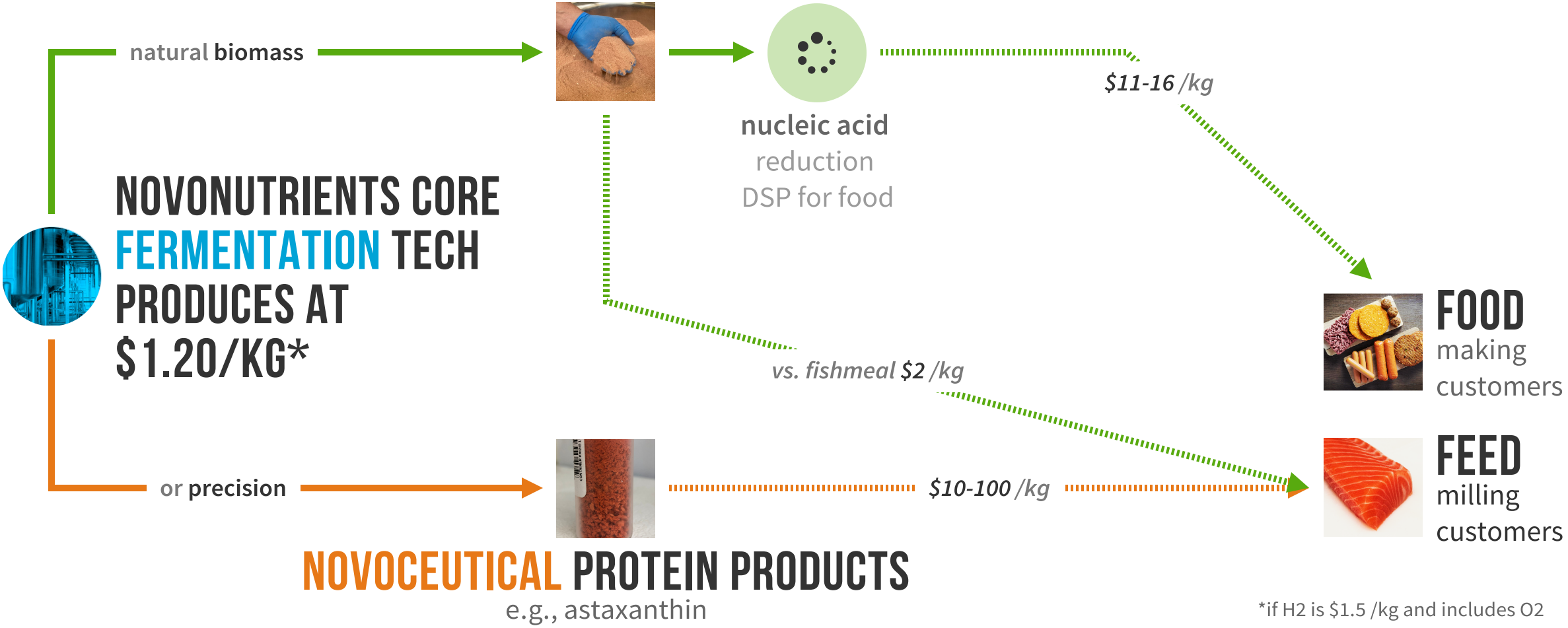
used 5 real world emissions gases, successfully

adapted microbes for 3x faster growth

achieved grams per liter per hour productivity

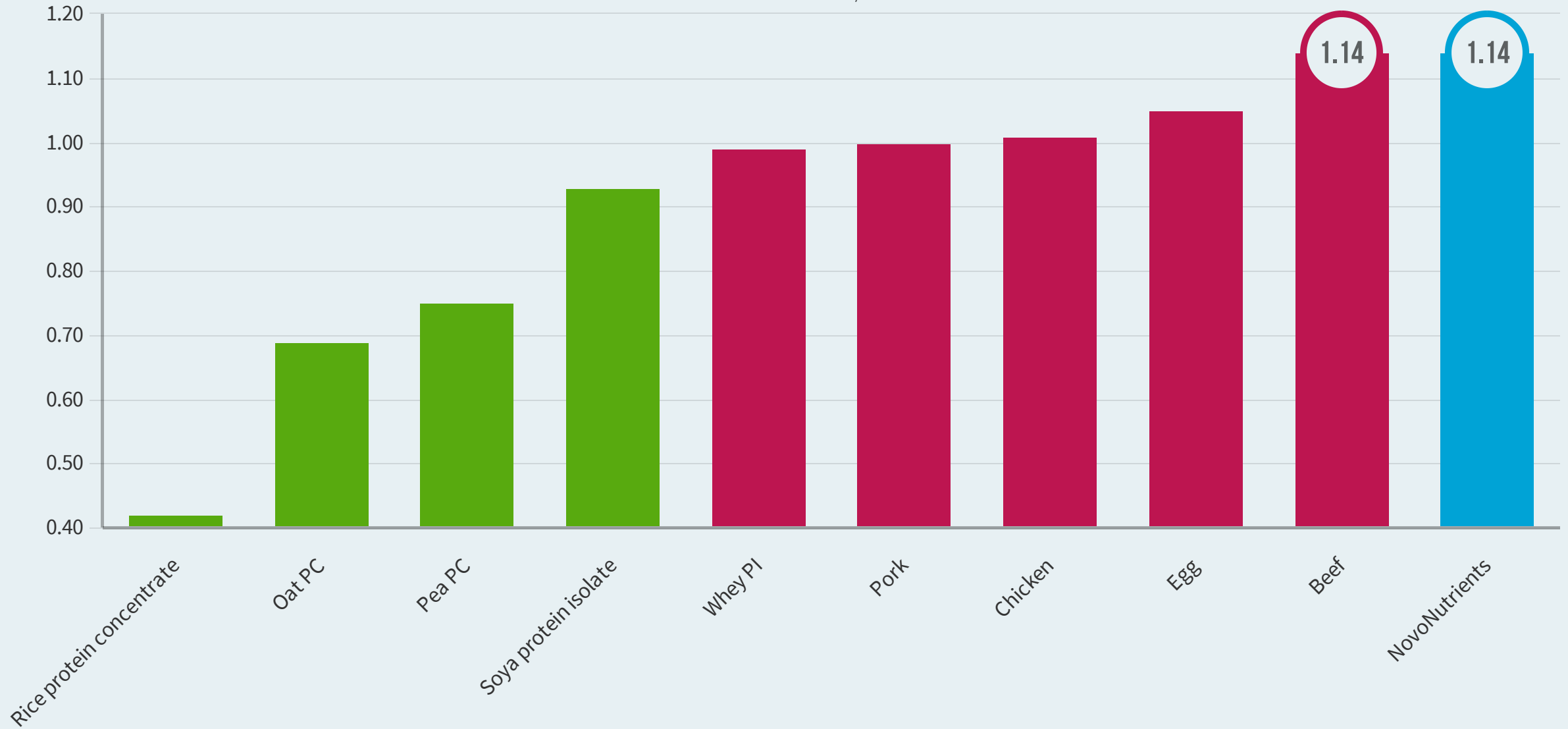
ONE PLATFORM, TWO STRONG PRODUCT LINES

NOVONUTRIENTS PROTEIN CONCENTRATE PRODUCTS



NOVONUTRIENTS HAS SUPERIOR PROTEIN QUALITY.

UNTRUNCATED PDCAAS, AGES 3+



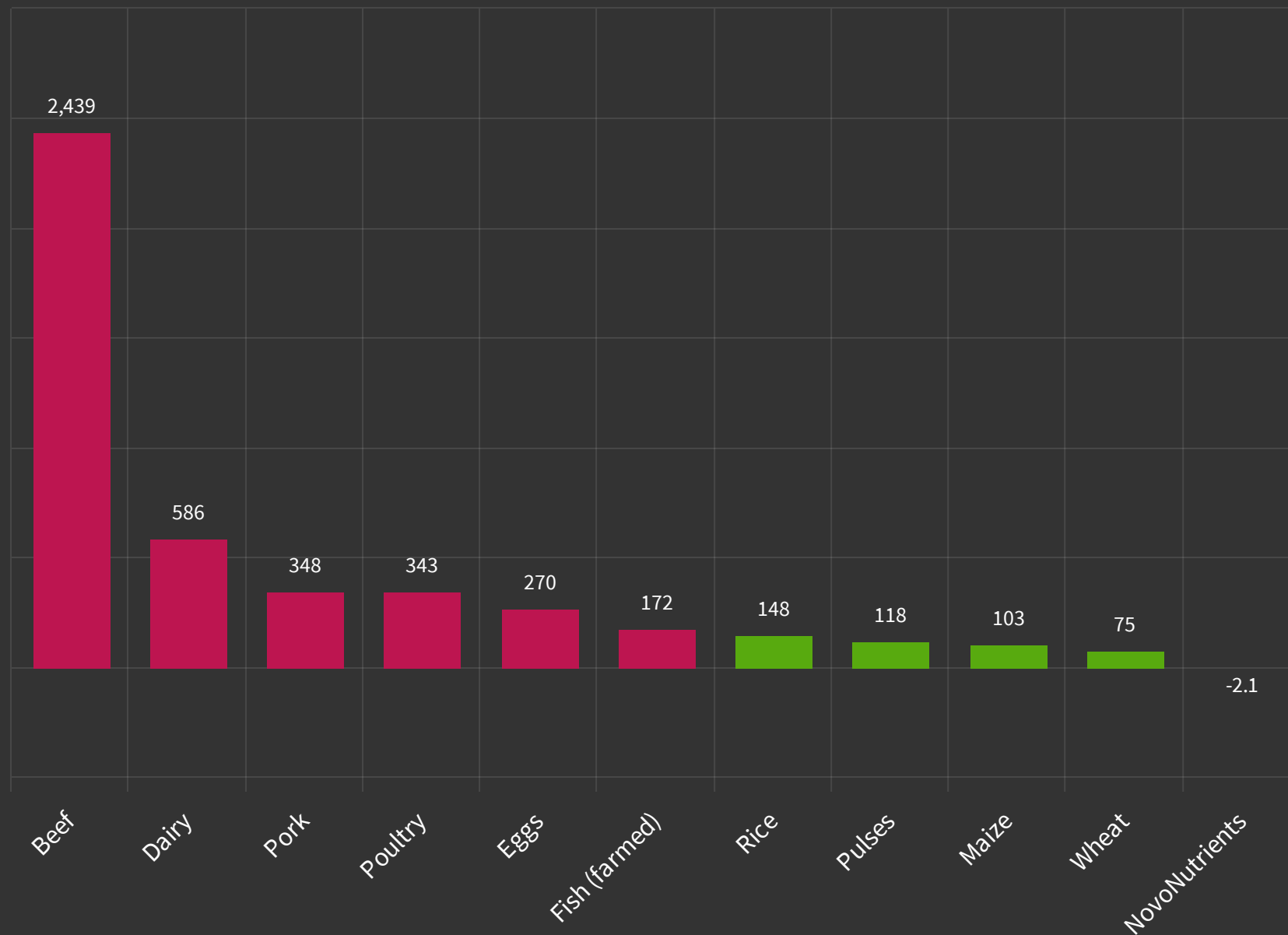
NOVONUTRIENTS' CARBON FOOTPRINT BETTER THAN PLANTS'

NEGATIVE

2.1

tons CO₂e per ton protein*

WITH LESS THAN 1% OF SOY'S WATER AND LAND USE



* when hydrogen is generated by electrolysis with renewable energy (low carbon scenario) IPCC, 2014



NOVONUTRIENTS IS AT THE CENTER OF HIGH VALUE CATEGORIES,

NOW RAISING FUNDS TO PILOT & DEMO

with distinctive value proposition and IP

