



Mahidol University
International College

MU-PA Visit 2024



Mahidol University International College

December 4, 2023



Mahidol University
International College



Outstanding Performances

2023

RESEARCH & INNOVATION



Mahidol University
International College

Research ST 3

- Enhancing relationships with stakeholders
- Fostering impactful interdisciplinary research
- Inspiring innovations
- Developing and fostering a global mindset

Research clusters and strategic partners were established to drive...

01

Conducting high-quality international research

02

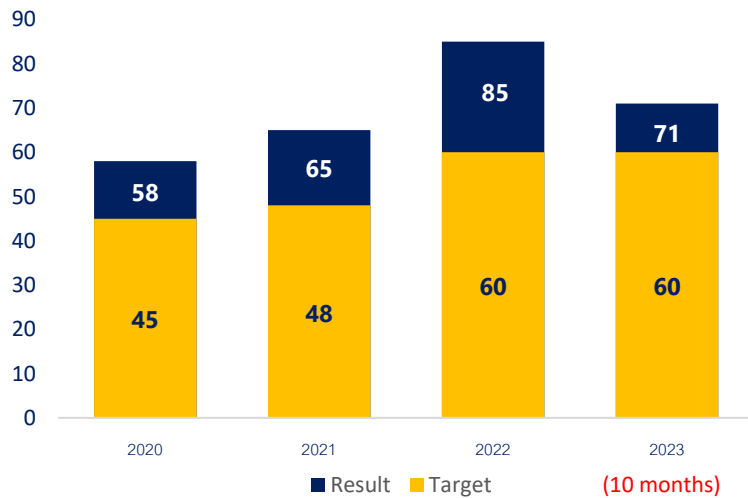
Conducting interdisciplinary research that addresses SDGs and benefits the community

RESEARCH & INNOVATION

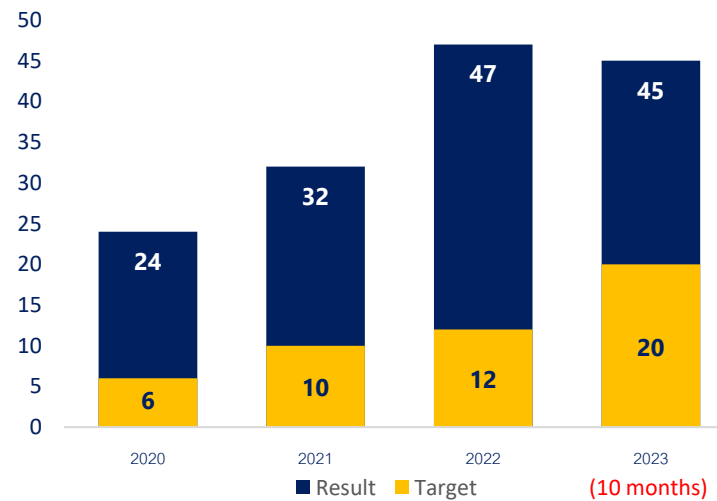


Conducting high-quality international research

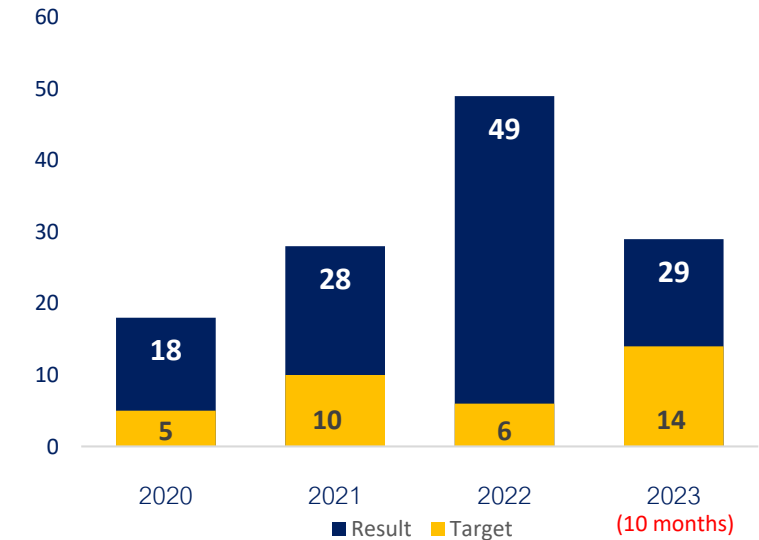
Number of International Publications



Number of International Publications in Q1



Number of publication with international collaboration (foreign researchers)





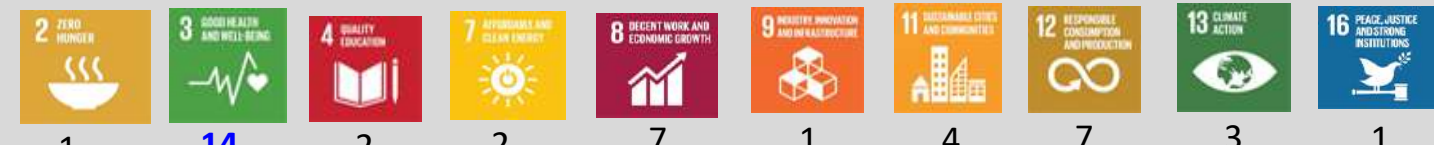
- **Number of International Publication in Top10 in 2023 = 20 Publications**
- **Number of International Publication in Top1 in 2023 = 1 Publication**



RESEARCH & INNOVATION



Conducting interdisciplinary research that addresses SDGs and benefits the community

Year	Number of publications	Number of publications related with SDGs (SDG Number)	% publications meeting SDGs
2021	69	<p>21</p>  <p>7 1 3 3 2 3 2</p>	30%
2022	96	<p>38</p>  <p>2 13 2 1 1 3 2 4 2 3 1 2 2</p>	40%
2023 <i>(month 10*)</i>	87	<p>42</p>  <p>1 14 2 2 7 1 4 7 3 1</p>	48%

RESEARCH & INNOVATION



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Research and Academic Services Collaboration



Developing research and academic strategic partners with Detecon Consulting company

Result/ Impact: Collaboration on the project "Evolving Telecommunication Infrastructure Sharing in Southeast Asia: Positive Paradigms and Multifaceted Benefits".



Research collaboration opportunities with University of Bristol

International research collaboration with MUIC and impactful contributions.



Research project funded by Government of Mahakam Ulu Regency in East Kalimantan/ Indonesia

MUIC Research Cluster on "**Southeast Asian Frontiers**" received the grant on cultural and academic cooperation from government of Mahakam Ulu Regency in East Kalimantan/Indonesia. This project involves co-researchers from scholars from the University of Helsinki (Finland) and the University of Freiburg (Germany).



Research collaboration with Queensland Business School, Australia

"Building Bridges Between Academic Theory and Industry Work"

Result/ Impact: The collaboration with Prof. David Solet from UQ business school, **under the reinventing university project**, will result in two collaborative research articles in Q1 journals.

Innovation Events/ Cluster Activities & Products



MUIC - Innovative College Event (ICE)

Showcased **collaborations and multidisciplinary research** among MUIC faculty members

Biosynergy Event 2023

Cluster: Biophilia

Activity: Biosynergy

"Biosynergy 2023" was the culminating activity of the Biophilia Plant Kits, a subproject of **the Biophilia Research Cluster of MUIC**. The cluster instructed **286 Grade 10 students from MUIDS**.

Result/ Impact: This project transferred the knowledge and output of the cluster research to high school children and teachers.





INNOVATION

Innovation ST1

Partnership with students in creating a learning environment that fosters creativity and innovation

The creation of creativity to foster innovation is driven by activities such as these

01

MUIC INSPIRE CENTER

02

MUIC X Siriraj



Innovations
through
student partnerships
In the real world

01

MUIC INSPIRE CENTER



PROBLEMS
PAIN POINTS



Classrooms
Capstone projects
Extracurricular activities
Service learning

Potential solutions



Multidisciplinary



Design thinking



Solutions to real-world problems



Ecosystem of innovation and creativity for students



MUIC INSPIRE CENTER

Student
Case Club



Case
Competitions

Service Solution
Design Competition



MUIC won the grand prize in the final round of the HSBC Case Competition 2023 by **HSBC Thailand**

Students from MUIC Case Club won the IIBD International Case Competition 2023 at **Hong Kong Baptist University**, Hong Kong in the theme "Technology for a Sustainable Future"

Students from 5 Countries (**Thailand, Indonesia, Malaysia Vietnam and Hong Kong**) Join MUIC, Siriraj's "Service Solution Design Competition" aims to come up with the best service solution that will provide physical, mental and emotional well-being to elderly patients.



Collaboration with **industry**



Collaboration with University
Partners

Collaboration with ASEAN
universities

02

MUIC x Siriraj



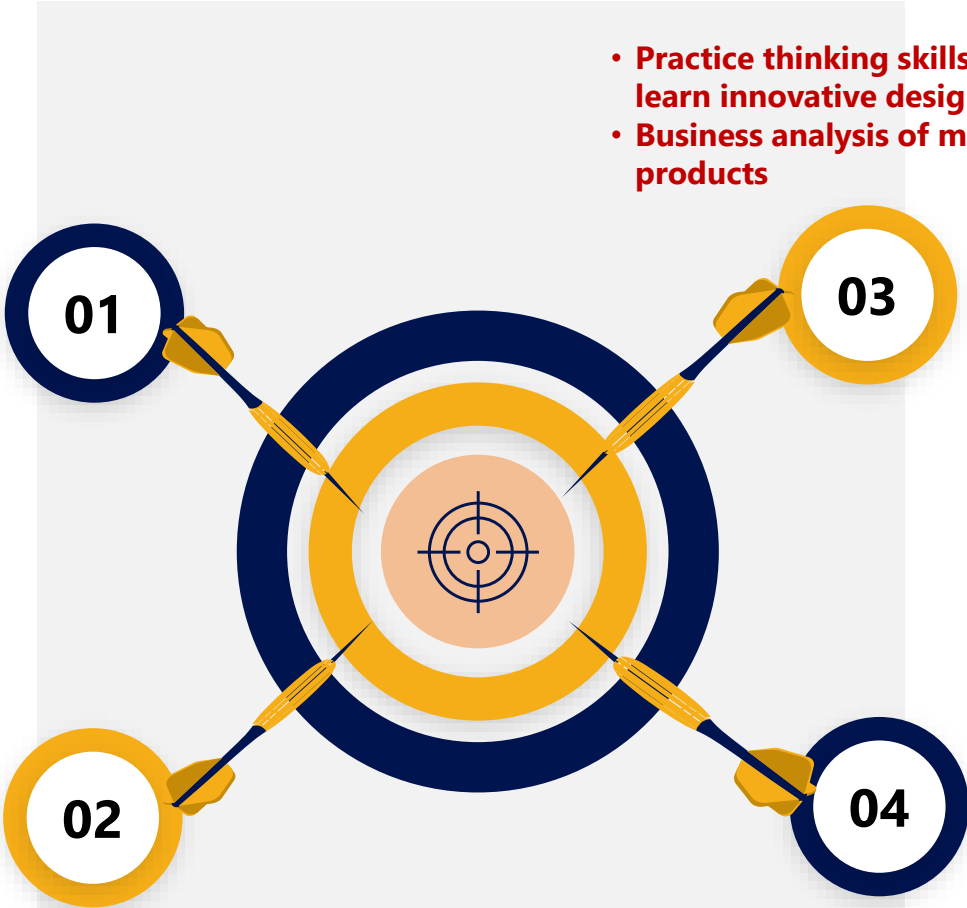
Mahidol University
International College



Minor in Designing Health Innovation



Wellness Tourism for All Project



- Practice thinking skills and learn innovative design.
- Business analysis of medical products

We have received a grant of 6 million baht from PMUC + 1.8 million baht from other external funding



Biodesign Workshop: Reinventing University



Designing a living space for the elderly in the community
-4th year Siriraj Medical Students



Education

ST2- aims to promote life-long learning supported by a synergistic liberal arts education.

MUIC promotes internal and international collaborations to enhance the educational ecosystem

01

Career path

02

Liberal arts experience as a backdrop to international curriculums in MU

03

Increase international study experience

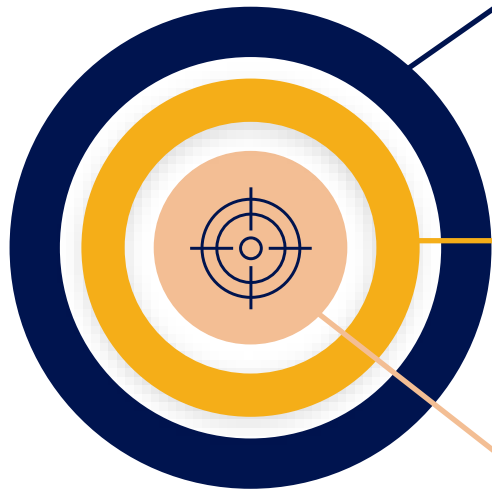
04

Creates internship opportunity and experience outside classroom



EDUCATION

Educational collaborations with Other institutions in Thailand and abroad



01

MOUs with professional programs
Chulalongkorn International Medicine School (CUMEDI)

02

Basic Science and GE provision for international programs at the Faculty of Dentistry and Faculty of Pharmacy

Joint program
B.Eng in Computer Engineering (MUIC+Engineering)

03

Dual Program
MUIC-Flinders University Dual Degree Program (B.Sc. (Chemistry) - B.Sc. (Forensic and Analytical Science))

2+2 School of Hotel and Tourism Management (SHTM) of the Hong Kong Polytechnic University

Program in International Business, MUIC - University of Lucerne Dual Degree Program (On going)

Career path

Offer MUIC liberal arts knowledge and expertise to student within MU

Increase global study experience

EDUCATION



Mahidol University
International College

04

Creates internship opportunity and experience outside classroom



“We are a world leading augmented hospitality Group”

The Accor group's brands welcome you to over 100 countries throughout the world, in over 5,100 hotels for the most unforgettable stays.



MUIC signed a MOU with Accor AAPC (Thailand) Ltd.

Date : October 27, 2023



- Virtual Media Lab equipped with over 20 high-quality hardware and software tools
- Designed to support creative professionals in education and small businesses
- Fosters innovation and creates business opportunities without limitations
- Located on the 4th floor of TCDC Bangkok

MUIC signed a MOU with Virtual Media Lab by Creative Economy Agency (CFA)

Date : October 4, 2023



- Leading the global petrochemical product manufacturing industry
- Specializing in the production of PET products and polyester fibers for diverse industrial applications

Indorama Ventures representatives Visit MUIC

Date : November 14, 2023



Touch Technologies

- aim is to utilize IT and telecommunication technologies to deliver
- innovative products and service solutions. The combination of advanced software applications and modern

MUIC, Touch Technologies in Talks over Collaboration

Date : October 17, 2023



Executives Visit GlaxoSmithKline

Date : September 1, 2023

- The company is engaged in researching, developing innovative pharmaceuticals and vaccines, and manufacturing health products

EDUCATION

Authentic learning-student competitions

MUIC's Winners in "From Gen Z to be CEO" Competition



MUIC MUN Club Reaps Awards in WHOSIM2023



MUIC Team Competes in Asian Business Case Tilt in Singapore



MUIC Student Wins in Marine Conservation Contest



MUIC Freshmen Compete in Business Management Simulation Contest in HK



IRGA Student's Team Wins 2nd Runner-up in Justice by Design Project



SDGs Performance



Mahidol University
International College

ST 4 promote students and staff to become global citizens engaged with the community, and dedicated to being part of solutions to business, societal, and environmental challenges.

MUIC incorporates the Sustainable Development Goals (SDGs) into everything we do.

01

Increasing the number of service-learning GE courses

02

Making international higher education accessible

03

Creating SDG awareness



SDGs Performance

01

Increasing the number of service-learning GE courses



T1/2022-2023:

ICGS146 Salaya Community Service Learning Project

T3/2022-2023:

ICGS145 Service-Learning – Management of Community Service Project
ICGS146 Salaya Community Service Learning Project



T2/2022-2023:

ICGS145 Service-Learning – Management of Community Service Project
ICGS146 Salaya Community Service Learning Project

02

Making international higher education accessible

Pathway to MUIC for children of staff and faculty members

Scholarship for study in MUIC or/and PC

- 100% Tuition Waiver for children of MUIC employees
- Tuition reduction for children of MU employees (30%)

	Academic Year	Number of Scholarship	Total amount (BHT)
MUIC	- 2021-2022	9	1,707,300
	- 2022-2023	9	1,622,200
MU	- 2021-2022	1	64,860
	- 2022-2023	4	122,160



SDGs Performance



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BBA, MUIC hosted “**BBA Forum Features Business Sustainability Experts**”

Date : October 30, 2023.



As part of its Gender Festival, Entitled “**Women’s Leadership in Politics, Diplomacy and Law**”

Date : June 13, 2023



MUIC Empowers Students to **Drive Business Sustainability and Tackle Global Climate Change**

Date : October 11, 2023.

IRGA, MUIC organized a panel discussion on “**Environmental Sustainability in Thailand and Beyond**”

Date : November 10, 2023



SDG-driven student activities

03

Creating SDG awareness





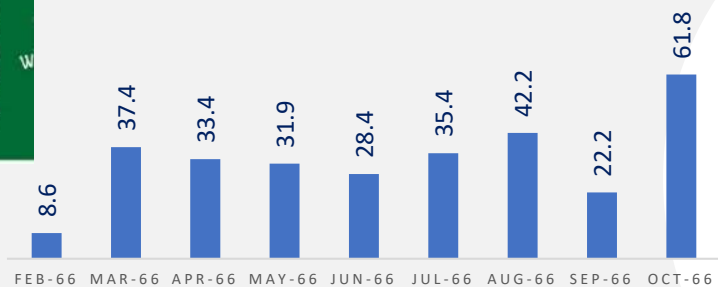
SDGs Performance

SDG-driven Organizational Sustainability

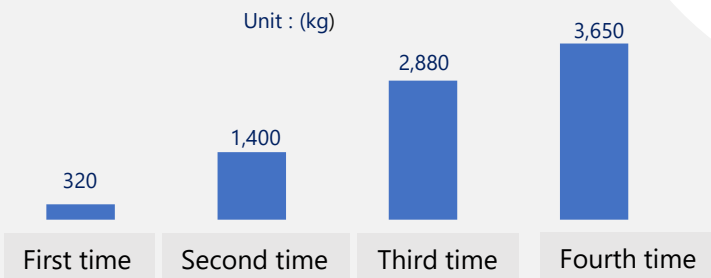
Waste Management



The quantity of **plastic waste** sent to the company
Unit : (kg)



The quantity of **orphan Waste** in the year 2023
Unit : (kg)



Start : on November 1, 2023

"The results of energy consumption reduction are currently being collected."



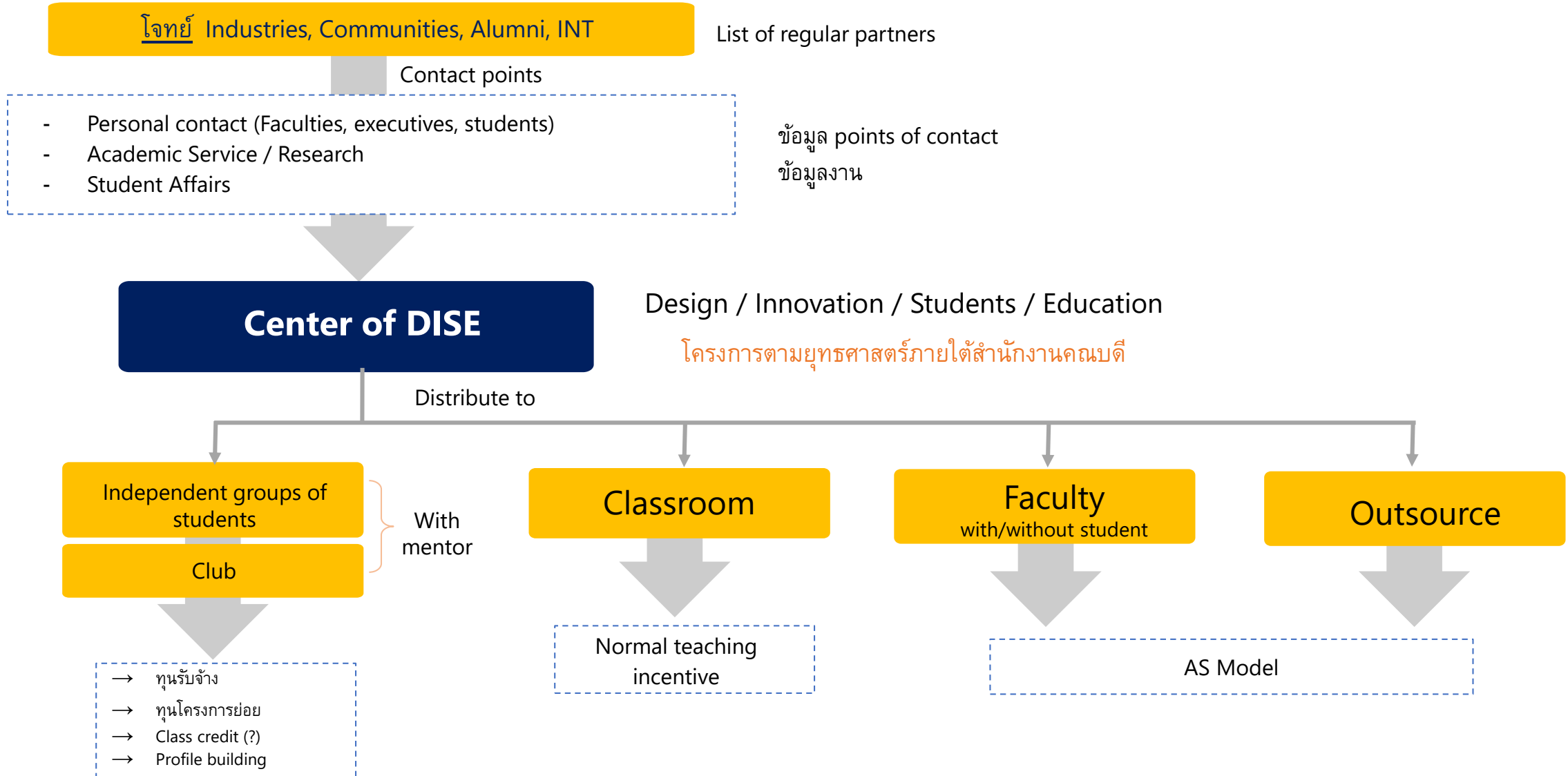


Plan & Projects

2024



Plan & Projects in 2024





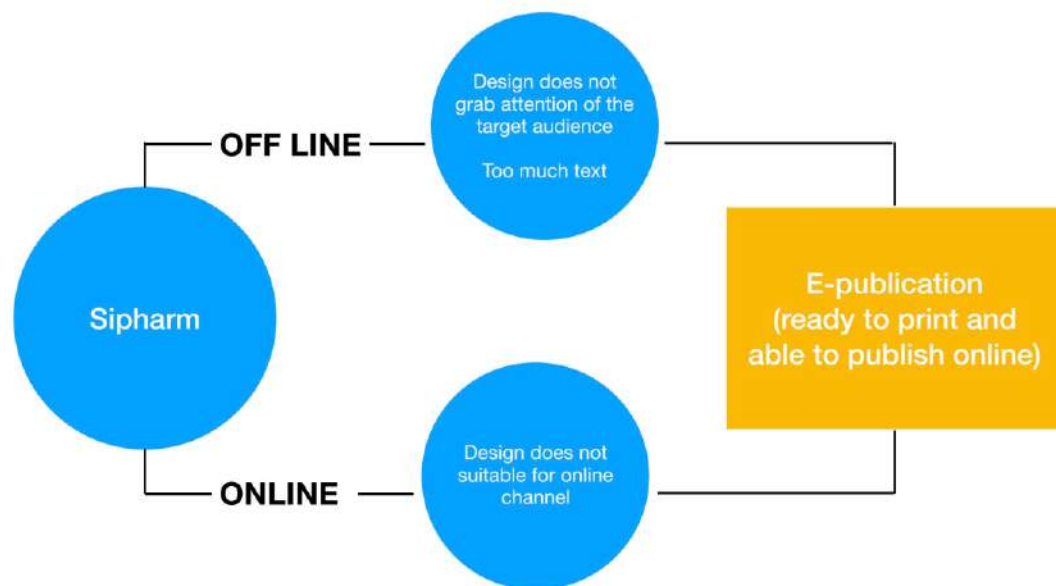
Plan & Projects in 2024

Siriraj Pharmletter

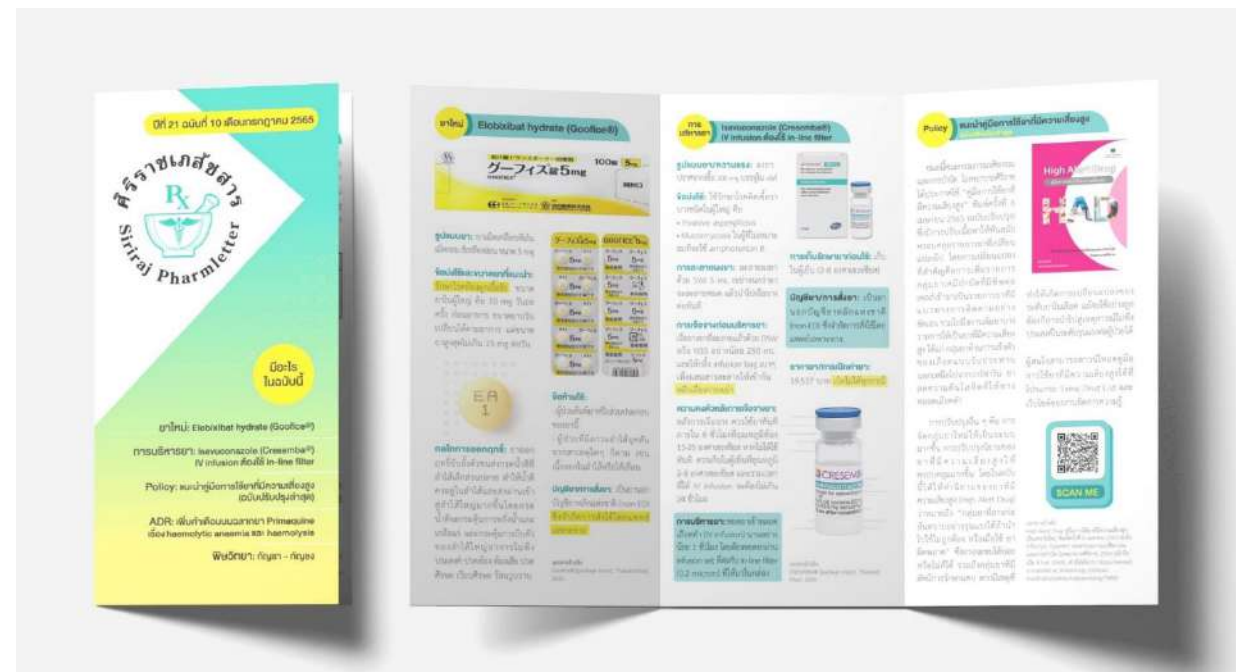
Expanding the project scope for
MUIC INSPIRE CENTER

Project Status: On Going

- Adjust grid system
- Improve quality of photos
- Using more colour



- Improve quality of photos
- Make the layout suitable for online platform





Plan & Projects in 2024

MUIC Multiple Learning Pathways

All Programs Offer Multiple Ways to Learning

Multiple Learning Pathways in the Curriculum Structure

Outside of the Classroom
Learning Pathway

1

GE 21st Century Learning

GE Baskets
Service-learning course

2

**Competency-Based
Learning**

Professional experience
Research experience

3

**Multidisciplinary &
Life Long Learning**

I-Design Electives

4

Expanded Learning

Activity Transcript (AT)

Plan & Projects in 2024



Mahidol University
International College



หน่วยบริหารและจัดการทุนด้านการเพิ่มความ
สามารถในการแข่งขันของประเทศ (บพข.)




Faculty of Medicine
Siriraj Hospital
Mahidol University
Est. 1888



มหาวิทยาลัยมหิดล
วิทยาลัยนานาชาติ



TCEB
THAILAND CONVENTION
& EXHIBITION BUREAU

THE FUTURE



การแพทย์แผนไทยประยุกต์ศิริราช
Siriraj Applied Thai Traditional Medicine

Traditional medicine and local community




College of Music
Mahidol University



TCEB
THAILAND CONVENTION
& EXHIBITION BUREAU

Accessible music for the
sensory-challenged population



มหาวิทยาลัยมหิดล
ศูนย์การแพทย์กาญจนาภิเษก



Specialized wellness and health service
support



SIRIRAJ SOLUTIONS

State-of-the-art
Health Screening and Wellness Services

Wellness Tourism for All

A Participatory Action Research Model



Plan & Projects in 2024

Data-driven organization

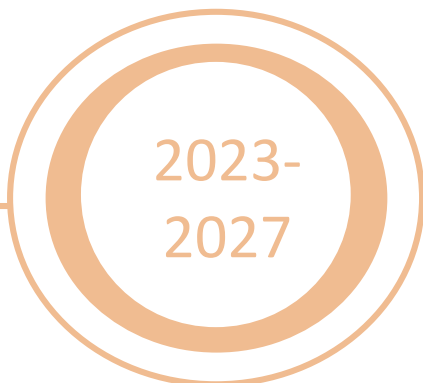
Seamless Data Integration Platform



Ready to use data, with high accuracy and up-to-date

- Cybersecurity
- Data Governance
- Asset management system
- Data support for analysis

Modernizing IT infrastructure



Analyze problems, assess organizational conditions and study appropriate problem-solving methods



Define roles, responsibilities and assign to the primary responsible person

In process
25%

Define work processes and promote inclusive collaboration among internal units within the college. Conduct training to cultivate awareness among the staff

In process
25%

Develop a system and pilot test

“A unique set of problems often requires the willingness to explore an equally unique set of solutions”

