



ANGEL

ERASMUS+ CBHE



Co-funded by the Erasmus+ Programme of the European Union



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## R2.1 ANGEL Innovate Units

WP2 Setting up the ANGEL Ecosystem





## Project Information

Project acronym: ANGEL

Project full title: ASEAN Network for Green Entrepreneurship and Leadership

Project no.: 619421-EPP-1-2020-1-MY-EPPKA2-CBHE-JP

Funding scheme: Erasmus+

Coordinator: Universiti Teknologi Malaysia (UTM)

Project website: <https://angel-project.eu/>

## Prepared by

Author name: Kleovoulos Stylianos

Partner: Center for Social Innovation, Cyprus

Date: June 2024

Status: Final

Dissemination level: Public

## Reviewed by UTM and ReadLab





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## About the project

The ASEAN Network for Green Entrepreneurship and Leadership (ANGEL) is co-funded with the ERASMUS+ programme of the European Union (Capacity Building in the field of Higher Education). The ANGEL project is a convergence of ASEAN partner institutions' responses to the strong need for capacity-building while confronting challenges of environmental degradation. In addition, ANGEL aims to support graduates as well as disadvantaged groups to attain a decent income which is derived from quality employment and enhanced entrepreneurial-leadership skills. Another goal is to help improve inclusiveness, because gender and other demographic divides exist and derail wealth creation across the ASEAN nations.

The mission of ANGEL is to engender impact and transformation for two major target stakeholders of each partner institution in Cambodia, Indonesia, Lao PDR, Vietnam, and Malaysia. The first target group is the internal stakeholders, namely students, academic and non-academic staff, and top management. Within the context of Southeast Asian institutions, the green entrepreneurial mindset and transformational leadership skills and competencies are still new concepts and less implemented.

The second target group of ANGEL are the disadvantaged groups within societies in Cambodia, Indonesia, Lao PDR, Vietnam and Malaysia. This includes women and minorities, poor income groups in both urban and rural communities as well as people with disabilities (PWD).

The Asian partners are supported by universities and institutions from Greece and Cyprus. The consortium is consisted of 16 organisations:

### Malaysia

- Universiti Teknologi Malaysia (UTM)
- Universiti Malaysia Kelantan (UMK)
- Universiti Tun Hussein Onn (UTHM)

### Indonesia

- Universitas Gadjah Mada (UGM)
- Universitas Islam Indonesia (UII)





## Cambodia

- University of South-East Asia (USEA)
- Institute Technology of Cambodia (ITC)
- Royal University of Phnom Penh (RUPP)

## Lao PDR

- Savannakhet University (SKU)
- Champasack University (CU)

## Vietnam

- Can Tho University (CTU)
- Hanoi University of Mining and Geology (HUMG)

## Greece

- Research Innovation and Development Lab (ReadLab)
- Hellenic Open University (HOU)

## Cyprus

- European University of Cyprus (EUC)
- Centre for Social Innovation (CSI)

The project website, <https://angel-project.eu/>, constantly uploads project updates and deliverables, enabling real-time communication and fostering collaboration among stakeholders for effective monitoring and decision-making.

## Introduction

A strong network for green entrepreneurship and transformational leadership can act as a catalyst for sustainable transformation as well as innovation and development. In order to address the ingrained problems and challenges of poverty, low-quality jobs in the informal sector, the digital divide, and leadership gaps, ANGEL seeks to develop the capacity required in twelve ASEAN Universities. Particularly, ANGEL aims to balance the high potential economic growth and innovation in the partner countries with those countries' lack of capabilities in green entrepreneurship.

One of ANGEL's objectives is to build a high-caliber network of future green entrepreneurial leaders with an effective and efficient style of management who could uphold ethics and good governance while being able to connect with the local/regional and international market





ecosystem with a multiplier effect in the ASEAN region. Amongst others, the project is fostering engagement, exchange, and sharing because of the establishment of the ANGEL Innovative Units which will foster a university network and, reach and mobilize both internal and external stakeholders.

During the WP2 - Setting up the ANGEL Ecosystem, one **ANGEL Innovative Unit** was established in each HEI partner. Their operation is based upon the knowledge transferred to the ANGEL Enterprise teams that were formed and stormed during the WP1 - Customization and Training. The mission of the ANGEL Innovate Units is **to sustain and advance ANGEL project in the long term** through a) the support of entrepreneurial learning, b) partnership-building with intra and extra University actors, and c) the development of expertise in the commercialization of Universities' knowledge and technology.

To prepare the universities for establishing Innovation Units, a session was held during the R1.6 Train the Trainers workshop at UTM in Kuala Lumpur, Malaysia in November 2022. The session titled "Setting up a University Green Entrepreneurial Centre in Asian countries: Practical issues", analyzed five steps to help universities establish such Units: creating the Green Entrepreneurial Centre Committee, conducting a gap analysis, identifying stakeholders, formulating the center's strategy and principles, and developing the center's activities. The session provided both theoretical and practical approaches for establishing entrepreneurial centers or units, which could aid them to form the ANGEL Innovation Unit.

To support the establishment of the Units, the task coordinator (Center for Social Innovation) created a template questionnaire, which was reviewed by the project's coordinator and then shared among the partnership. The questionnaire was distributed in May 2023.

The primary objective of this report is to furnish scholarly perspectives on the Innovation Units of the participating universities. Specifically, it aims to present in-depth and comprehensive insights into the organizational structure of these Units as integral university services. Furthermore, it offers a comprehensive assessment of the human resources associated with these entities is provided. The report details each university's **ANGEL Innovate Unit**, providing a comprehensive understanding of their respective characteristics and functionalities. The report R2.5 ANGEL Innovate Units and Hubs, includes comprehensive information for both Unit and Hubs from each university, including physical space, encompassing equipment details, accompanied by visual documentation.







# Malaysia

## Universiti Teknologi Malaysia (UTM)

### Overview

<p><b>Mission:</b></p>	<p>ANGEL Innovate Unit leads in educating green entrepreneurial leaders among faculty and administrative staff, and the community by disseminating knowledge and building capacity in green entrepreneurship - leadership, building the ANGEL ecosystem and enhancing UTM collaborations with intra and extra University partners (i.e. University leadership, faculty members, administrative and technical staff – mentors, businesses, state agencies, funding agencies, etc.) and developing experts in commercialising UTM knowledge and technology.</p>
<p><b>Structure:</b></p>	<p>The formation of the ANGEL Innovate Unit will be based on the cooperation between experts across universities. Hence, key tasks to be conducted are:</p> <ol style="list-style-type: none"> <li>a. Identification of experts who can deliver training on green entrepreneurship and leadership aspects.</li> <li>b. Formation of task force to monitor the execution of the ANGEL Innovate Unit</li> <li>c. Appointment of the ANGEL Innovate Unit task force at the university level.</li> <li>d. Organise a periodical meeting to discuss the progress of the ANGEL innovate unit.</li> <li>e. Prepare progress report</li> </ol>
<p><b>Activities:</b></p>	<p>Structure: Cooperation of Universities          Focus: Education and Mentoring          Pedagogical Approach: Design Thinking          Support Structure: Coordination and Education, Start-ups and Incubator</p>
<p><b>Specific marginalised/disadvantaged groups to be focused:</b></p>	<p>Displaced people</p>
<p><b>Infrastructure and process needed for inclusion of marginalised/disadvantaged groups:</b></p>	<p>In Azman Hashim International Business School (AHIBS), the ANGEL Innovate Unit was established and furnished with high-tech tools and accessories such as computer, laptop, projector, LED Screen, microphone and other equipment that allows the students, faculty members and communities (including marginalized/disadvantaged groups, i.e. displaced people) to gather ideas and run their entrepreneurship and leadership agenda. The room and its building is accessible to people with disabilities.</p>

Article/ Announcement of opening:	Click here for the <a href="#">link</a>
External Ecosystem or relevant stakeholders/collaborations:	National Entrepreneurship Policy 2030 (NEP 2030) was launched by the Ministry of Entrepreneurship Development and Cooperatives (MEDAC) in 2019. Development of entrepreneurship among university students is governed by the Ministry of Higher Education (MOHE) through the Entrepreneurship Action Plan for Higher Education Institutions (2021 - 2025).
Internal Ecosystem or relevant stakeholders/collaborations:	Coordination and Education, Start-ups and Incubator <i>UTM Centre for Student Innovation and Technology Entrepreneurship (UTMXCITE)</i> <i>UTM Campus Sustainability (UTM CS)</i> <i>UTM Centre for Community &amp; Industry Network (CCIN)</i>

Address:	Azman Hashim International Business School (UTM AHIBS) Level 12, Menara Razak, Universiti Teknologi Malaysia Jalan Semarak 54100 Kuala Lumpur, MALAYSIA
City:	Kuala Lumpur
Country:	Malaysia
Website:	business.utm.my
Starting Date:	15 <sup>th</sup> January 2023
Equipment purchase:	<ul style="list-style-type: none"> <li>• Arvia Interactive Smartboard</li> <li>• Telescoping Sliding Height Adjustable Floor Stand TV Carts</li> <li>• Printer: HP Color LaserJet Pro MFP M277dw (3-n-1)</li> <li>• Projector</li> <li>• LCD Projector (Portable)</li> <li>• Microphone</li> <li>• Lighting</li> <li>• Smart LED TV samsung UA65TU7000</li> <li>• Floor stand</li> <li>• YAMAHA 12" PASSIVE SPEAKER</li> <li>• CBR12</li> <li>• Laptop (Apple MacBook Pro 15"-Retina Display) x 2 pcs</li> </ul>
Supportive document:	-

## Personnel

<b>Name of the person responsible of the Unit:</b>	Assoc. Prof. Dr Haliyana Khalid
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Position:	Deputy Dean (Research, Development & Innovation)
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Telephone:	+60133261261
<b>Name of the person responsible of the Unit:</b>	Radiatual Hadaviyah Ramlam
Position:	Deputy Registrar (Operation and Administration)
Email:	hadaviyah.kl@utm.my
Telephone:	+60123514774
<b>Number of admins, academics or researchers involved:</b>	Approximately 15

## Universiti Malaysia Kelantan (UMK)

### Overview

Mission:	<p><b>Mission 1: ERASMUS+ Project Operational Hub: CBHE ANGEL</b></p> <p>The mission of the ANGEL INNOVATE UNIT is to act as the operational hub for training and work movements related to the ERASMUS+ project CBHE ANGEL. This includes coordinating and facilitating training activities, managing the logistical aspects of work movements, and ensuring that project participants communicate and collaborate effectively.</p> <p><b>Mission 2: Systematic Grant Project Implementation</b></p> <p>The ANGEL INNOVATE UNIT is in charge of ensuring that the grant projects are implemented in a systematic manner. This includes creating detailed project plans, establishing timelines and milestones, effectively allocating resources, monitoring project progress, and addressing any challenges or obstacles that arise during the implementation process.</p> <p><b>Mission 3: ERASMUS+ Project Commitment and Ownership: CBHE ANGEL</b></p> <p>The mission of the ANGEL INNOVATE UNIT is to demonstrate commitment and ownership of the ERASMUS+ project CBHE ANGEL. This entails actively participating in project objectives, promoting project activities within the university and the broader community, and striving for project excellence.</p> <p><b>Mission 4: Promotion of New Business Ventures</b></p>
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	<p>The ANGEL INNOVATE UNIT seeks to promote the formation of new businesses. This includes offering assistance and resources to aspiring entrepreneurs, facilitating networking opportunities, organising entrepreneurship events and workshops, and fostering an innovative and risk-taking culture within the university.</p> <p><b>Mission 5: Support for Entrepreneurship and Leadership Projects on the Platform</b></p> <p>The mission of the ANGEL INNOVATE UNIT is to provide a platform for the implementation of entrepreneurship and leadership projects. This entails providing technological infrastructure, mentorship programmes, access to relevant networks and partnerships, and project planning and execution guidance, all with the goal of nurturing and empowering aspiring entrepreneurs and leaders.</p> <p><b>Mission 6: Create a Collaborative Network</b></p> <p>The ANGEL INNOVATE UNIT seeks to build a collaborative network among university administration, faculty, administrators, undergraduates, and the community. Fostering strong relationships, facilitating knowledge sharing and collaboration, organizing interdisciplinary projects and initiatives, and encouraging engagement and participation of all stakeholders in the university's innovation and entrepreneurship ecosystem are all part of this mission.</p>
<p>Structure:</p>	<p>ANGEL Innovate Unit and Hub at UMK is located in one of the laboratories at Faculty of Entrepreneurship and Business, City Campus, UMK, Kelantan, Malaysia.</p> <p>The laboratory is an incubator that aims to produce young entrepreneurs and start-up businesses. The co-usage of the Facilities is a strategic plan for producing more young entrepreneurs with green business ideas.</p> <p>The dean of the faculty will be at the top of the hierarchy, and ANGEL members at UMK will be the main committee that administers the usage of the ANGEL Innovate Unit and Hub at UMK.</p>



<p>Activities:</p>	<p>Seminars, mentoring, classes, research, talk shows, coffee talks, and entrepreneur sharing sessions</p>
<p>Specific marginalised/disadvantaged groups to be focused:</p>	<p>Women entrepreneurs/community of lower income group (namely B40 groups)/Young entrepreneurs from UMK community with brilliant green business ideas.</p>
<p>Infrastructure and process needed for inclusion of marginalised/disadvantaged groups:</p>	<p>Free services</p>
<p>Article/ Announcement of opening:</p>	<p>It was announced in October on the UMK Angel Community's website and social media platforms.</p>
<p>External Ecosystem or relevant</p>	<p>Collaborations with external institutions are now ongoing at both the local and international level through research grant</p>





stakeholders/collaborations:	collaboration, innovation competitions, publications, community service programmes, and more.
Internal Ecosystem or relevant stakeholders/collaborations:	At the internal level, ANGEL Innovate Unit and Hub at UMK already collaborate with other faculty, such as the Faculty of Earth Science and Faculty of Entrepreneurship and Business in organizing international seminar and community service programs.

Address:	Angel Innovate Unit Lab 2u2i Faculty of Entrepreneurship and Business City Campus Universiti Malaysia Kelantan
City:	Kelantan
Country:	Malaysia
Website:	<a href="https://angelfkp.wixsite.com/my-site-5">https://angelfkp.wixsite.com/my-site-5</a>
Starting Date:	1 June 2023
Equipment purchase:	1 March 2023 - All procedures and regulations are already followed at the UMK level to ensure the procurement is conducted correctly in compliance with the current effective rules. Furniture and Fixture already in place, and Electronic Equipment is now in the delivery process by the supplier.
Supportive document:	n/a

## Personnel

<b>Name of the person responsible of the Unit:</b>	AP Dr Noorshella Che Nawi
Position:	Associate Professor
Email:	<a href="mailto:norshella@umk.edu.my">norshella@umk.edu.my</a>
Telephone:	+60109009639
<b>Name of the person responsible of the Unit:</b>	AP Dr Noorul Azwin Md Nasir
Position:	Associate Professor
Email:	<a href="mailto:azwin@umk.edu.my">azwin@umk.edu.my</a>
Telephone:	+601112322342
<b>Name of the contact person:</b>	AP Dr Mohd Asrul Hery Ibrahim
Position:	Associate Professor
Email:	<a href="mailto:hery.i@umk.edu.my">hery.i@umk.edu.my</a>
Telephone:	+60169534248
<b>Number of admins, academics or researchers involved:</b>	Admins: 10 Academics cum researchers: 20





## Universiti Tun Hussein Onn (UTHM)

### Overview


<p><b>Mission:</b></p>	<p>To foster and enhance green entrepreneurship development by enabling sustainable entrepreneurial activities to be carried out in an organized and holistic manner that produces top quality of entrepreneurial thinking, traits and values, specifically targeted to the identified focus groups.</p>
<p><b>Structure:</b></p>	<div style="text-align: center;"> <pre> graph TD     VC[Vice Chancellor] --&gt; DPTU[Director of PTU]     DPTU --&gt; DPTU2[Deputy Director of PTU]     DPTU2 --&gt; HD1[Head of Department (Technopreneurship)]     DPTU2 --&gt; HD2[Head of Department Social Entrepreneurship]             </pre> <p>*Element of Green is added in this structure</p> </div> <p>*PTU = University Technopreneurship Centre</p> <ol style="list-style-type: none"> <li>1. PTU as the ANGEL project owner (UTHM Level).</li> <li>2. Green Entrepreneurship - to be included as part of PTU's main task of the function.</li> <li>3. PTU's role in disseminating all information on ANGEL to the top management and all communities inside and outside UTHM.</li> </ol>
<p><b>Activities:</b></p>	<p><b>Awareness Program</b> - Info Days Sessions will be held every three months (every business quarter) physically for all UTHM staff, administrators, and students.</p> <p><b>Training Program</b> – to be conducted on three operational levels, i) the trainers, ii) UTHM communities (inside and outside), and iii) strategic partners Organize training sessions on green entrepreneurship internal/external focus group.</p> <p><b>Incubation and Startup Establishment</b> – open to students who participated in the training program.</p> <p><b>Monitoring Start-up Development</b> - Through the handholding services, i.e., CMTc services that are Coaching, Mentoring, Training and Consultancy.</p>
<p><b>Specific marginalised/disadvant</b></p>	<p><b>Internal focus group:</b> UTHM students, lecturers and staff.</p>

aged groups to be focused:	<b>External focus group:</b> Single mothers' community, academicians from different institutions, industrial partners, and government-linked agencies.
Infrastructure and process needed for inclusion of marginalised/disadvantaged groups:	NA
Article/ Announcement of opening:	NA
External Ecosystem or relevant stakeholders/collaborations:	Collaboration with the NGO on SDG in organizing activities with disadvantaged groups.
Internal Ecosystem or relevant stakeholders/collaborations:	To collaborate with the Center of Industrial and Community Relations UTHM in organizing activities with the disadvantaged groups.

Address:	ANGEL Hub, Block F3, UTHM
City:	Batu Pahat, Johor
Country:	Malaysia
Website:	<a href="https://uthmangel.wixsite.com/website">https://uthmangel.wixsite.com/website</a>
Starting Date:	
Equipment purchase:	<p><b>First batch (Completed):</b></p> <ol style="list-style-type: none"> <li>1. 6 x [Desktop PC HP Pavillion 24-CAL1012DAIO]</li> <li>2. 2 x [Printer HP Color Laserjet Pro MFP M282NW]</li> </ol> <p><b>Second batch (ETA March 2023):</b></p> <ol style="list-style-type: none"> <li>3. 1 x [LCD PROJECTOR Epson EB2255U WUXGA 3LCD]</li> <li>4. 5 x [Microsoft Surface Pro 8 (8PX-00028) i7/16GB, RAM/512GB SSD Graphite + TC Black + Pen + Mobile Mouse Random Color + 365P ESD]</li> <li>5. 4 x Laser Pointer</li> </ol>



Supportive document:

 86400 PARIT RAJA, BATU PAHAT, JOHOR. TEL: 07-4537000/7052/7071/7073 www.uthm.edu.my		86400 PARIT RAJA, BATU PAHAT, JOHOR. FAX: 07-4536040					
<b>ASAL</b>							
<b>PESANAN TEMPATAN</b>							
Pesanan ini hendaklah dikembalikan dengan invoice tuan dan pesanan ini akan dibatalkan jika barang-barang / kerja-kerja tidak diterima/dilaksana sebelum tarikh yang ditetapkan.							
Tahun Kwangan 2022	No. Pesanan 008728-00	Tarikh Pesanan 13/11/2022					
<b>Kepada Pembekal/Kontraktor</b> RAD00736 APPLE PC ENTERPRISE NO.19, JALAN EMAS PUTHI TAMAN SRI PUTHI 81300 SKUDAI JOHOR BAHRU, JOHOR Tel : 075203839/0177770136 Fax No. : 075203816 GST No. :		Sila bekalkan barang-barang/laksanakan kerja yang tersebut di bawah kepada UNIVERSITI TUN HUSSEIN ONN MAL. PUSAT PENGURUSAN PENYELIDIKAN 86400 PT RAJA BT. PAHAT JOHOR Pada atau sebelum : 05/02/2023					
<b>Bil.</b>	<b>Butiran</b>	<b>Kuan.</b>	<b>Harga Seunit (RM)</b>	<b>Jumlah (RM)</b>	<b>Kod Tax</b>	<b>Jumlah GST (RM)</b>	<b>Jumlah (RM)</b>
1	UTM 09/02/003/2022 SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF DESKTOP AND PRINTER FOR PUSAT PENGURUSAN PENYELIDIKAN UNIVERSITI TUN HUSSEIN ONN MALAYSIA	6	6,500.00	39,300.00	ZP	0.00	39,300.00
2	DESKTOP PC HP HP PAVILLION 24-ae0134 AIO PRINTER HP HP COLOR LASERJET PRO MFP M322dw	2	2,775.00	5,550.00	ZP	0.00	5,550.00
<b>Jumlah Kasar</b>							<b>44,850.00</b>
<b>Diskaun</b>							
<b>GST (0%)</b>							
<b>Tax Dibayar</b>							<b>0.00</b>
<b>JUMLAH BERSIH</b>							<b>44,850.00</b>
AMAUN RINGGIT MALAYSIA: EMPAT PULUH EMPAT RIBU LAPAN RATUS LIMA PULUH SAHAJA.							
Pemohon <b>SITI SARAH BINTI OMAR</b>							
No. Rujukan Pembelian (PR) 009151				No. Kontrak/Pembelian Terus/Sebutbarga/Tender			
Disediakan	SHAZLINA BINTI KASSIM			Tarikh	13/11/2022 16:46:29		
Jawatan	N22-PEMBANTU TADBIR & OPERASI			Tarikh	13/11/2022 17:13:22		
Disahkan	ALHIANA BINTI ANUAR			Tarikh	13/11/2022 17:13:22		
Jawatan	N44 - PENOLONG PENDAFTAR KANAN			Tarikh	13/11/2022 20:29:32		
Diluluskan	PROF. MADYA DR NAFARIZAL NAYAN			Tarikh	13/11/2022 20:29:32		
Jawatan	PENGARAH			Tarikh	13/11/2022 20:29:32		

University contribution to establishing ANGEL Hub and the estimated value and cost:	Providing space UMK under Faculty of Entrepreneurship and Business (FEB) agreed to share space of 2u2i Lab with ANGEL Hub. Furniture FEB provides basic furniture like table and chairs Maintenance The space that FEB allocate to ANGEL Hub require some maintenance.
If applicable, third-party contributors (eg local industry, NGOs, etc):	n/a

**Personnel**

<b>Name of the person responsible of the Unit:</b>	Assoc Prof Dr Siti Sarah Omar
<b>Position:</b>	Deputy Director / ANGEL Project Leader / Trainer University Technopreneurship Centre



	Universiti Tun Hussein Onn Malaysia
Email:	sarah@uthm.edu.my
Telephone:	+60137793007
<b>Number of admins, academics or researchers involved:</b>	ANGEL Trainer(s): 4 ANGEL Researcher(s): 5 Admin(s): 3

## Indonesia

### Universitas Gadjah Mada (UGM)

#### Overview

Mission:	To nurture green entrepreneurs that are knowledgeable and passionate in promoting environmental sustainability through the creation of businesses.
Structure:	ANGEL Innovate unit is structured under the Laboratory of Management, a unit under the Faculty of Economics and Management, Universitas Gadjah Mada. ANGEL Innovate unit is managed by the Leadership and Entrepreneurship Research Unit of the Laboratory of Management.
Activities:	Workshops and training on green business.  Green business idea competition
Specific marginalised/disadvantaged groups to be focused	People with disability  Women with economic disadvantages
Infrastructure and process needed for inclusion of marginalised/disadvantaged groups:	N/A
Article/ Announcement of opening:	<a href="https://feb.ugm.ac.id/id/berita/4450-feb-ugm-meresmikan-angel-hub-sebagai-pusat-ri-set-green-entrepreneurship-dan-sustainability">https://feb.ugm.ac.id/id/berita/4450-feb-ugm-meresmikan-angel-hub-sebagai-pusat-ri-set-green-entrepreneurship-dan-sustainability</a>  Other related articles:





	<p><a href="https://feb.ugm.ac.id/id/kerja-sama/3954-bsi-gandeng-ugm-buka-laboratorium-kewirausahawan-di-feb-ugm">https://feb.ugm.ac.id/id/kerja-sama/3954-bsi-gandeng-ugm-buka-laboratorium-kewirausahawan-di-feb-ugm</a></p> <p><a href="https://ugm.ac.id/id/berita/23253-diseminasi-ri-set-feb-ugm-dan-kontribusi-angel-di-tahun-keenam/">https://ugm.ac.id/id/berita/23253-diseminasi-ri-set-feb-ugm-dan-kontribusi-angel-di-tahun-keenam/</a></p> <p><a href="https://feb.ugm.ac.id/id/berita/3911-perwakilan-tim-angel-feb-ugm-mengikuti-tot-di-universiti-teknologi-malaysia">https://feb.ugm.ac.id/id/berita/3911-perwakilan-tim-angel-feb-ugm-mengikuti-tot-di-universiti-teknologi-malaysia</a></p> <p><a href="https://feb.ugm.ac.id/id/berita/3171-angel-peran-ugm-menjawab-tantangan-green-entrepreneurship-di-asia-tenggara">https://feb.ugm.ac.id/id/berita/3171-angel-peran-ugm-menjawab-tantangan-green-entrepreneurship-di-asia-tenggara</a></p>
External Ecosystem or relevant stakeholders/collaborations:	The Angel Innovative Units and Hubs, situated within the Small- and Medium-sized Enterprises [SME] Corner & FEB UGM Entrepreneurship Academy in the Bank Syariah Indonesia building, FEB UGM, is dedicated to the empowerment and development of SMEs. This center receives funding from Bank Syariah Indonesia, a private bank in Indonesia, with a specific focus on supporting SMEs.
Internal Ecosystem or relevant stakeholders/collaborations	Management Lab, Entrepreneurship Working Group, Leadership Working Group, and Career Development Center (CSDU), especially with the Entrepreneur Academy program.

Address:	Faculty of Economics and Business, Universitas Gadjah Mada, Jalan Sosiohumaniora 1, Bulaksumur, Yogyakarta, DIY, 55281
City:	Yogyakarta
Country:	Indonesia
Website (if any):	<a href="https://feb.ugm.ac.id">https://feb.ugm.ac.id</a>
Starting Date:	19 <sup>th</sup> of January, 2023
Equipment purchase (be specific)	<p>1 unit Sony Alpha a7R IV Mirrorless Digital Camera (Body Only)</p> <p>1 unit Sony Alpha a7III Mirrorless Digital Camera Kit with FE28-70 mm Lens</p>

	<p>1 unit Sony FE 35mm F1.8 Lens</p> <p>2 units SanDisk Extreme Pro SDXC UHS-I Card 64 GB 170MB/s</p> <p>1 unit RODE Wireless GO II</p> <p>2 units Lavalier GO Microphone</p> <p>1 unit MANFROTTO Befree Live Tripod</p> <p>1 unit Beike Q-222 Tripod Professional QZSD</p> <p>1 unit Godox Studio Kit lighting for Video</p> <p>1 unit Portable Background Stand and Green Screen</p> <p>1 unit APPLE IMAC MGPJ3ID/A (Retina 4,5K, 24 inch, 2021) M1, 512 GB, Green</p> <p>1 unit Transcend Card Reader RDF 5</p> <p>2 units Ugreen 9 in 1 type C to HDMI, VGA, RJ45, 4K, Type C PD PORT 3 USB</p> <p>1 WD Black P50 1 TB SSD External Drive</p> <p>3 Adobe Creative Cloud Annual License</p> <p>6 units APPLE MacBook Pro (13 inch, M1, 2020) 8 GB RAM, 256GB, SSD</p> <p>5 units iPadPro 12.9-inci 5th gen (2021), Wi-Fi 128 GB, Space Grey</p> <p>5 units Apple Pencil 2nd Gen</p>
Supportive document:	N/A

## Personnel

<b>Name of the person responsible of the Unit:</b>	Sari Sitalaksmi, M.Mgt., Ph.D.
Position:	Head of Management Laboratory
Email:	sarisitalaskmi@ugm.ac.id
Telephone:	+62 812-1578-721
<b>Name of the person responsible of the Unit:</b>	Teguh Sulistyono, S.T.
Position:	Facility Coordinator
Email:	teguhsite@ugm.ac.id
Telephone:	+62 811-2504-837



## Universitas Islam Indonesia (UII)

### Overview

Mission:	To nurture digital and green entrepreneurs that are knowledgeable and passionate about promoting sustainability through the creation of innovation and businesses.
Structure:	<p>ANGEL Innovation Unit is a unit under t supervision of the Entrepreneurial Development Division, Directorate of Entrepreneurial Development (The Growth Hub), and Vice-Rector of Partnership &amp; Entrepreneurship.</p> <p>ANGEL Innovate Unit will manage the Program of Innovation Ecosystem &amp; Business Acceleration (PEIAB) which is related to the implementation of Digital &amp; Green Entrepreneurship initiatives.</p>
Activities:	<p>Programs related to Developing Green Ecosystems such as:</p> <ol style="list-style-type: none"> <li>1. Coaching &amp; Assistance Services for Green Transfer Technologies.</li> <li>2. Coaching &amp; Assistance Services for Green Commercialisation Technologies.</li> <li>3. Building the Green Business Initiatives Community.</li> <li>4. Providing a Digital Marketplace Platform for any Green Initiatives &amp; Products</li> </ol> <p>Programs related to Developing Green Business Acceleration such as:</p> <ol style="list-style-type: none"> <li>1. Mentoring &amp; Coaching for Green Business Design.</li> <li>2. Assistance for Green Business Acceleration Program.</li> <li>3. Assistance for Green Business Growth Hacking Program.</li> </ol>
Specific marginalised/disadvantaged groups to be focused:	<p>Women with economic disadvantages.</p> <p>People with disabilities.</p>
Infrastructure and process needed for inclusion of marginalised/disadvantaged groups:	Inclusion support and free mentoring services of digital and green entrepreneurial competencies..
Article/ Announcement of opening (if available):	<p>The ANGEL Innovate Unit has been officially launched on 6 December 2023 with the press release and information on social media links as follows:</p> <p><b>UII website:</b></p>



	<p><a href="https://www.uui.ac.id/uui-perkuat-pengembangan-kewirausahaan-dan-inovasi-berkelanjutan/">https://www.uui.ac.id/uui-perkuat-pengembangan-kewirausahaan-dan-inovasi-berkelanjutan/</a></p> <p><b>National mass media:</b></p> <p><a href="https://portaljogja.pikiran-rakyat.com/pendidikan/pr-257441626/dukung-hilirisasi-invensi-dan-perlindungan-hki-uui-resmikan-angel-innovate-unit">https://portaljogja.pikiran-rakyat.com/pendidikan/pr-257441626/dukung-hilirisasi-invensi-dan-perlindungan-hki-uui-resmikan-angel-innovate-unit</a></p> <p><a href="https://kedu.suaramerdeka.com/pendidikan/2111110378/angel-innovate-unit-untuk-kewirausahaan-hijau-dan-inovasi-berkelanjutan">https://kedu.suaramerdeka.com/pendidikan/2111110378/angel-innovate-unit-untuk-kewirausahaan-hijau-dan-inovasi-berkelanjutan</a></p> <p><a href="https://pendidikan.harianjogja.com/read/2023/12/07/642/1157393/akademisi-difasilitasi-perangkat-untuk-percepat-hasilkan-karya-cipta-dan-hak-paten">https://pendidikan.harianjogja.com/read/2023/12/07/642/1157393/akademisi-difasilitasi-perangkat-untuk-percepat-hasilkan-karya-cipta-dan-hak-paten</a></p> <p><b>Instagram reels:</b></p> <p><a href="https://www.instagram.com/reel/C0ixrRwr0l8/?utm_source=ig_web_copy_link">https://www.instagram.com/reel/C0ixrRwr0l8/?utm_source=ig_web_copy_link</a></p>
External Ecosystem or relevant stakeholders/collaborations:	Government, Business Organisation & Corporations, Non Profit Organisation, and group of Researchers/Inventors
Internal Ecosystem or relevant stakeholders/collaborations:	Technology and Business Incubator (IBISMA), Directorate of Entrepreneurial Development (The Growth Hub), Entrepreneurship Labs & Research, The Growth Academy Programs.

Address:	ANGEL Innovate Unit 3 <sup>rd</sup> Floor, Faculty of Law Building, Universitas Islam Indonesia Jl. Kaliurang KM. 14,5 Sleman Yogyakarta 55584
City:	Yogyakarta
Country:	Indonesia
Website:	<a href="https://law.uui.ac.id/">https://law.uui.ac.id/</a>
Starting Date:	15th February 2023
Equipment purchase:	2 Unit Workstation Dell All-in-One Inspiron 5400 1 Unit Multipurpose Hub: Samsung Flip2 65 WM65R 2 Unit Apple Macbook Pro M1

	1 Unit Alite Dry Cabinet GD-40L 1 Unit Audio Recorder Zoom H6 +Accessories 1 Unit Battery Charger BC-TRW 1 Unit Mini Studio Peripherals: ACER Predator Orion PO9-900 1 Unit Focusrite Scarlet 2i2 3rd Gen Studio 1 Unit Godox LED Video Light 500C 1 Unit Kamera Sony Alpha A6600 18-135mm Lens 1 Unit Mixer Yamaha MG10XU 1 Unit Saramonic Wireless Microphone Blink 500 B2 1 Unit Seinheiser E914 1 Unit OBO Camera Tripod Combo A250 1 Unit UPS APC BV1000I-MS 1 Unit vMix 4K 1 Unit FEIYU Gimbal Stabilizer G6 Max 1 Unit Printer HP Color LaserJet Pro MFP M181fw
Supportive document:	NA

University contribution to establishing ANGEL Hub and the estimated value and cost:	IDR 138,300,000 (space, furniture, extra equipment) or about EUR 8,200
If applicable, third-party contributors:	N/A

## Personnel

<b>Personnel</b>	
<b>Name of the person responsible of the Unit:</b>	Bagus Panuntun, SE, MBA, CWM, CFP, CSA.
Position:	Head of ANGEL Innovate Unit (PEIAB)
Email:	bagus.panuntun@uui.ac.id
Telephone:	+62 899-9099-399
<b>Name of the person responsible of the Unit:</b>	Santo Ajie Dhewanto, ST., MM.
Position:	Division Head of Innovation Ecosystem
Email:	santo.ajie@uui.ac.id
Telephone:	+62 811-268-510
<b>Name of the person responsible of the Unit:</b>	Majang Palupi, BBA., MBA.
Position:	Division Head of Business Acceleration
Email:	majang_palupi@uui.ac.id
Telephone:	+62 896-6684-2990
<b>Name of the person responsible of the Unit:</b>	Teguh Rizkiawan, SH
Position:	Staff of Technology Transfer Services
Email:	teguh.rizkiawan@students.uui.ac.id
Telephone:	+62 85724289124



<b>Name of the person responsible of the Unit:</b>	Widhi Nurazizah, SH.
Position:	Staff of Technology Commercialisation Services
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Telephone:	
<b>Name of the person responsible of the Unit:</b>	Lutfi Hakim, SE., MBA., MiM.
Position:	Manager of Business Acceleration
Email:	hakim.lutfi@outlook.com
Telephone:	+62 82136-994-990
<b>Name of the contact person:</b>	Lutfi Hakim, SE., MBA., MiM.
Position:	Manager of Business Acceleration
Email:	hakim.lutfi@outlook.com
Telephone:	+62 82136-994-990
<b>Number of admins, academics or researchers involved:</b>	2 persons

## Cambodia

### University of South-East Asia (USEA)

#### Overview

Mission:	<ol style="list-style-type: none"> <li>To equip top management, academic staff, administrative staff, and students of the University of South-East Asia with green entrepreneurial mindset and transformational leadership skills to meet the needs of national and international markets.</li> <li>To enhance women, minorities, poor income groups, and disabilities to be aware of green entrepreneurship and leadership in order to contribute to community and social development.</li> </ol>
Structure:	<pre> graph TD     Dean[Dean Faculty of Economics, Business and Tourism] --&gt; Director[Director of ANGEL Innovate Unit]     Director --&gt; TTT[Technical &amp; Training Team]     Director --&gt; ASR[Academic Staff Relations]     Director --&gt; ASR[Administrative Staff Relations]     Director --&gt; SR[Student Relations]     Director --&gt; CR[Community Relations] </pre>



Activities:	<ol style="list-style-type: none"> <li>1. Review curriculum, faculty of Economics, Business and Tourism;</li> <li>2. Develop training materials;</li> <li>3. Organize workshops and trainings on green entrepreneurship and leadership to top management, academic staff, administrative staff, and students of the University of South-East Asia;</li> <li>4. Disseminate green entrepreneurship and leadership to the community via social media and workshop; and</li> <li>5. Organize workshops and trainings on green entrepreneurship and leadership to stakeholders, women, minorities, poor income groups, and disabilities.</li> </ol>
Specific marginalised/disadvantaged groups to be focused	Women, minorities, poor income groups, and disabilities
Infrastructure and process needed for inclusion of marginalised/disadvantaged groups:	USEA-ANGEL Innovate Unit is located on the ground floor of building B of the University and it is easy to access the Innovate Unit especially disabilities.
Article/Announcement of opening:	-
External Ecosystem or relevant stakeholders/collaborations (if available)	-
Internal Ecosystem or relevant stakeholders/collaborations (if available)	<ul style="list-style-type: none"> <li>- USEA-American Corner</li> <li>- USEA-Career Center</li> </ul>

Address:	Address: Wat Bo Village, SangkatSalakamrork Room: American Corner Floor: Ground floor of Building B
City:	Siem Reap
Country:	Cambodia
Website:	<a href="http://www.usea.edu.kh">www.usea.edu.kh</a>
Starting Date:	December 2022
Equipment purchase:	<ul style="list-style-type: none"> <li>- 1 MacBook Pro 16.2" M1 Pro</li> <li>- 1 Macbook Pro 13.3" M2 2022</li> <li>- 4 iMac 24-inch</li> <li>- 1 Custom Build PC</li> <li>- 1 Laptop ROG Strix Scar 17 G733ZM</li> <li>- 2 Tablet Surface Pro X LTE</li> <li>- 1 Epson EcoTank L14150 A3+ Wi-Fi DuplexWide-Format All-in-One Ink Tank Printer</li> <li>- 2 Printer Canon Original Ink Tank G7070</li> <li>- 1 Photocopy Machine (Rico)</li> </ul>
Supportive document:	-



## Personnel

<b>Name of the person responsible of the Unit:</b>	Mr. Teal Youlong
Position:	Dean, Faculty of Economics, Business and Tourism
Email:	youlong2019@usea.edu.kh
Telephone:	+855 77 737 292
<b>Name of the person responsible of the Unit:</b>	Mr. Rin Ratha
Position:	Deputy Director of International Relations Office
Email:	ratharin22@usea.edu.kh
Telephone:	+855 87 863 388
<b>Name of the contact person:</b>	Mr. Rin Ratha
Position:	Deputy Director of International Relations Office
Email:	ratharin22@usea.edu.kh
Telephone:	+855 87 863 388
<b>Number of admins, academics or researchers involved:</b>	Admins: 15 Academics: 40 Researchers: 5

## Institute Technology of Cambodia (ITC)

### Overview

Mission:	Support green tech start-ups through incubation programs on both technologies and business for shortening the duration of the venture from lab to market.
Structure:	ANGEL Innovate Unit is a unit under Research and Innovation Center of ITC.
Activities:	<p>Programs related to Developing Green Ecosystems such as:</p> <ol style="list-style-type: none"> <li>1. Green Ideation and ideacultivation.</li> <li>2. Green Business coaching and mentoring.</li> <li>3. Coaching &amp; Assistance Services for Green Commercialisation Technologies.</li> </ol>
Specific marginalised/disadvantaged groups to be focused	People with Disability/Rural Poor/ Displaced people/



Infrastructure and process needed for inclusion of marginalised/disadvantaged groups (If applied)	Inclusion support and free mentoring services of digital and green entrepreneurial competencies.
Article/ Announcement of opening (if available):	N/A
External Ecosystem or relevant stakeholders/collaborations	Government, Business Organisation & Corporations, Non Profit Organisation, and group of Researchers/Inventors
Internal Ecosystem or relevant stakeholders/collaborations	Techno Incubation Center, Research and Innovation Center, University Industrial Linkage, Faculty and Department.

Address:	5 <sup>th</sup> Floor, Building I, Room 602I, Institute of Technology of Cambodia
City:	Phnom Penh
Country:	Cambodia
Website:	N/A
Starting Date:	1 <sup>st</sup> April 2023
Equipment purchase:	2 x Laptop Dell G15 Gaming 5511

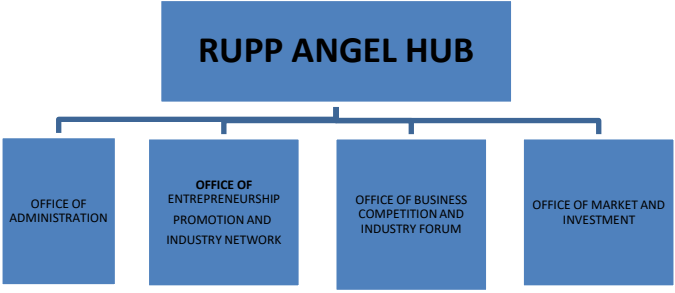
## Personnel

<b>Name of the person responsible of the Unit:</b>	Dr. Yoeun SereyVath
Position:	Lecturer and Researcher
Email:	<a href="mailto:svath@itc.edu.kh">svath@itc.edu.kh</a>
Telephone:	+855 10348588
<b>Name of the person responsible of the Unit:</b>	Mr. Kong Sela
Position:	Lecturer and Researcher
Email:	<a href="mailto:selakong@itc.edu.kh">selakong@itc.edu.kh</a>
Telephone:	+855 77200594
<b>Name of the person responsible of the Unit:</b>	Dr. Srang Sarot
Position:	Head of Dynamics and Control Laboratory
Email:	<a href="mailto:srangsarot@itc.edu.kh">srangsarot@itc.edu.kh</a>
Telephone:	+855 85689858
<b>Name of the person responsible of the Unit:</b>	Mr. Keo Chivorn
Position:	Lecturer and Researcher
Email:	<a href="mailto:chivorn.keo@gsc.itc.edu.kh">chivorn.keo@gsc.itc.edu.kh</a>
Telephone:	+855 10651046

## Royal University of Phnom Penh (RUPP)



## Overview

<p>Mission:</p>	<ul style="list-style-type: none"> <li>to connect the university to industry and the community in the involvement of the Ecosystem through internship, incubation, entrepreneurship, industry branding, research, and investment activities.</li> <li>to further sustain and strengthen the Ecosystem to support the green business, there are need to             <ol style="list-style-type: none"> <li>strengthen university-industry linkage to address practical demands of the workforce and research and development on environment</li> <li>develop and harmonize regulatory and policy frameworks to strengthen digital curricular</li> <li>promote inclusive awareness of literacy and universal education on STEM, enhance digital capacity for SMEs, and special support to women and girls living in rural areas.</li> </ol> </li> </ul>
<p>Structure:</p>	
<p>Activities:</p>	<ol style="list-style-type: none"> <li>Developing the capacity of administrative staff in the RUPP ANGEL Hub for effective operations</li> <li>Incorporating green entrepreneurship and leadership in related curricula at RUPP</li> <li>Promoting green entrepreneurship and leadership among RUPP undergraduates and stakeholders</li> <li>Developing research infrastructure for green entrepreneurship and leadership</li> </ol>
<p>Specific marginalised/disadvantaged groups to be focused:</p>	<p>People with Disability, Rural Poor, Urban Poor, Displaced people, and Indigenous People.</p>
<p>Infrastructure and process needed for inclusion of marginalised/disadvantaged groups:</p>	<p>RUPP provides a working space for RUPP ANGEL HUB on the 6th of STEM Building and equipments are available to be used with preparing ANGEL guide specifications and delivery, reviewing ANGEL training tools and materials as well as preparing ANGEL training program. The infrastructure and equipment will be developed or renovated according to the needs of students, academic staff and community.</p>





Article/ Announcement of opening (if available):	Click here for the <a href="#">link</a> of rupp website on Angel project publication. Click here for the <a href="#">Facebook page</a> I-stand 2pecs wall plague – 1 pec
External Ecosystem or relevant stakeholders/collaborations:	Government, Business Organisations & Corporations, Non-profit Organisations, and Researchers, Inventors, and industry partners
Internal Ecosystem or relevant stakeholders/collaborations:	Faculties, Institutes and centers under RUPP

Address:	Room 605 STEM building on the 6 <sup>th</sup> floor at RUPP, Russian Federation Boulevard, Toul Kork, Phnom Penh.
City:	Phnom Penh
Country:	Cambodia
Website:	<a href="https://rupp.edu.kh/">https://rupp.edu.kh/</a>
Starting Date:	15-October-2021
Equipment purchase:	<ol style="list-style-type: none"> <li>1. iMac (1 pcs)</li> <li>2. OptiPlex 5490 pcs (4 pcs)</li> <li>3. Canon EOS (AIO 23.8" Non-Touch) (1 pcs)</li> <li>4. MacBook Pro Retina +EF MVVJ2LL Gray (2 pcs)</li> <li>5. Laptop ASUS Vivobook (3 pcs)</li> <li>6. Printer HP LazerJet Pro MFP M479 fwd Color (4 in 1) (2pcs)</li> </ol>
Supportive document:	-

## Personnel

<b>Name of the person responsible of the Unit:</b>	Asst. Prof. Kean Tak
Position:	Project Coordinator
Email:	<a href="mailto:kean.tak@rupp.edu.kh">kean.tak@rupp.edu.kh</a>
Telephone:	+855 12 939 240
<b>Name of the person responsible of the Unit:</b>	Asst. Prof. VONG Chorvy
Position:	IQA Board
Email:	<a href="mailto:vong.chorvy@rupp.edu.kh">vong.chorvy@rupp.edu.kh</a>
Telephone:	+855 12 229 279
<b>Name of the contact person:</b>	Dr. Or Vitou
Position:	Project Manager
Email:	<a href="mailto:or.vitou@rupp.edu.kh">or.vitou@rupp.edu.kh</a>
Telephone:	+855 76 689 8889
<b>Name of the contact person:</b>	Mr. Kong Vanda
Position:	Trainer





Email:	<a href="mailto:kong.vanda@rupp.edu.kh">kong.vanda@rupp.edu.kh</a>
Telephone:	+855 90 551 182
<b>Number of admins, academics or researchers involved:</b>	35 administrative staff and 10 academic staff

## Laos

### Savannakhet University (SKU)

#### Overview

Mission:	<p>Mission 1: To train people from communities especially from rural area to become innovate and green entrepreneurs who will be able to conceive idea of innovative products and services procedures and turn these to eventually commercial able ones commodities.</p> <p>Mission 2: To conduct research on tapping comparative advantage endowed by specific geographic zones in rural area of Lao PDR to be innovative and environmentally friendly products and service that can eventually commercialize.</p>
Structure:	<pre> graph TD     DS[Director Secretariate] --&gt; VD1[Vice Director 1 (Research)]     DS --&gt; VD2[Vice Director 2 (Training Development)]     VD1 --&gt; PW[Proposal writing]     VD1 --&gt; FR[Fund Raising and Financial Management]     VD1 --&gt; ME[Monitoring and Evaluation]     VD1 --&gt; RPI[Research Project Implementation]     VD2 --&gt; S[Survey]     VD2 --&gt; T[Training]     VD2 --&gt; RFD[Research Finding Dissemination] </pre>
Activities:	Start-up courses, incubators, seminars, classes, training and development (Research finding and dissemination)
Specific marginalised/disadvantaged groups to be focused	People who are interested in starting running green business entrepreneur can participate the training or workshops provided by SKU-ANGEL Hub, especially female and marginalized students, people from rural areas.
Infrastructure and process needed for inclusion of marginalised/disadvantaged groups:	The location of the hub is located in the ground floor of the building allowing ease of access for disabled and special need persons.



Article/ Announcement of opening:	SKU-ANGEL innovative hub is an implantation project unit under the SKU-ANGEL Steering committee and Faculty of Food Sciences, in which it is directly managed by the vice-president in charging of the project.
External Ecosystem or relevant stakeholders/collaborations:	Mitr Lao Sugar Co.,Ltd
Internal Ecosystem or relevant stakeholders/collaborations:	Faculty of Food Sciences, Faculty of Business Administration, Faculty of Agriculture and Environment

Address:	Innovative Center Building, Nomgphue campus, Nongphue village, Kaysone Phommavithane city, Savannakhet province, Lao PDR
City:	Savannakhet
Country:	Lao PDR
Website:	NA
Starting Date:	December 2022
Equipment purchase:	6 Workstations 5 Laptops 1 LCD Projector 1 HP Printer: Color LaserJet Pro MFP
Supportive document:	N/A

## Personnel

<b>Name of the person responsible of the Unit:</b>	Assoc. Prof. Dr. Sitha Khemmarath
Position:	Vice – President of SKU
Email:	skhemmarath@gmail.com
Telephone:	+856 20 57 381 426
<b>Name of the person responsible of the Unit:</b>	Maninout Phothirhath
Position:	Acting Head of Agribusiness and Marketing Department
Email:	maninouthpho@gmail.com
Telephone:	+856 20 90 389 899
<b>Name of the contact person:</b>	Anongsak Mahavong
Position:	Head of International Relations Division
Email:	anongsackm@yahoo.com
Telephone:	+856 20 23 699 959
<b>Number of admins, academics or researchers involved:</b>	3 academics and 1 admin





## Champasack University (CU)

### Overview

Mission:	<ul style="list-style-type: none"> <li>- To develop a system of providing technical services in terms of green entrepreneurship and leadership to entrepreneurs within the four southern provinces in Laos.</li> <li>- to be able to upgrade the knowledge skills in providing technical services to teachers and students in Champasack University, in order to contribute to the national economic-social development.</li> </ul>
Structure:	<ol style="list-style-type: none"> <li>1. Dr. Bounthom SISOU MANG, Acting Dean, Faculty of Economic and Management, Director</li> <li>2. Mr. Oudtakone SINGTHONG, Deputy Head of Management Department, Deputy Director</li> <li>3. Mr. Vannasinh SOUVANNASOUK, Lecturer, Faculty of Economic and Management, Committee</li> <li>4. Mr. Thanousinh PHAXAYSITHIDET, Lecturer, Faculty of Economic and Management, Committee</li> <li>5. Mr. Mixay THONKHAM, Lecturer, Faculty of Economic and Management, Committee</li> <li>6. 6 Students at the Faculty of Economics and Management, Assistants</li> </ol>
Activities:	<ol style="list-style-type: none"> <li>1. develop training curriculum,</li> <li>2. organize training and seminar on various issues related to green entrepreneurship and leadership and share experiences and offer creative ideas to build their local communities.</li> <li>4. Provide consultancy service in green entrepreneurship and leadership to staff, teachers, students, and general entrepreneurs in sustainability</li> </ol>
Specific marginalized/disadvantaged groups to be focused:	Everyone who are interested in the start-ups business, or green entrepreneur and intent to succeed in business sustainability.
Infrastructure and process needed for inclusion of marginalized/disadvantaged groups:	The ANGEL Innovate Unit Room is located at the Faculty of Economic and Management Building, 2 <sup>nd</sup> Floor, Room number 202





Article/ Announcement of opening:	The ANGEL Innovative Unit of CU is an implantation project unit under the CU-ANGEL Steering Committee of the Faculty of Economic and Management, which is in charge of CU-project manager.
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Address:	Champasack University, Chatsanh Village
City:	Pakse, Champasack Province
Country:	Lao PDR
Website:	www.cu.edu.la
Starting Date:	03 November 2022
Equipment purchase:	<ol style="list-style-type: none"> <li>1. Desktop (CPU &amp; Monitor 23.8" DELL) DELL</li> <li>2. Desktop Computer ACCER</li> <li>3. Laptop Computer DELL</li> <li>4. Laptop Computer MacBook Pro-13"</li> <li>5. Projector (LCD) ACER</li> <li>6. Wall Screen (LCD) ACER</li> <li>7. Printer EPSON</li> <li>8. Printer BROTHER</li> <li>9. Camera Panasonic LUMIX</li> <li>10. ELGATO CAMLINK 4k</li> </ol>
Supportive document:	N/A

University contribution to establishing ANGEL Hub and the estimated value and cost:	CU support the room for establish ANGEL Innovate Unit. The room is renovated for ANGEL Innovate Unit such as the floor, installation table, chairs, white board and curtains, and the estimated value for all contribution is Euro 4,363
If applicable, third-party contributors:	N/A

## Personnel

<b>Name of the person responsible of the Unit:</b>	Dr. Bounthom SISOU MANG
Position:	Dean, Faculty of Economic and Management
Email:	sbounthom@yahoo.com
Telephone:	+856 20 55435870
<b>Name of the person responsible of the Unit:</b>	Mr. Oudtakone SINGTHONG
Position:	Deputy Head of Management Department
Email:	<a href="mailto:outakone@hotmail.com">outakone@hotmail.com</a>
Telephone:	+856 20 54 539 882
<b>Name of the contact person:</b>	Mr. Vannasinh SOUVANNASOUK
Position:	Lecturer, Faculty of Economic and Management

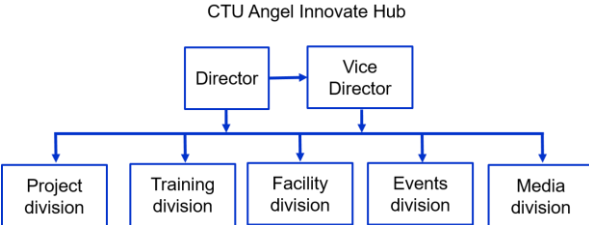


Email:	<a href="mailto:yannasinhnoummin@gmail.com">yannasinhnoummin@gmail.com</a>
Telephone:	+856 20 95 156 459
Number of admins, academics or researchers involved:	2 Lecturers and 6 students

## Vietnam

### Can Tho University (CTU)

#### Overview

Mission:	Serving the student and faculty of Can Tho University for activities related to creativity and innovation, start-up, project based-learning courses, and industry connection
Structure:	<p style="text-align: center;">CTU Angel Innovate Hub</p>  <pre> graph TD     Director[Director] --&gt; ViceDirector[Vice Director]     Director --&gt; Project[Project division]     Director --&gt; Training[Training division]     Director --&gt; Facility[Facility division]     Director --&gt; Events[Events division]     Director --&gt; Media[Media division]     ViceDirector --&gt; Project     ViceDirector --&gt; Training     ViceDirector --&gt; Facility     ViceDirector --&gt; Events     ViceDirector --&gt; Media           </pre>
Activities:	Seminars, start-up courses, project based learning, course projects, final projects, and research activities
Specific marginalised/disadvantaged groups to be focused	N/A
Infrastructure and process needed for inclusion of marginalised/disadvantaged groups	N/A
Article/ Announcement of opening:	Dicision of University Rector for establishing the CTU Angel innovate hub
External Ecosystem or relevant stakeholders/collaborations	Korea and Vietnam incubator park
Internal Ecosystem or relevant stakeholders/collaborations	Center for students consultancy, assistancy and start-up

Address:	First floor of the building of college of ICT, Campus II, 3/2 street, Xuan Khanh ward, Ninh Kieu district, Can Tho city, 900000, Vietnam
City:	Can Tho
Country:	Vietnam
Website	<a href="https://mis.ctu.edu.vn/">https://mis.ctu.edu.vn/</a>
Starting Date:	2019



Equipment purchase:	8 Apple MacBooks, 5 Dell OptiPlex PCs, 1 Epson projector, 2 HP black and white printers
Supportive document:	N/A

## Personnel

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<b>Number of admins, academics or researchers involved:</b>	3 academics and 1 admin

## Hanoi University of Mining and Geology (HUMG)

### Overview

Mission:	To be a space for the students and faculties of HUMG to become innovative and understand the mission of green entrepreneurs/leaders in their start-up projects, helping them one hand to enable their initiative to salable goods and services for the sustainable development.
Structure:	<p style="text-align: center;"><b>HUMG Innovation Hub</b></p> <pre> graph TD     Director["Director (cum academic staff)"] --&gt; ViceDirector["Vice Director (cum academic staff)"]     Director --&gt; Training["Training Division"]     Director --&gt; Project["Project Division"]     Director --&gt; Admin["Administrative Division"]     Director --&gt; Media["Media and Events Division"]     ViceDirector --&gt; Training     ViceDirector --&gt; Project     ViceDirector --&gt; Admin     ViceDirector --&gt; Media </pre>
Activities:	Seminars, training workshops, start-up courses, project-based learning, course projects, final projects, and research activities (including dissemination)

Specific marginalised/disadvantaged groups to be focused:	N/A
Infrastructure and process needed for inclusion of marginalised/disadvantaged groups:	The location of the Hub is in the ground floor of the main classroom building. All students and staff easily access
Article/ Announcement of opening:	Decision of University Council and University Rector for establishing the HUMG Angel innovate hub
External Ecosystem or relevant stakeholders/collaborations:	On-call
Internal Ecosystem or relevant stakeholders/collaborations:	Student Affair Office, Public and Entrepreneurs Relation Office

Address:	1 st Floor, Building A, 18 Pho Vien, Duc Thang, Bac Tu Liem
City:	Hanoi
Country:	Vietnam
Website:	<a href="https://humg.edu.vn/">https://humg.edu.vn/</a>
Starting Date:	15/01/2021
Equipment purchase:	-
Supportive document:	N/A

## Personnel

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<b>Name of the person responsible of the Unit:</b>	Assoc. Prof. Dr. Nguyen Viet Ha
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<b>Name of the contact person:</b>	Ms. Nguyen Thi Phuong Thao
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<b>Number of admins, academics or researchers involved:</b>	2 academics and 2 admin



## Conclusion

The ANGEL project has successfully fostered green entrepreneurship and transformational leadership within the ASEAN region. Beginning in November 2022, the project facilitated the establishment of **12 ANGEL Innovative Units** across **five ASEAN countries**, namely Malaysia, Indonesia, Cambodia, Lao PDR, and Vietnam. This effort initiated a crucial capacity-building process aimed at addressing entrenched issues such as poverty, low-quality jobs, the digital divide, and leadership gaps. In total, the Units directly engaged 40 academics, researchers, and administrative personnel, with an additional 184 individuals indirectly involved. These Units serve as hubs for entrepreneurial learning, partnership building, and the commercialization of university knowledge and technology, thereby creating a sustainable ecosystem that supports both internal stakeholders—students, academic staff, and university management—and disadvantaged groups such as women, minorities, and people with disabilities.

The collaboration between ASEAN partner institutions and European universities has been instrumental in transferring knowledge and best practices, which are essential for the success of the ANGEL initiative. Comprehensive training and strategic planning sessions, such as the workshop in Kuala Lumpur, have equipped universities with practical tools and methodologies to establish and sustain their green entrepreneurial centers. When the ANGEL project ends, its innovative units and hubs will play an important role for economic growth, innovation, and social inclusiveness across the region.

