



AUS4INNOVATION

Innovation for Sustainable Development of the Mekong Delta

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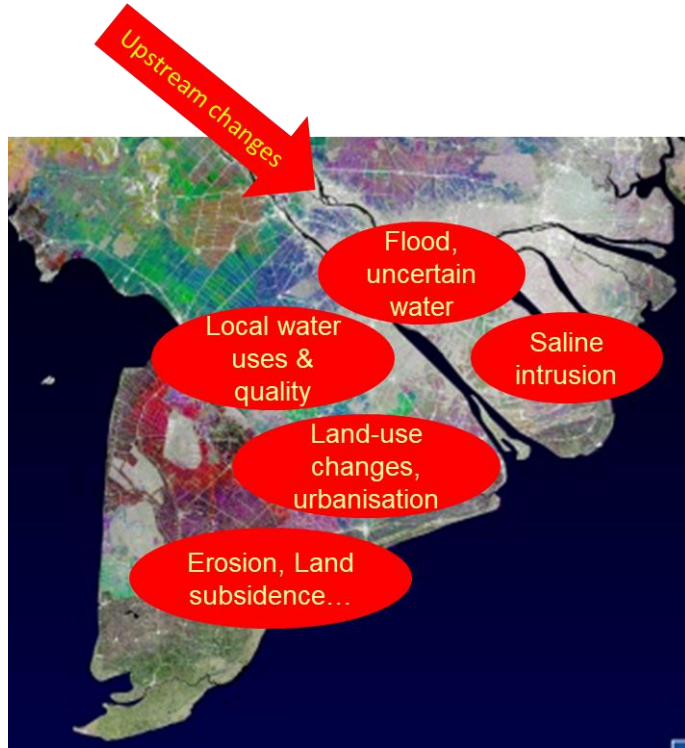
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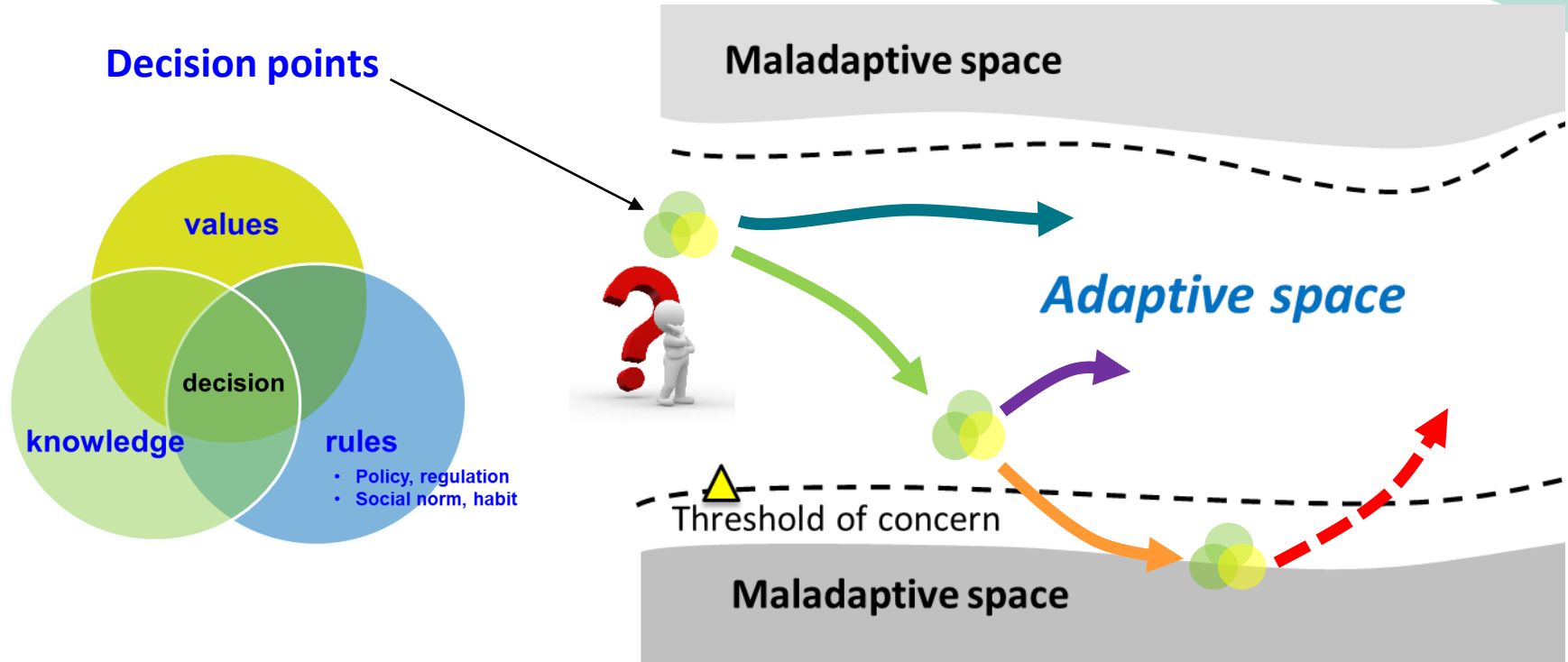
Sustainable development for the MD



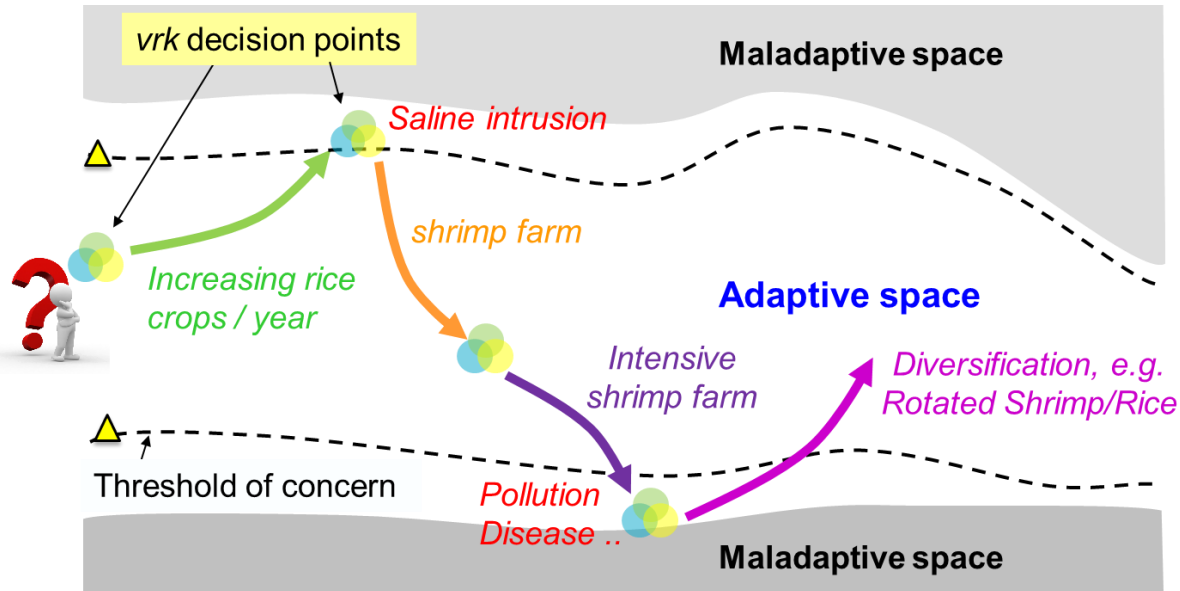
SUSTAINABLE DEVELOPMENT GOALS



Adaptation Pathways and Decision context

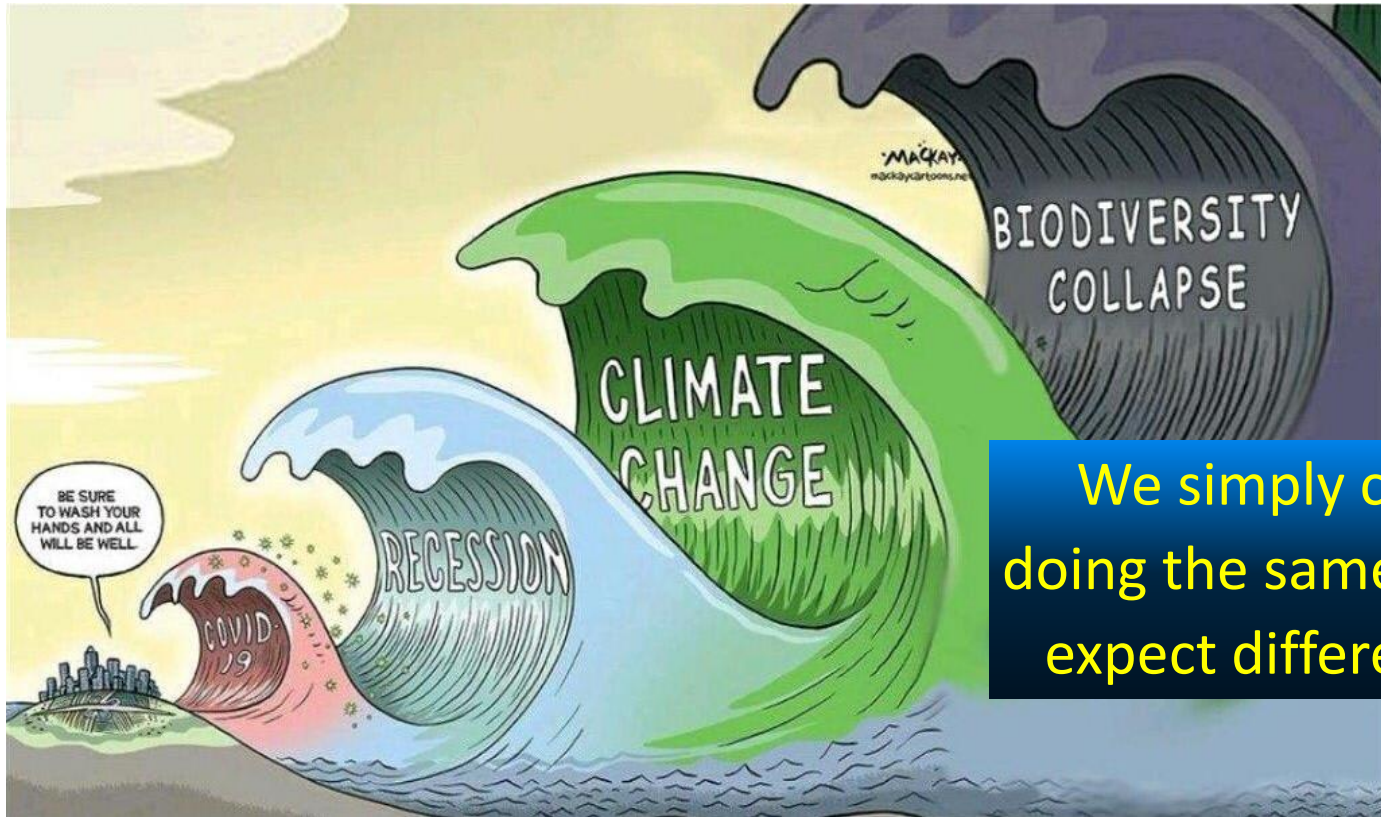


Example: Aquaculture Transformations in the VMD



- Innovative transformations happened as part of the Mekong Delta development
- It took quite a long time (>10 years) for a transformation to happen!

However, we are in the fast-changing world



We simply can't keep doing the same things and expect different results

We need smarter ways

To do things differently and efficiently to accelerate changes/transformation

- **Innovation:** introducing ideas that bring benefits – *not only new technologies but also new ways/approaches*
- **Collaboration:** is a key to innovation, *combines diverse perspectives, skills, and experiences to create something greater than the sum of its parts* – **Integration**



CTU-CSIRO Partnership

- Under Aus4Innovation program of Australia DFAT in collaboration with Vietnam MoST. Stage 1: 2018 - 2023. Stage 2: 2023 – 2028.
- Support CTU in developing innovation capacity via:
 - ✓ Science commercialisation
 - ✓ Industry engagement and technology transfers
 - ✓ Innovation cluster for community development
 - ✓ Institutional transformation

with a focus on Agriculture and Food, the key sector of the Mekong Delta



Commercialisation PLUS Guide

GIẢI ĐOẠN A

Xây dựng nền tảng thương mại hóa và khám phá thị trường
(Chứng minh tiềm năng thương mại của kết quả nghiên cứu)

Bước 1:
Kiểm tra khả năng thương mại hóa

Bước 2:
Kiểm nghiệm thị trường

Bước 3:
Xem xét các quy định pháp lý

GIẢI ĐOẠN B

Xác định giá trị mang lại cho thị trường và xây dựng chiến lược ra mắt thị trường (Lên kế hoạch dựa kết quả nghiên cứu ra thị trường)

Bước 4:
Xác định giá trị

Bước 5:
Quyết định lộ trình TMH và xây dựng chiến lược

Bước 6:
Kiểm nghiệm chiến lược

GIẢI ĐOẠN C

Thực hiện và quản lý chiến lược
(Đưa kết quả nghiên cứu ra thị trường, quản lý tác động và mở rộng quy mô)

Bước 7:
Thực hiện chiến lược

Bước 8:
Quản lý mối quan hệ với các đối tác TMH

Bước 9:
Đánh giá tác động

- Three Phases, nine Steps
- 30+ tools with tips/advice
- Special focus: IP, technology transfer office, and more!

**Commercialisation is an efficient way to make
POSITIVE IMPACTS from S&T**

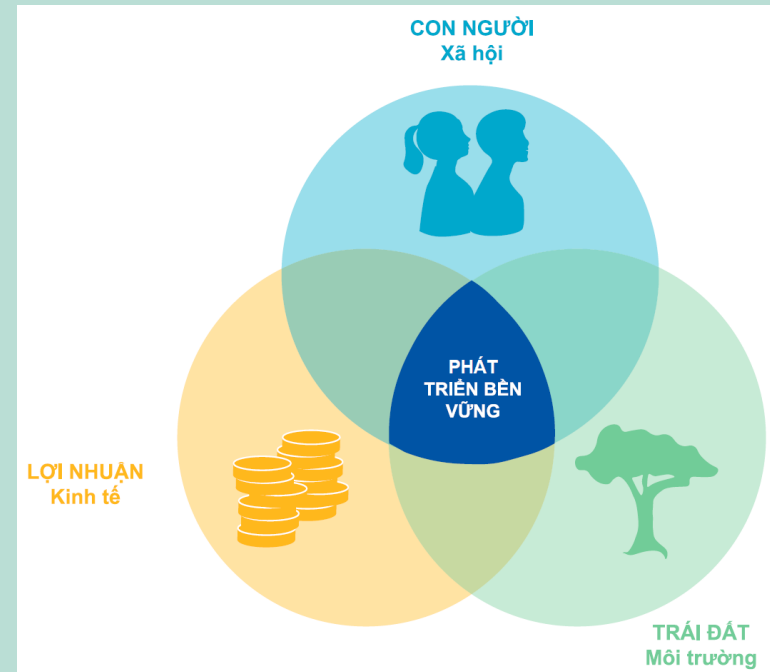


thuongmaihoaplus.org
commercialisationplus.org

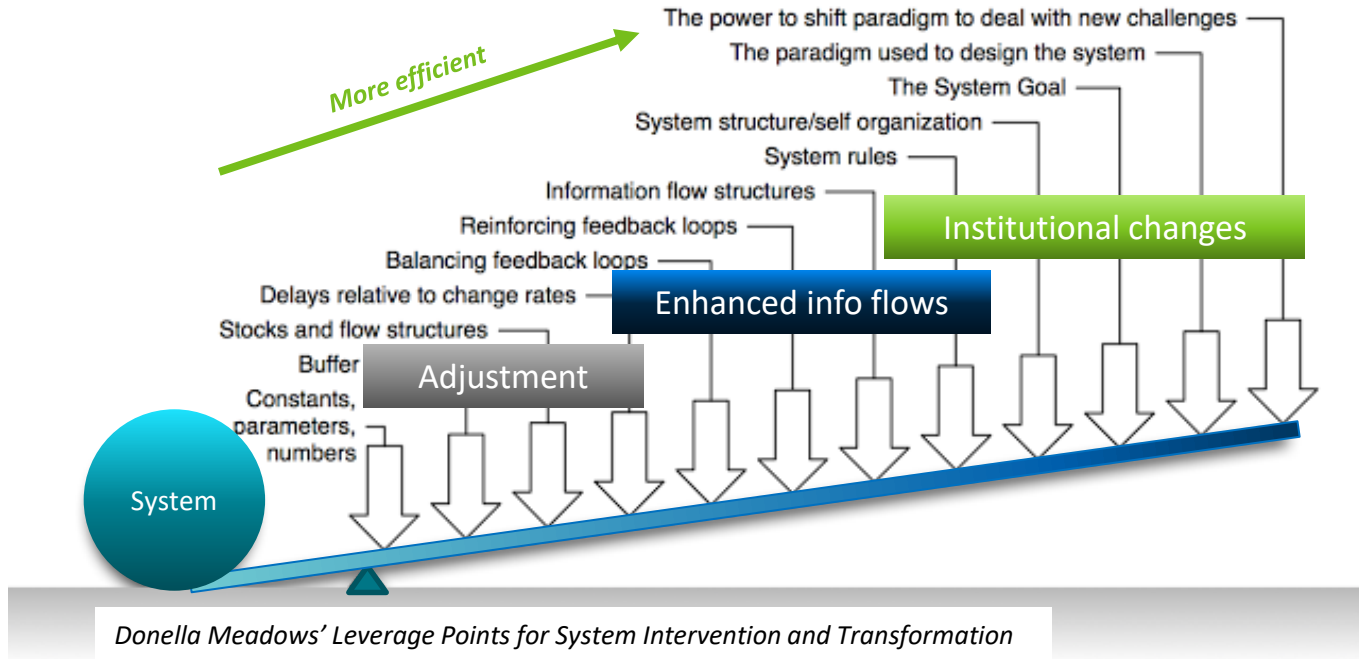
Why commercialisation?

**Commercialisation is an efficient way to make
POSITIVE IMPACTS from Science & Technology**

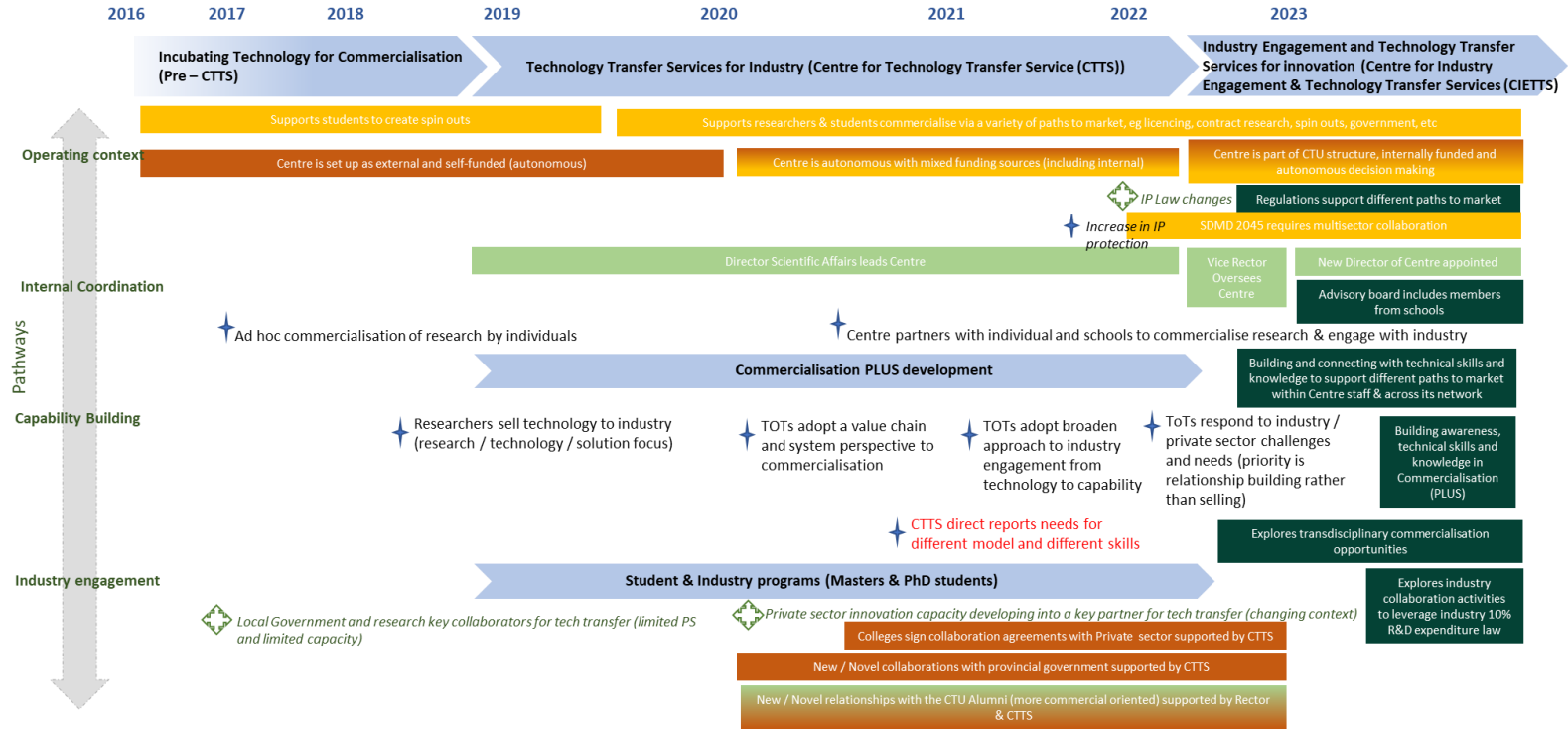
- World's trend of R&D funding
- Making the intended positive impacts from research – as promised!
- Financial return to sustain and enhance research for long term
- Researchers/lecturers to make more practical sense of their works
→ resulting in better lectures → better students & next generation
→ enhanced reputations.
- Facilitating cross-sector **collaboration for innovation** - catalysing to solve multi-disciplinary issues for **sustainable development**



System transformation

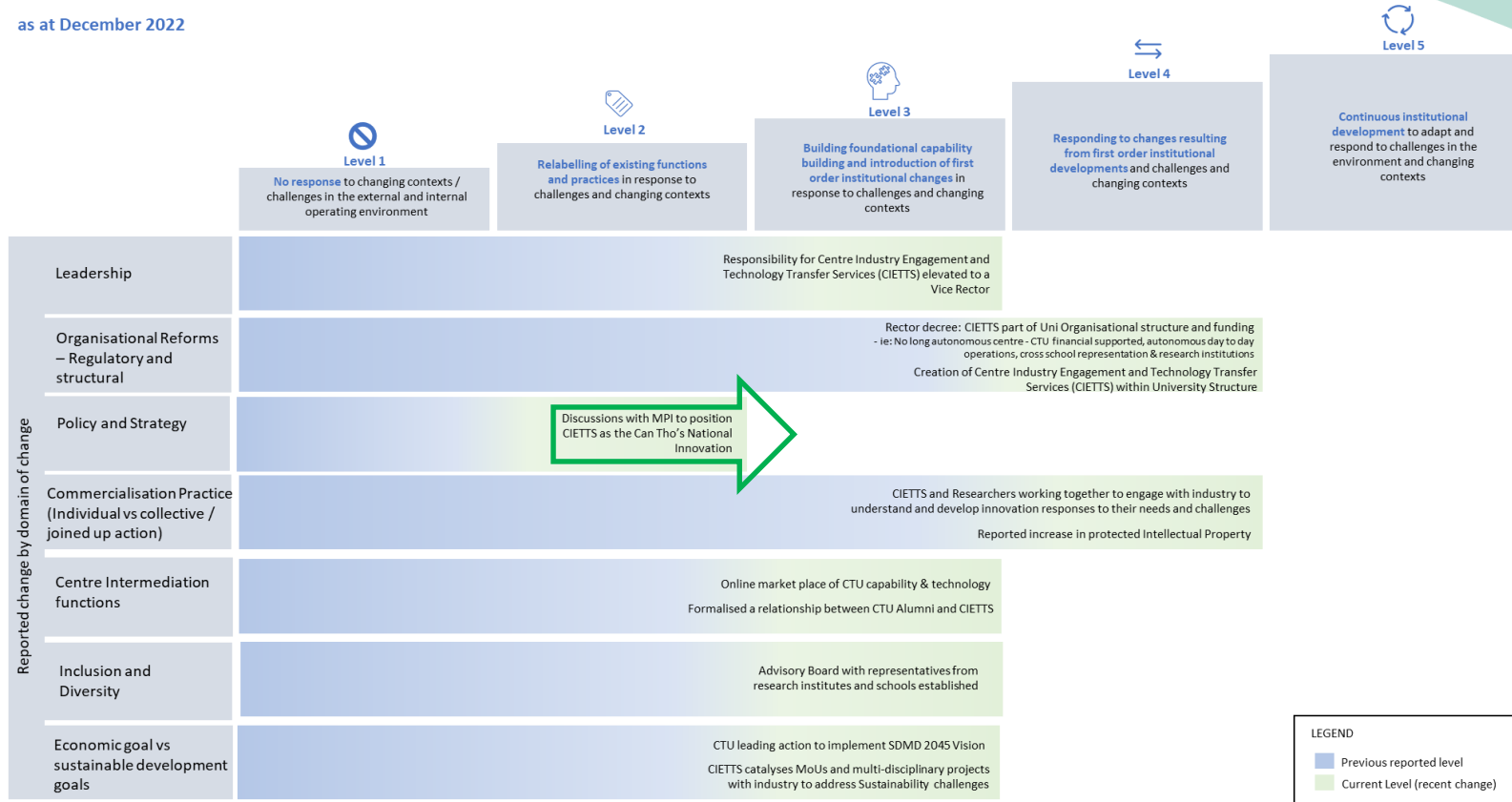


CTU Institutional change in industry engagement & commercialisation



Maturity of CTU Innovation Capacity

as at December 2022



MAIC

Mekong Aquaculture Innovation Cluster

Innovation 'playground' of >300 members for learning and sharing:

- Climate resilience
- Circular economy
- Digital transformation
- Aquaculture value chains and markets

Activities:

- Idea contests
- Field trips, talk shows
- Professionalising farmers
- Training young practitioners
- ...



The screenshot shows the MAIC website interface. At the top, there is a navigation bar with the logo 'PHÁT TRIỂN BỀN VỮNG ĐỒNG BẰNG SÔNG CỬU LONG' and various menu items like 'GIỚI THIỆU', 'VẤN ĐỀ', 'DIỄN ĐÀN', 'TOA ĐÀM', 'maic', 'HSMO', 'THÔNG TIN, TƯ VẤN', 'ĐỐI TÁC', and a language selector. Below the navigation bar is the MAIC logo and the text 'ĐỔI MỚI SÁNG TẠO TÔM MEKÔNG Mekong Aquaculture Innovation Cluster'. The main content area features a news article titled 'MAIC - DIỄN ĐÀN ĐỔI MỚI SÁNG TẠO TÔM MEKÔNG'. The article includes a photo of a group of people at a meeting and text in Vietnamese: 'HỘI THẢO NUÔI TÔM THE CHÂN TRẮNG SIÊU TỐI CỰC TRONG HỆ THỐNG THẢO HOÀN KẾT HỢP ĐÀ LƯỚI (CTU - RAS) Mô hình nuôi tôm sạch và thân thiện môi trường'. Below the photo, there is a caption: 'Dự án "Xây dựng tổ nhóm đổi mới sáng tạo trong nuôi thủy sản ĐBSCL", trong khuôn khổ Chương trình "Dự án Nông nghiệp và thực phẩm" gọi tắt là MAIC - RAF, do tổ chức Nghiên cứu Công nghiệp và Khoa học Khó khăn vùng chung (CSIRO) Úc tài trợ. Ngày 17/3/2022 thảo luận được ký kết giữa Trường Đại học Cần Thơ (CTU) và tổ chức CSIRO. Theo đó, dự án được thực hiện từ tháng 03/2022.'

For the Mekong delta's Sustainable Development

- To get better outcomes, we all need to do things differently and efficiently – **Innovation**
- **Collaboration** is the key to innovation.



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Thank you

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Innovation and Partnership Practice

Mode 1: Agricultural Research Partnerships

Agricultural research organizations collaborate to develop new knowledge on discreet technical dimensions of prioritized problems and opportunities.



Mode 2: Agricultural innovation delivery partnerships

Agricultural research organizations collaborate in agricultural production and agribusiness innovation that delivers new products and services that create value for farmers and companies.



Mode 3: National Agri-food systems innovation partnerships

Agricultural research organizations participate in the efforts of public policy and private sector to catalyse innovation in agri-food systems that creates social, economic, and environmental value in line with national development plans.



Mode 4: Global development innovation partnerships

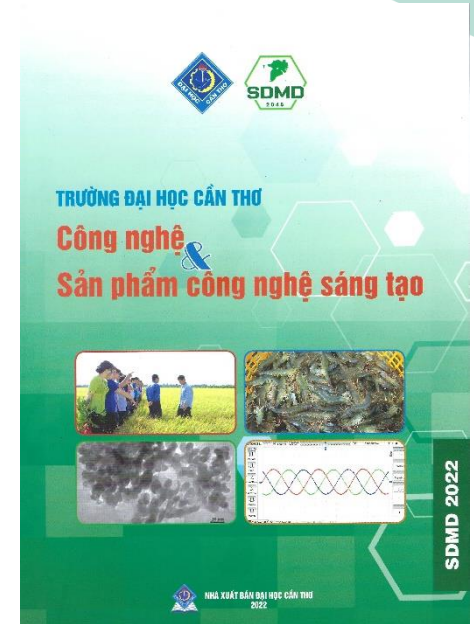
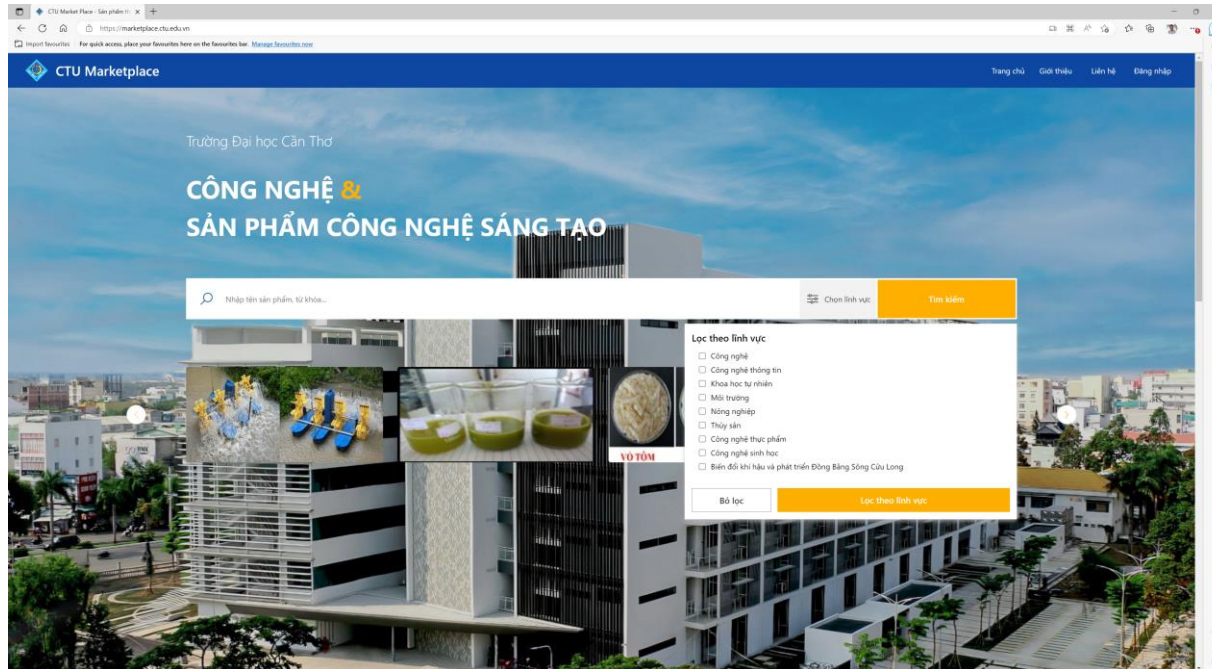
Agricultural research organizations participate in efforts of national and global public and private sector stakeholders to catalyse innovation in economic and social systems to achieve social, economic, and environmental development targets set by the SDGs.



Defined problems/ local change

Complex problems / systemic change challenges

CTU Marketplace



To be served as part of digital transformation to enhance the SDMD-2045 in communication with external clients