

Dr. Dung Viet Le: Head of Aquaculture Department, Faculty of Fisheries, Vietnam National University of Agriculture. Dr Le Viet has vast exposures in Gaussian processes, aquaculture, biofuel, bioreactors and has numerous publications and popular articles in the field of aquaculture.



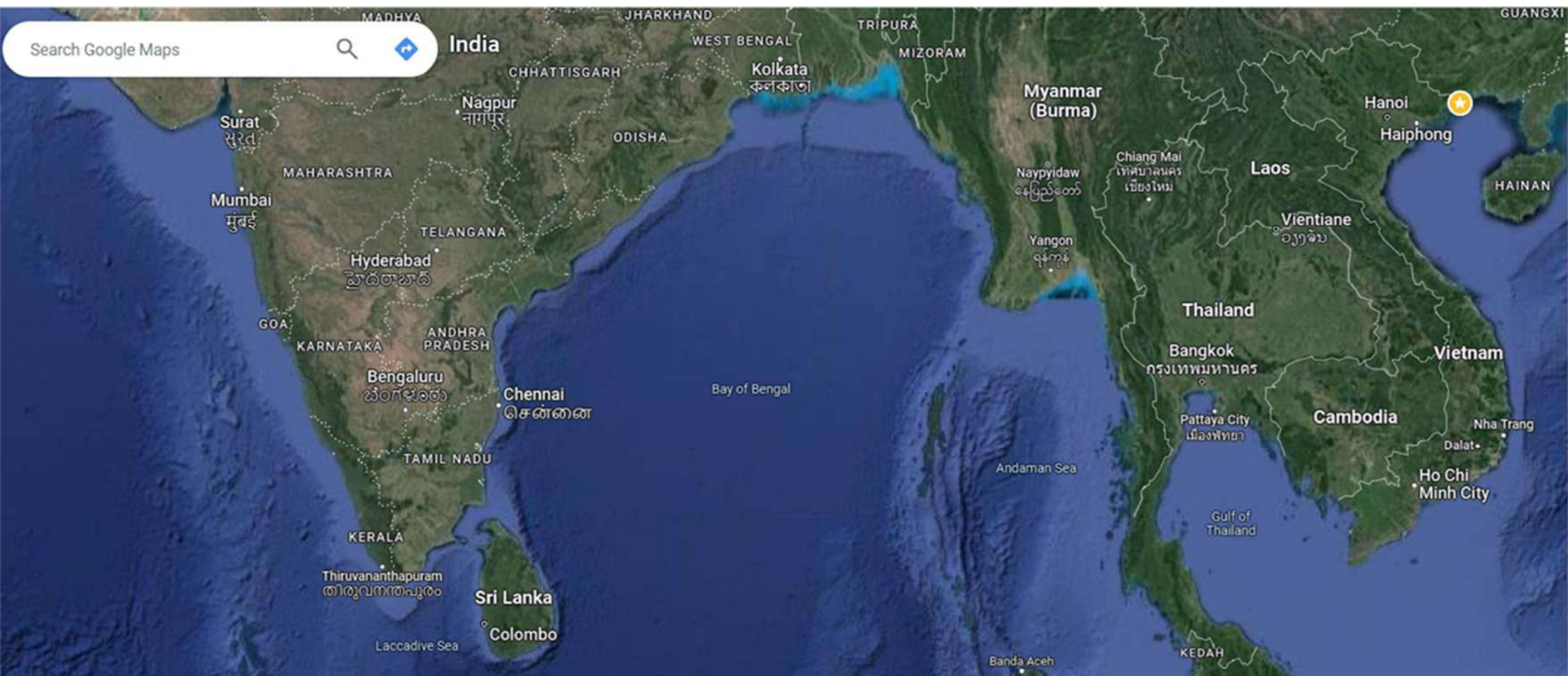
KEY AQUACULTURE MODELS IN VIETNAM

Dr. Dung Viet Le

Head of Aquaculture Department, Faculty of Fisheries

Vietnam National University of Agriculture





KERALA – MEKONG DELTA



Maldives

Google

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Restaurants

Hotels

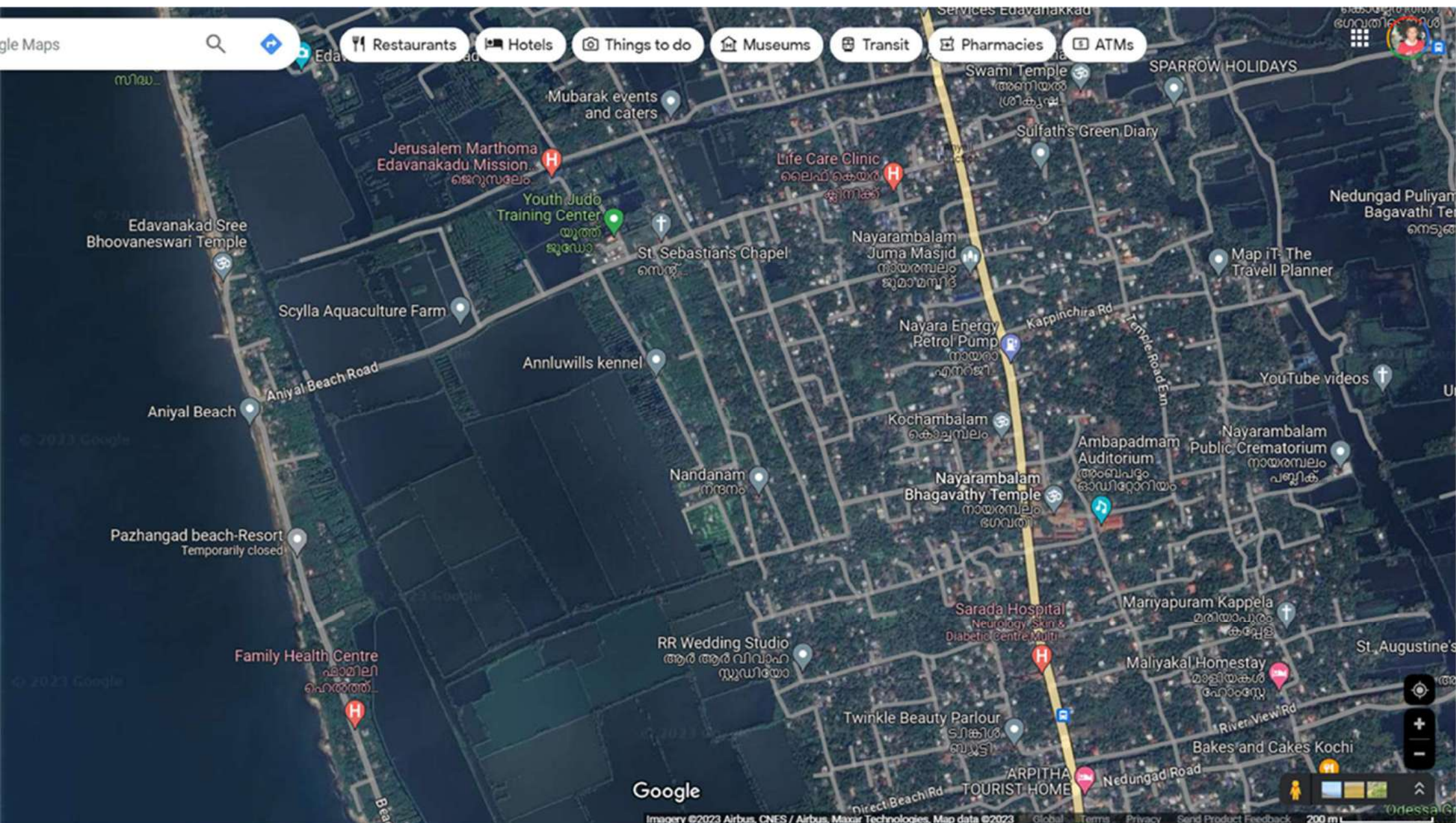
Things to do

Museums

Transit

Pharmacies

ATMs



Google

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Ordesa

Nuôi Tôm Sú Công Nghiệp Mật Độ Thưa, Hướng Đi Mới Hiệu Quả Kinh Tế Cao - Tôm Giống Gia Hóa Bình Minh

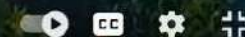


AERIAL FARM VIEW – MEKONG DELTA

Phát huy thế mạnh về kinh tế biển

▶ ▶ 🔊 0:13 / 6:33

Scroll for details
▼





Nuôi Tôm Sú Công Nghiệp Mật Độ Thưa, Hướng Đi Mới Hiệu Quả Kinh Tế Cao - Tôm Giống Gia Hóa Bình Minh



3 Ao Diện Tích 10 Hecta
Chia Điều Mỗi Ao 3.3 Hecta

EXTENSIVE TIGER SHRIMP CULTURE

phát triển của tôm như thế nào vậy cô ?

Nuôi tôm quảng canh - thích ứng môi trường tự nhiên | Thủy sản hội nhập - 27/10/2022 | THĐT



TIGER SHRIMP – MANGROVE ORGANIC CULTURE

▶ ▶ 🔊 4:11 / 11:44



<https://minhphu.com/en/home/>



Nuôi tôm quảng canh - thích ứng môi trường tự nhiên | Thủy sản hội nhập - 27/10/2022 | THDT



NURSERY PHASE

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Crab culture



IoT in SHRIMP FARMING



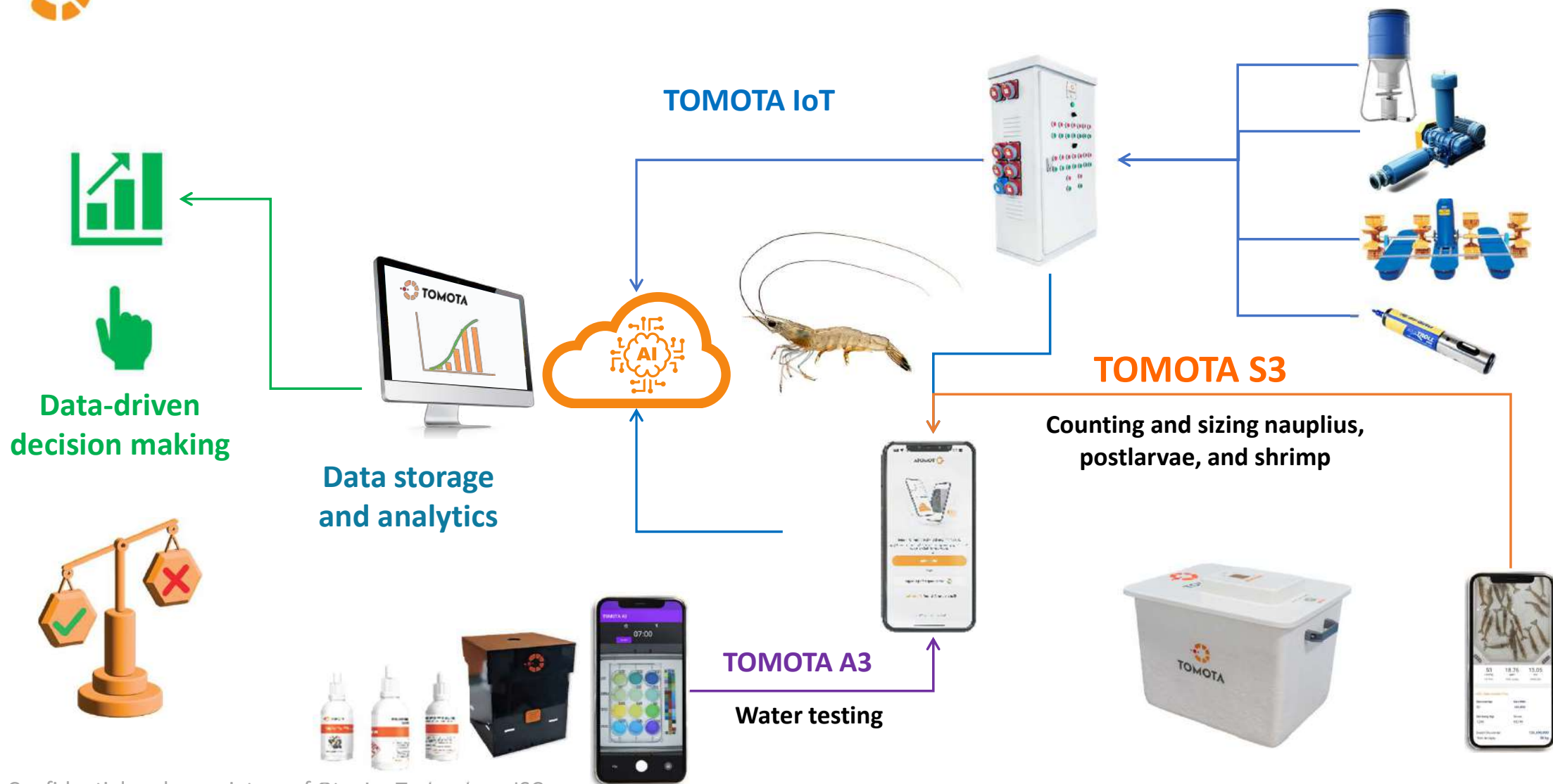
Tôm + OTA
朋 (Japanese)
Friend
Bằng hữu

<https://tomota.vn/en>





Accurate data acquisition and decision making in shrimp farming





TOMOTA system in action

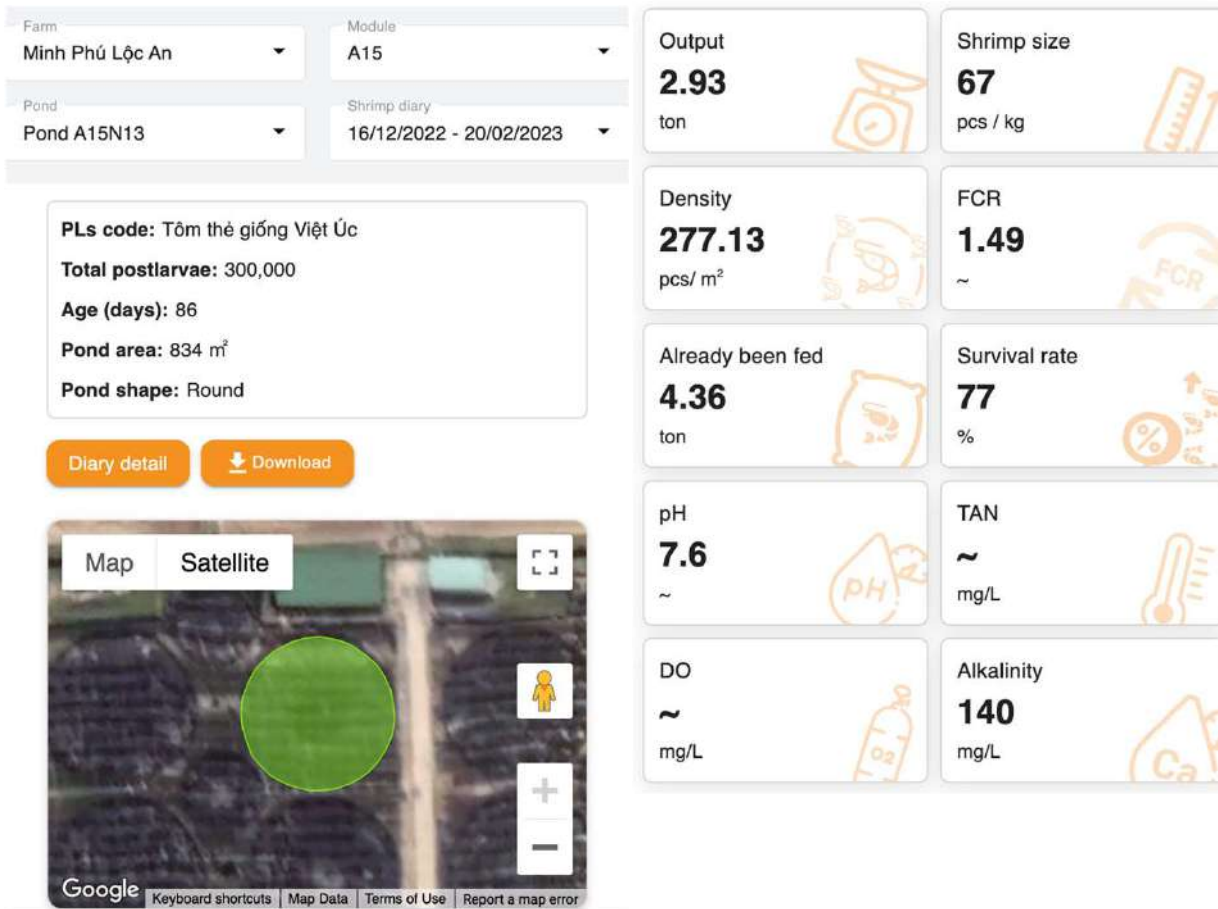
Tomota Rooms

- ❑ Real time monitoring with just 4 staff instead of hundreds of workers taking night shifts
- ❑ Improving workers' performance by 30%
- ❑ Instant detection of instrument failure:
> 300 cases/month including 50 critical airblower errors

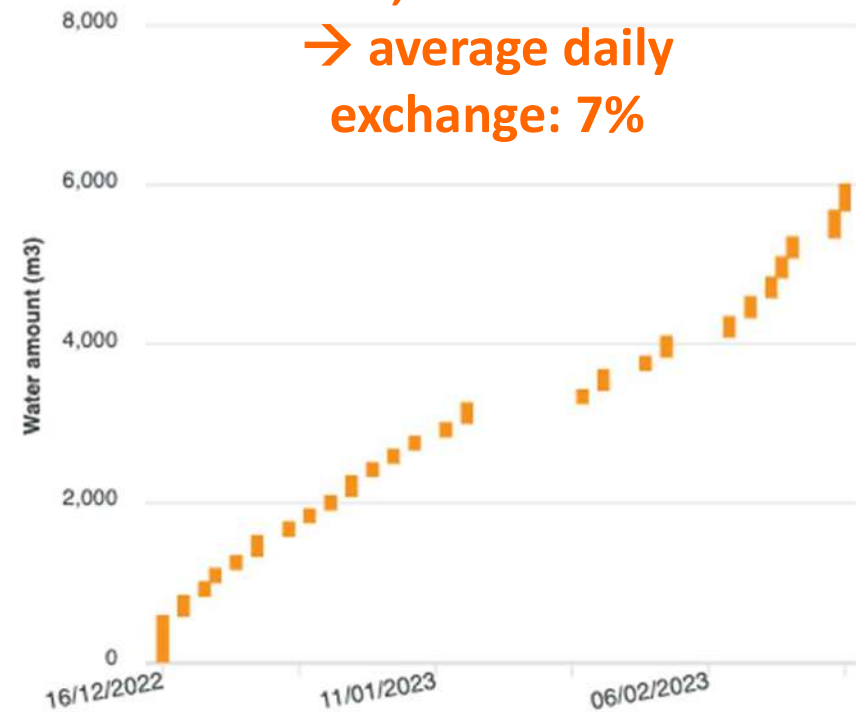
Confidential and proprietary of Otanics Technology JSC



Reducing water usage with Tomota A3



Total used water:
6,004.8 m³
→ average daily
exchange: 7%



Confidential and proprietary of Otanics Technology JSC

Marine fish culture



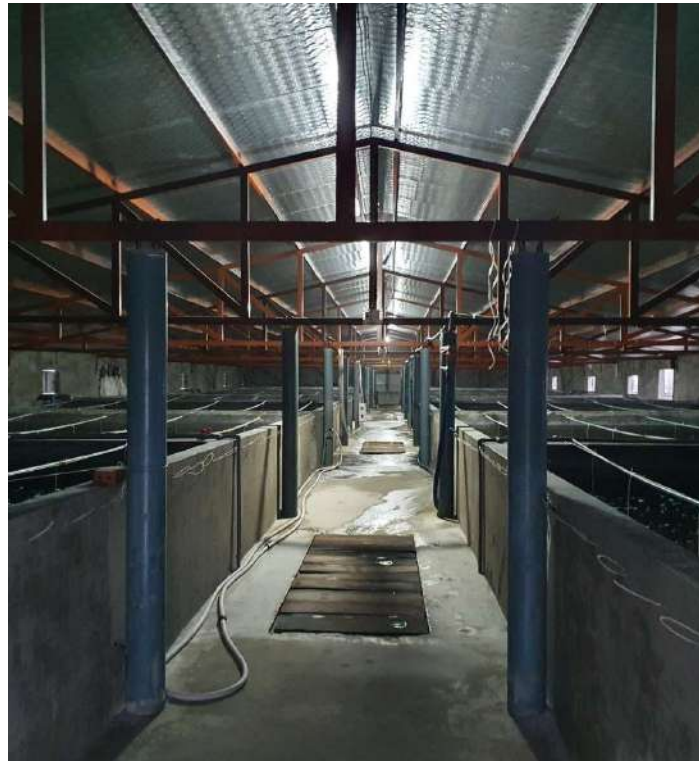


COBIA HATCHERY





Oyster
culture



OYSTER HATCHERY

CLAM CULTURE





TILAPIA CAGE CULTURE







TILAPIA POND CULTURE







Pangasius aquaculture

discreet & isolated island
for uncontrolled nature



Pangasius industry



VET & PROBIOTIC COMPANIES

4 CÔNG NGHỆ CỐT LÕI TRONG SẢN XUẤT VI SINH BẢN ĐỊA

CÔNG BẢO QUẢN VSV
Ở NHIỆT ĐỘ -86°C



CÔNG NGHỆ LÊN MEN
VI SINH TỰ ĐỘNG



CÔNG NGHỆ LỌC TIẾP TUYẾN
VI SINH TỰ ĐỘNG



CÔNG NGHỆ ĐÔNG KHÔ VS
Ở NHIỆT ĐỘ -50°C

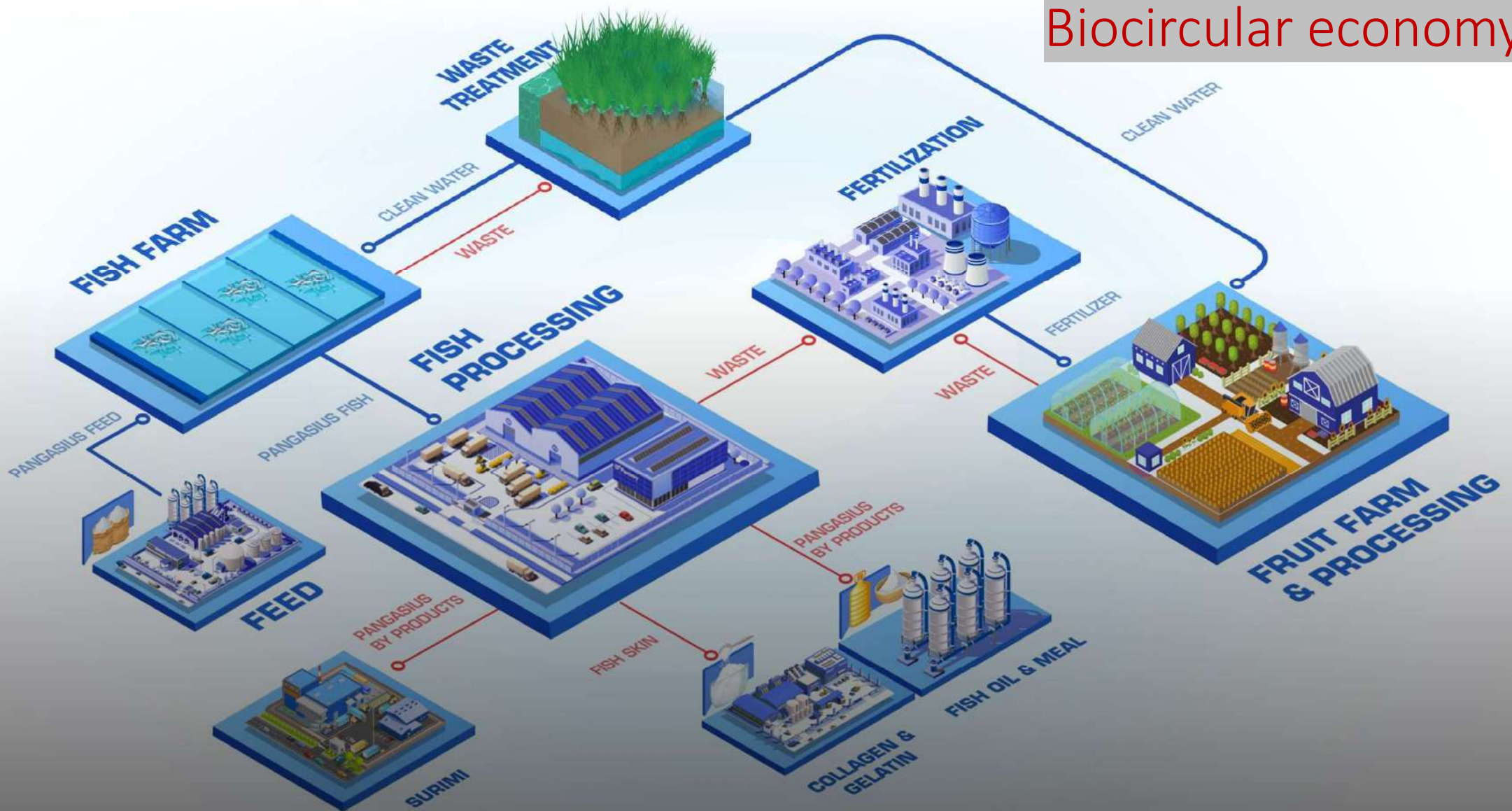


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🌐 www.biofloc.vn



Biocircular economy

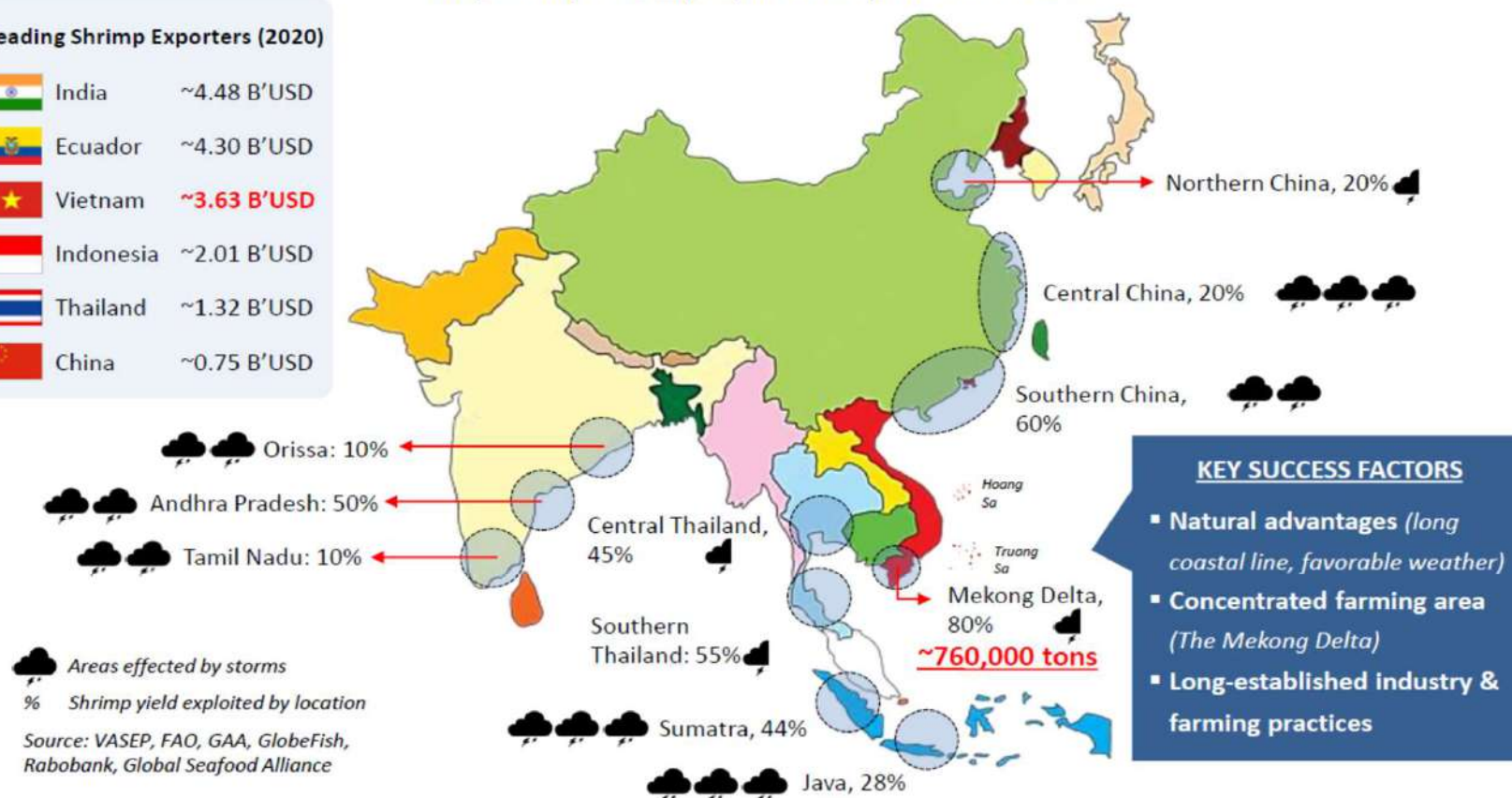


Vietnam's shrimp industry thrives as a leading sector globally, owing to favorable natural conditions and long-established practices.

Map of major shrimp aquaculture producers in ASIA


































Leading Shrimp Exporters (2020)

| | | |
|---|-----------|--------------------|
|  | India | ~4.48 B'USD |
|  | Ecuador | ~4.30 B'USD |
|  | Vietnam | ~3.63 B'USD |
|  | Indonesia | ~2.01 B'USD |
|  | Thailand | ~1.32 B'USD |
|  | China | ~0.75 B'USD |



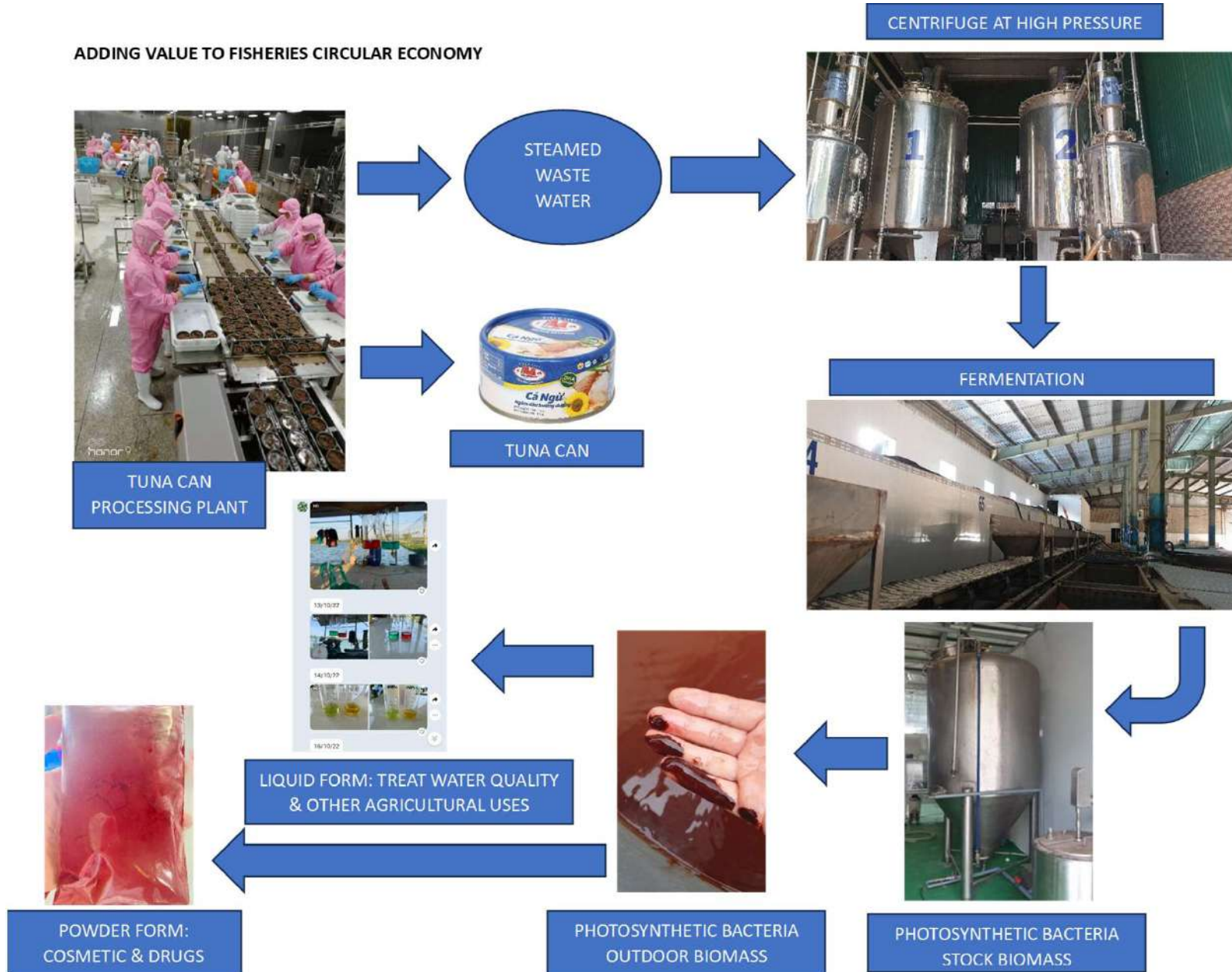
With strong support from the government, Vietnam's shrimp industry will continue to grow sustainably.

As a result, VNF has successfully mass-commercialized a unique & comprehensive product portfolio, all stemming from a single shrimp head.

| | FOOD INGREDIENTS | BIONUTRIENTS | BIOPOLYMERS | ASTAXANTHIN |
|--------------|--|---|--|--|
| KEY PRODUCTS | Key products: Shrimp Ingredients  <ul style="list-style-type: none"> Natural, authentic, nutrient-rich shrimp ingredients for the food industry | Key products: Peptides  <ul style="list-style-type: none"> Palatable, highly digestible and health-beneficial shrimp-based peptides | Key products: Chitosan & derivatives  <ul style="list-style-type: none"> Biofriendly, biodegradable & antibacterial polymer from shrimp shells with unlimited potentials | Key products: Astaxanthin  <ul style="list-style-type: none"> A carotenoid of pinkish red pigment, considered King of antioxidants |
| APPLICATION |  Seasoning  Sauces  Noodles  Snacks  Surimi  Bakery |  Livestock & Poultry  Aqua  Pets  Plant  Micro-organism  Human |  Plant  Animal  Pet  Pharma  Bioplastic  Food |  Livestock & Poultry  Aqua  Pet  Nutraceutical  Cosmetics  Food |
| POSITIONING |  PIONEER in producing Food ingredients from shrimp by-products.  Winner of 2019 Fi: "Future of nutrition" |  Amongst GLOBAL LEADERS of Seafood Protein Hydrolysate |  Amongst GLOBAL LEADERS in Chitosan production |  FIRST MOVER in mass-producing shrimp-based Astaxanthin |

Note:  FUTURE DEVELOPMENT

ADDING VALUE TO FISHERIES CIRCULAR ECONOMY

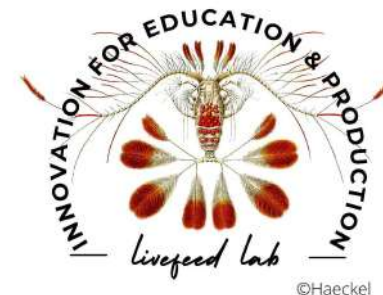




THANK YOU & BON APPÉTTI

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