UNIVERSITIES’ ROLE IN ARTIFICIAL INTELLIGENCE (AI) INNOVATION ECOSYSTEMS

Summary of Action Plans
BACKGROUND

In line with the Asia-Europe Foundation (ASEF)’s mission, we create opportunities for higher education managers from Asia and Europe to meet, learn from each other, and build capacity to address common global challenges together. We believe managers of higher education are in a unique position to transform and modernise their higher education institutions by introducing tech-savvy, inclusive and sustainable policies.

ABOUT THE PROJECT

The 1st ASEF Higher Education Innovation Laboratory (ASEFInnoLab1) was titled “Universities’ Role in Artificial Intelligence (AI) Innovation Ecosystems”. It was an 8-week long online project, that brought together university managers, administrators and academics to exchange good practices, co-create new ideas and explore areas for collaboration among their institutions. They discussed strategies to enhance the role of their institutions in the development of artificial intelligence innovation ecosystems, along the following two topics:

1 | Teaching and Entrepreneurship for AI Innovation Ecosystems
2 | Research and Technology Transfer in AI Innovation Ecosystems

KEY OBJECTIVES OF THE PROJECT

The ASEFInnoLab1 aimed to

EXPAND KNOWLEDGE
Enhance understanding of data and artificial innovation ecosystems, and universities’ role in advancing them.

STIMULATE INNOVATIVE IDEAS
Through learning from experts and peers, higher support education managers to develop innovative and actionable ideas on how to improve innovation strategies and practices in their institutions.

BUILD PEER SUPPORT NETWORKS
Create an Asia-Europe platform of practitioners to exchange good practices and promote collaboration in innovation for sustainable development in Asia and Europe.

KEY FACTS

Dates
- 8-weeks between 25 March – 13 May 2021

Format
- Online

Participants
- 28 higher education managers selected from 51 ASEM countries

Main Outcomes
- An enhanced understanding of universities’ role in AI Innovation Ecosystems
- New ideas and action plans to advance AI Innovation Ecosystems at participants’ higher education institutions
- A professional Asia-Europe wide peer support network

Partners
- Co-organised with Fudan University
- In partnership with the Association of Pacific Rim Universities

The detailed Project Overview is available here.
Programme Structure

The ASEFInnoLab was organised entirely virtual between 25 March – 13 May 2021. It was an 8-week engagement and required participants to set aside approximately 4 hours every week to prepare for and participate in the sessions. The Lab consisted of:

- **Synchronous activities:** Live sessions were organised each week, allowing for real-time conversation with renowned subject matter experts, university leaders in the field of AI and innovation ecosystems and collaborative work with peers.
- **Asynchronous activities:** The learning journey included self-paced study elements such as readings, videos, case studies, with collaborative learning elements such as live online presentations, group exercises, tailored to the challenges that participants define to work on.

The following topics were discussed:

- Week 1: Artificial Intelligence, What It Is, What It Is Not
- Week 2: Universities’ Role in Innovation Ecosystems
- Week 3: Governing AI Innovation Ecosystems
- Week 4: Teaching and Skill Needs of AI Innovation Ecosystems
- Week 5: Advancing Student Entrepreneurship in the AI Age
- Week 6: Research and Industry Relations in AI Innovation Ecosystems
- Week 7: Technology Transfer to Businesses in AI Innovation Ecosystems
- Week 8: Wrap up, Presentation of Action Plans of Participants

An overview of the Programme and Speakers is available here.

Highlights of the 1st Edition

- **28** Participants
- **22** ASEM countries represented
- **16** Speakers and experts
- **295** Applicants from 32 countries
- **8-week engagement** with synchronous and asynchronous learning activities
- **1,438** Unique website visitors
- **100%** would recommend ASEFInnoLab to a colleague
- **118,830** Social media reach
- **20 Action Plans** Drafted by participants
List of Action Plans

Disclaimer: This booklet introduces only the summaries of the Action Plans developed by the ASEFInnoLab participants.

**Develop the AI Innovation Ecosystem in Bangladesh**
*Bangladesh.* Md Masud PARVEZ, Assistant Director, Information Technology, Daffodil International University

**Establish the Pan-Eurasian Centre for AI Law**
*Belgium.* Mr Weuts RAPHAËL, Coordinator, Vlaamse AI Academie

**Community Driven AI Plus Innovation Ecosystem**
*Brunei Darussalam.* Dr Sharina YUNUS, Deputy Director, Enterprise Office, Universiti Teknologi Brunei

**GNOSIS: Enhance the University’s Research Profile in AI Innovation Ecosystems**
*Cyprus.* Dr Maria HADJIATHANASIOU, Research Fellow, Horizon 2020 (MSCA Widening), GNOSIS - Mediterranean Institute for Management Science, University of Nicosia

**Enhance the AI Innovation Culture and Ecosystem of the Ulysseus Alliance**
*Finland.* Mr Andres ARCHILA, AI Innovation Hub Officer, Haaga-Helia University of Applied Sciences

**Establish an AI Innovation Ecosystem in the University**
*India.* Prof Nilesh KALANI, Professor & Director - Internal Quality Assurance Cell RK University

**AI@JGU**
*India.* Mr Sivaswamy RAMACHANDRAN, Professor of Practice and Vice Dean, O.P. Jindal Global University

**Develop the Deep Learning Research Centre**
*Indonesia.* Dr Afiahayati, Head of Intelligent System Laboratory, Faculty of Mathematics, Universitas Gadjah Mada

**Develop an AI-driven Platform for Career Counselling**
*Lithuania.* Prof Dr Regina VALUTYTE, Vice-Rector for Academic Affairs, Mykolas Romeris University

**Artificial Intelligence and University Administration**
*Luxembourg.* Dr Laurent FRIDÉRES, Deputy Director of Administration, University of Luxembourg

**Develop the Universiti Malaysia Kelantan AI Innovation Ecosystem**
*Malaysia.* Dr Muhammad Akmal REMLI, Director, Institute for Artificial Intelligence & Big Data, Universiti Malaysia Kelantan

**Establish an Innovation Park in the Mirpur University of Science and Technology**
*Pakistan.* Dr Faisal RIAZ, Associate Professor, Lead of Control, Automotive and Robotics Lab, Mirpur University of Science and Technology

**Establish an AI Innovation Culture and Ecosystem in the University**
*Philippines.* Ms Richel LAMADRID, Director, University Research & Innovation Centre, Saint Louis University

**Future of Artificial Intelligence Research Laboratory (FAIR): Eight Projects**
*Philippines.* Dr Manuel MUHI, President, Polytechnic University of the Philippines

**Research Related to AI impact on Management and Entrepreneurship**
*Poland.* Mr Rafal KASPRZAK, PhD Candidate, SGH Warsaw School of Economics

**The Artificial Intelligence and Digital Economy Centre – 7 Steps to Success**
*Russia.* Mr Vladimir KHRYASHCHEV, Head of Centre for Artificial Intelligence and Digital Economy, Yaroslavl Demidov State University
The Russky.Digital Project
Russia. Dr Elena SAPRYKINA, Vice Dean for Academic Affairs, Institute of Mathematics & Computer Technologies, Far Eastern Federal University

Re-building an AI Innovation Culture and Ecosystem in the University
Slovakia. Mrs Viera BORDOY, Project Manager, Faculty of Informatics and Information Technologies, The Slovak University of Technology in Bratislava

Short-term Roadmap to Developing the AI Innovation Ecosystem
Spain. Ms Olga FRANCES, General Manager, Science Park, University of Alicante

Develop China’s First Systematic Web-based Educational Self-assessment and Training System for Breast Cancer Screening Professionals
United Kingdom. Ms Min ROSE, Deputy Director of Knowledge Exchange Asia, University of Nottingham

To learn more about the participants’ profile, open the Participants’ Booklet here.
DEVELOP AN AI INNOVATION ECOSYSTEM IN THE UNIVERSITY

DAFFODIL INTERNATIONAL UNIVERSITY
Daffodil International University is a top-ranked IT-based university in Bangladesh. Its mission is defined by its IT-based traditions of service and access. The University serves the country through the provision of instructions, research, and outreach programs to successfully respond to the challenges of the global economy.

SUMMARY OF THE ACTION PLAN
The action plan focuses on the role of AI innovation in the University and the potential for collaboration between the university and industry in advancing research within the field of AI.

University AI-based Automation System – This system would affect a myriad of functions within the university, such as but not limited to admissions, mentoring systems, student feedback systems, student dropout systems, helpdesk and chatbot, and security surveillance systems. The University AI-based automation system process’ in the university will provide faster and more user-friendly service to students. The value proposition of this key action area is centred on student service.

AI-based University Learning Management System with a low-cost exam proctoring system. The entire learning system of the university went online in response to COVID-19. Online-based examination was observed to be most challenging. Some companies provide exam proctoring systems. However, these are very costly. Thus, the proposal to develop a low-cost exam proctoring system based on AI innovation. This action will require a research process that will engage a significant number of students and members of the faculty.

Collaboration between the University and Industry to advance research on AI. Considering the challenges faced in Bangladesh, the action plan identified potential opportunities partners and emphasised the importance of collaboration between the University and Industry for AI innovation ecosystems to develop.

Using the business model canvas, the proposed action plan identified essential channels that could best reach stakeholders, specifically these channels are the University’s alumni network, partners, social network, and physical communication.
ESTABLISH THE PAN-EURASIAN CENTRE FOR AI LAW

THE LEUVEN AI FORUM
The Leuven AI Forum (LAIF) is a non-profit which was established in 2019. It is a community of like-minded AI enthusiasts. LAIF aspires to bridge the gap between people and AI by making others conscious of its profound implications, enabling a safe future coexistence with AI.

SUMMARY OF THE ACTION PLAN
The Pan-Eurasian Centre for AI Law will bridge the gap between academia and professionals. In line with the establishment of this centre are key action areas, such as connecting legislators in the EU with experts and thought-leaders in intellectual property (IP) rights and related fields of law for AI-related legislation. The centre can also connect legislators with AI researchers, start-ups and scale-ups; digital regulation agencies and AI legislation implementors in the AI industry. The centre also sets the spotlight on AI law research and policy development for researchers and relevant policy advisors.

The Centre will also offer a Micro Degree in AI Law for IT IP Lawyers & AI Engineers thus being the central hub for AI Law expertise in Eurasia.

“’We welcome more experts to our Advisory Board to deliver AI Law expertise to academics and professionals, and co-create this new educational program on AI Law”

MR RAPHAEL WEUTS
BELGIUM
PRESIDENT, LEUVEN ARTIFICIAL INTELLIGENCE FORUM; COORDINATOR, VLAAMSE ARTIFICIAL INTELLIGENCE ACADEMIE

ABOUT THE ORGANISATION
OFFICIAL WEBSITE OF THE VLAAMSE ARTIFICIAL INTELLIGENCE ACADEMIE
OFFICIAL WEBSITE OF THE LEUVEN ARTIFICIAL INTELLIGENCE FORUM
COMMUNITY DRIVEN AI PLUS INNOVATION ECOSYSTEM

UNIVERSITI TEKNOLOGI BRUNEI (UTB)
The COVID19 is the biggest disruptive force in the last century. It has laid bare vulnerabilities in the global economy, education system, public health system and food supply system.

The pandemic has also impacted the innovation ecosystem across the globe. Significant funding from government agencies was almost immediately rerouted to healthcare for large scale testing and treatment.

As a result, many universities will be forced to re-assess their value, their role to students and to their countries. Universities must be proactive to better align themselves with business innovation and societal needs. It must seize the opportunity to contribute to society or risk becoming irrelevant. A university that is connected to the community will not just survive the pandemic but thrive. They will be highly valued, appreciated and supported.

SUMMARY OF THE ACTION PLAN
This action plan has three stages of development: Initialization stage action plan, expansion stage action plan, mature stage action plan.

The initialisation stage of the action plan includes key action areas such as ‘stimulus’ – allocation of AI grants to encourage AI plus R&D and pilot studies and creating awareness about the opportunities that exist within the community. These will be for the co-creation and co-innovation of AI products and services.

The expansion stage of the action plan includes the ‘stimulus’- bigger grants to scale-up AI R&D; awareness through an advertisement campaign to highlight UTB AI initiative and build the brand name; activation through AI-focused curriculum to...
To take on more complex AI projects and a dedicated AI customer relationship office to help clients bridge the gap between business and technology acquisition of dedicated AI Infrastructure and projects with high value focusing on PMF and end-user adoption. And revenue through grants, IP, Licensing, Equity stake in start-ups; retention of AI project competition to generate and sustain interest, awards and rewards.

The mature stage action plan includes the stimulus through joint grants with internal-external partners.; awareness of AI for Digital Process and Chain transformation; activation of key Partner in AI Innovation Ecosystem; acquisition of dedicated AI living lab in partnership with corporate, and industry partners and regional and international partnership and venture; revenue from grants, industry partners, consultancy, equity in business; and referrals from customers as advocates, and UTB Brand marketing.

The pandemic has created both challenges and opportunities. The global unemployment rate has risen to its highest level not seen since 1948. Interestingly, the pandemic has caused a surge in the number of digital entrepreneurs who seek to respond to the changing needs of society and laid-off workers from around the world are launching their own businesses. The world has witnessed the accelerated adoption of AI in healthcare and businesses. This trend is set to continue with International Data Corporation (IDC) recently forecast that global AI spending will rise to $96.3 billion in 2023. Furthermore, the pandemic lockdowns have also affected consumer behaviour in ways that will spur AI’s growth and development.

The focus on Community-Driven AI is the future of the action plan. The current economic climate is driving the bottom-up approach of a community-driven AI, which has the potential to accelerate innovation in the same way open-source has done for the internet. It can overcome the adoption barrier due to mistrust of AI by empowering communities to be involved in process of building the AI through co-innovation and co-creation platforms. A community-driven approach works not only for development but also for data gathering. The co-creation process with communities is also attractive because it can help reduce the cost of development and democratizing AI.

UTB AI Maturity Model - The model is designed to help UTB grow its AI education and research capabilities. There are three distinct stages in the model: Initialization stage; Expansion stage; Mature stage. In the initialization stage, the focus is on capacity building and concept proofing. The second stage is focused on the expansion of the AI Team, AI infrastructure and AI innovation in various fields. The third and final stage is focused on the democratisation of AI.
ENHANCE THE UNIVERSITY’S RESEARCH PROFILE IN AI INNOVATION ECOSYSTEMS

GNOSIS, UNIVERSITY OF NICOSIA

The University of Nicosia is a rapidly developing university in Cyprus. The University has overcome local realities (such as the unresolved ‘Cyprus problem’) and has proven to be an agent of positive change for the whole region.

The University of Nicosia is now the largest private university in Cyprus, and it is comprised of the Schools of Business, Education, Humanities and Social Sciences, Law, Sciences and Engineering and Medical School. It offers more than 100 conventional on-campus and online/distance learning programs of study at the Bachelor, Master and Doctorate levels and currently counts more than 14,000 students from over 70 countries across the globe.

GNOSIS is a dynamic organization within the University that aims to produce cutting edge scientific knowledge in the wider field of Management. GNOSIS works with and for the industry and society to bridge academia and practice. It institutes itself as a regional leader and is recognised for its top experts in the wider Mediterranean region for research, publications, training, and synergies.

SUMMARY OF THE ACTION PLAN

The main goal of this action plan is to enhance the University’s research profile by establishing research collaborations. This will be supported via competitive and cross-sectoral funding schemes that allow for transnational synergies on AI innovation ecosystems.

Identified as an essential factor for the success of the action plan is the utilisation of the university’s resources. These resources include specialised laboratories, such as the AI Lab, IT Lab, and Engineering labs that are already established in the University. The University will also utilise its human resources, including its reputable faculty which excels in the cutting-edge fields of AI and Blockchain. Additionally, the university has teams in 19 cities around the world and has more than 400 university partners that facilitate students exchange programs and research partnerships which are considered as valuable resources.

“The Action Plan was a helpful first step towards the realisation of my organisation’s goal, and a step that was taken in a friendly, constructive, supportive, inspirational ‘ecosystem’"
ENHANCE THE AI INNOVATION CULTURE AND ECOSYSTEM OF THE ULYSSEUS ALLIANCE

THE ULYSSEUS ALLIANCE

The Ulysseus Alliance is part of the European Universities Initiative by the European Commission. The Ulysseus European University consists of six Universities: University of Seville (USE), Université Côte d’Azur (UCA), University of Genoa (UniGe), Technical University of Kosice (TUKE), Management Centre Innsbruck (MCI), and Haaga-Helia University of Applied Sciences.

The Innovation Hubs are the innovative joint structures for collaboration within the Ulysseus community, creating one innovation ecosystem.

These are at the centre of the co-creation process for transdisciplinary and challenge-driven education, intertwined with research and knowledge transfer programmes, and the promotion of citizen engagement and European values.

SUMMARY OF THE ACTION PLAN

The Ulysseus European University aspirers to provide the following by 2023 through five key action areas:

- Synchronisation and rapid deployment of activities within the Ulysseus structures and the Innovation Hubs.
- Using available resources (Labs, premises and knowledge) as leverage increasing innovation and research capabilities.
- Access, collaboration and synergy between campuses, Labs and research activities.
- Available Ecosystem to deploy pilot test, MVP, spin-off and business/service consulting.
- Access to multidisciplinary EU project proposals and research initiatives which would bring added value and exposure to a wider network (from local to European level).

The value proposition of this action plan is centred on the stakeholders and key customer segments of the Ulysseus European University. The value proposition is interlinked with activities such as living labs, incubator spin-offs, joint research centres, open classes, Erasmus +, and European joint degrees and online courses which the Ulysseus is working on.

“ASEFInnoLab helped me gain a better understanding of how the AI Innovation Hub can make the most of the emergence of these AI innovations while including internal and external stakeholders, course collaboration and student projects, and explore models of cooperation within AI business ecosystems and industry.”
ESTABLISH AN AI INNOVATION ECOSYSTEM IN THE UNIVERSITY

RK UNIVERSITY
The RK University envisions itself as a leading organisation that imparts holistic education to help students become responsible world citizens who are sensitive to the needs of society.

SUMMARY OF THE ACTION PLAN
The action plan aspires to develop an AI Innovation Ecosystem in the RK University which focuses on AI in from an academic perspective and AI for the purpose of university management, a practical perspective. The two key action areas are:

Introduce an Artificial Intelligence program at the undergraduate level. As indicated in the action plan, steps towards establishing an AI Program at the undergraduate level will include discussions with the Dean of the Faculty of Technology, identifying interested faculty members, forming a committee of interested staff and designing a proposed curriculum, receiving approval from the University Level Program Approval Committee, Board of Studies, and Academic Council and Board of Management.

Integrate AI technologies in the management information system of the university. As indicated in the action plan, steps towards AI technologies in the management of information systems include discussions with the Head of Information Technology, receiving approval from the Board of Management, and implementation of proposed changes in the Management Information System of the University.

The development of these key actions is plotted within an estimated range of 2-2.5 years.
O.P. JINDAL GLOBAL UNIVERSITY

O.P. Jindal Global University (JGU) is a non-profit global university established in 2009. JGU is a research-intensive university deeply committed to its core institutional values of interdisciplinarity and innovative pedagogy, pluralism and rigorous scholarship, and globalism and international engagement.

AI@JGU Program has been visioned to develop and promote centres of activity related to the learning, application, research and governance of Artificial Intelligence (AI). The establishment of the AI Innovation Centre is a primary initiative undertaken by the AI@JGU program.

SUMMARY OF THE ACTION PLAN

Currently, JGU is at the early stages of developing a strategy for setting up an AI Innovation Centre. The Innovation Centre will focus on engaging faculty, students, and global partners in the areas of AI ethics, law, policy and application of AI. Specifically, the centre will develop a policy framework to enable the Indian businesses to adopt AI applications in their operations. Develop targeted banking and financial services applications in consultation with entrepreneurial start-up ecosystems. The centre will also identify and develop opportunities that can influence and impact social structures using ethical AI, and promote and accelerate interdisciplinary learning in AI, psychological human behaviour, brain-inspired informatics and linguistics. Lastly, the centre will conduct seminars, teaching workshops, and courses in AI.

The plan for the AI Innovation Centre will be developed in four phases over the next five years. The first two phases require support and learnings from institutions that have already traversed this path. JGU, through its 10 schools related to social sciences and combined with other science and engineering-based higher education and research institutions will develop breakthrough ideas that can propel the use of AI on a broader basis.

Specific Planned Outcomes

During the first 6 months AI Innovation Centre sets the target key outcomes:

- Global Educational Institutions Engagement: Establish a working relationship with global educational institutions and research Centres like School of Philosophy, Fudan University and Institute of Science and Technology for Brain-Inspired Intelligence, Fudan University with leading technology vendors.
and establish MoU with Tech companies and govt agencies.

- **Socialise strategy**: Set agreements on a plan and approach with JGU Vice-Chancellor and Senior Advisors and Deans of JGU.
- **Conduct 2 seminars/workshops**: Possibly dedicated a day during the Global Finance Conclave (October 2021) with guests from ASEFinnoLab participants and guests.
- **Develop a detailed action plan**: Develop a detailed action plan for setting up the centre with an approved budget, staffing and infrastructure.

During the **next two years**, the AI@JGU program will significantly enhance its operations. The planned outcomes are the following:

- Establish AI and Digital Lab @ JGU
- Establish AI-related applications with start-up companies.
- Expand the number of AI-related courses.
- Collaborate with Industry for guest lectures and industry internships and placements.
- Schedule innovation sessions and seminars.

**Key Success Factors**

For the plan to succeed AI@JGU must find support by collaborating with key educational institutions and technology partners. Engagement and dialogue with management and AI start-ups are key drivers of change. Initial discussions with the Deans and Vice-Chancellors of the University indicates strong support for the Innovation Centre and its agenda. Continued commitment will be important to carry out the plans. Periodic discussions are planned. Initial discussions with technology partners and the entrepreneurship community have garnered excellent interest. These must be turned into tangible outcomes that have a societal and governmental impact.
DEVELOP THE DEEP LEARNING RESEARCH CENTRE

INTELLIGENT SYSTEMS LABORATORY, UNIVERSITAS GADJAH MADA

The Universitas Gadjah Mada (UGM) is a top university in Indonesia, and is the oldest and largest higher education institution in the country.

The challenge faced in Indonesia which is emphasised here is the growing demand of industries, universities, organisations, and governments for Deep Learning (DL) and how this demand can be met. To make the challenges far greater, there are no formal study programs dedicated to AI and DL in Indonesia. Additionally, access to high-performance computers (HPC) which are needed to research deep learning is extremely limited.

Thus, the Indonesian government has tapped the UGM for their skills, knowledge, and expertise to address this challenge. The Intelligent System Laboratory of the UGM is oriented to the development of computer reasoning methodology, especially the development of aspects of artificial intelligence.

SUMMARY OF THE ACTION PLAN

Dr Afiahayati is the Director of the Intelligent System Laboratory and faculty member of the Department of Computer Science and Electronics of UGM. The objective of her action plan is to develop the Deep Learning Research Centre with NVIDIA. NVIDIA has an established Deep Learning Institute (DLI) which provides international training and certification for Deep Learning. The idea is for NVIDIA to collaborate with the UGM, and potentially the Indonesian government.

The proposed DLRC will have 5 key activities:

- Talent training: DLRC will serve as the centre for DL talent training in Indonesia.
- Research: DLRC will serve as the centre for DL research.
- Innovation and Production: DLRC will serve as the centre for delivering products from research innovations.
- Hardware and Infrastructure Maintenance: DLRC will serve as the centre of HPC and support DL research and development.
- Partnership: DLRC will serve as the bridge between academics, industries, and the government.

“While designing my action plan, I learned many things from the speakers and other participants about universities’ role, teaching and skill needs, teaching entrepreneurship, research and industry relations, and technology transfer in AI Innovation Ecosystems. This BMC concept made me design an action plan comprehensively and realistically. My action plan has been approved by my faculty and key partners.”
The DLRC offers the following value proposition:

- Deep Learning training with an official certificate from University, the Indonesian Government and NVIDIA.
- The opportunity to experience international Research and Development (R&D) collaboration.
- The opportunity to an internship at NVIDIA.
- Gain Access to the current high specification supercomputers (HPC).

The identified customer segment of the DLRC is the following:

- Students, lecturers, academic staff at universities in Indonesia.
- Companies that need Deep Learning.
- Government agencies.

The talent training provided by the DLRC will be free of charge. However, participants must complete the training programme and pass the certification exam. This action plan will be coordinated and jointly funded by the UGM, NVIDIA and the Indonesian government.
DEVELOP AN AI-DRIVEN PLATFORM FOR CAREER COUNSELLING

MYKOLAS ROMERIS UNIVERSITY

Mykolas Romeris University (MRU) successfully implements one of its most important missions: to foster a culture of scientific research and innovation. MRU scientists and researchers carry out disciplinary and interdisciplinary fundamental and applied research in the social sciences and humanities. In 2015, the Social Innovations Laboratory Network (MRU LAB) was opened. At the MRU LAB, an interdisciplinary laboratory operates with the mission to adapt the latest social, humanitarian, technological research and achievements to the needs of society and business. There are about 600 scientists and researchers employed at the laboratory.

SUMMARY OF THE ACTION PLAN

An AI-driven platform for career counselling is important in response to the changing times. Higher education is undergoing tremendous change across the world well before COVID19 came into the picture. Due to changing attitudes and priorities of governments, state funding for higher education institutions is in the decline. Thus, there is a need for universities to strategise on how to attract investment from different funding sources. Consequently, universities take a more business approach towards education.

Additionally, in line with the perception that the main purpose of education is to prepare students for employment, universities set up career centres, use numerous platforms for accumulating a relevant dataset of industries and other job placement partners and facilitate students’ counselling services.

Thus, developing an AI-driven platform for career counselling promises a more coherent and systematic approach to addressing the demands of society and businesses. The system aims to increase the university job placement and enhance the provision of career services by providing individualised consultations for students based on their academic performance during the latter stage of their secondary education and the early stage of their tertiary education, as well as the individual character of the student. The system will enhance career counselling services and optimise internal processes at the university while offering a more targeted and individualised study programme based on the future career preferences of the student.
ARTIFICIAL INTELLIGENCE AND UNIVERSITY ADMINISTRATION

UNIVERSITY OF LUXEMBOURG

Researchers at the University of Luxembourg are very active in the field of artificial intelligence and in pushing the frontiers of knowledge in different application areas including financial services, robotics and systems biomedicine. Digital transformation and artificial intelligence are a focus area identified in the university’s strategy 2020-2039 as the university launches key initiatives in high-performance computing and data science. The university administration is digitalising to effectively support the research, teaching and outreach missions of the university.

SUMMARY OF THE ACTION PLAN

The action plan is to facilitate the adoption of artificial intelligence solutions in the administration. It consists of the following action areas:

**Action area 1: Explore the potential of AI** — Managers in different services of the administration need to develop an understanding of AI. Talent and technology are in proximity at the university with researchers in the field of AI and the university’s data centre and high-performance computing facility. There is scope for the administration to interact with experts in the field to explore and recognise the potential of AI.

**Action area 2: Reimagining work** - To get the most from potential AI solutions there is a need to reimagine the work in the university administration. This is a challenging exercise as it is about changing roles and responsibilities and reinventing operational processes, rather than simply plugging AI into an existing process. The key is to better understand, and frame user needs and problems, before jumping to a potential AI solution.

**Action area 3: Change with AI** — Adopting AI technologies requires change. Potential AI solutions need to be part of a wider change process in the administration. Developing the skills needed to capture AI technologies is also a key investment in people. Those skills can then be deployed to pull off a wider range of initiatives. Essential technological capabilities can also be built, and opportunities will emerge to reuse data and technology assets in the future.
DEVELOP THE UNIVERSITI MALAYSIA KELANTAN AI INNOVATION ECOSYSTEM

INSTITUTE FOR ARTIFICIAL INTELLIGENCE & BIG DATA, UNIVERSITI MALAYSIA KELANTAN

The establishment of a university in Kelantan was made as a component in the Ninth Malaysia Plan to support the quality of human capital development in the higher education sector. Specialised studies in the university are grouped into three main fields of studies, namely: Entrepreneurship and Business; Creative Technology and Heritage; and Agro-Based Industry and Earth Sciences.

SUMMARY OF THE ACTION PLAN

This action plan aims to develop the holistic AI innovation ecosystem in the Universiti Malaysia Kelantan. This proposed action plan has six action areas: AI Academic Teaching Excellence (AI-ATE), AI Research and Development Excellence (AI-R&D), AI Entrepreneurship and Start-up Excellence (AI-ESE), AI-oriented Staff Excellence (AI-SE), AI Networking Excellence (AI-NE) and AI Awareness Excellence (AI-AE).

The proposed action plan aspires to provide courses on current trends in AI for teaching purposes. These courses would include slide presentations and hands-on practice on topics related to AI. Considering the specialization of the University in entrepreneurship, the University can produce graduates that are both knowledgeable in AI and entrepreneurship. This will also lead to graduates that may be interested in establishing their own AI-related start-up which the university can support.

Additionally, through this action plan, the University can explore ways to help solve problems faced by local industries through AI-related Research & Development initiatives. The University can also expand its global network of experts in AI and promote the exchange of information related to the field.

Lastly, this action plan also takes into consideration upskilling of its staff concerning knowledge and skills related to AI development processes.

ABOUT THE ORGANISATION

DENMARK

DIRECTOR, INSTITUTE FOR ARTIFICIAL INTELLIGENCE & BIG DATA, UNIVERSITI MALAYSIA KELANTAN

OFFICIAL WEBSITE OF THE UNIVERSITI MALAYSIA KELANTAN

“Throughout ASEFInnoLab we learned a lot about how to implement AI ecosystems in our institutes. The engagement with facilitators and participants also gave the additional benefit to shape, share, and collaborate between participants.”
ESTABLISH AN INNOVATION PARK IN THE MIRPUR UNIVERSITY OF SCIENCE AND TECHNOLOGY

INTELLIGENT TRANSPORT LAB, MIRPUR UNIVERSITY OF SCIENCE AND TECHNOLOGY

The Mirpur University of Science and Technology (MUST) was established in 2009 and is based in Mirpur Azad Kashmir, Pakistan. The Intelligent Transport Lab is the first lab of the University to work on Control, Automotive and Robotics (CAR), which works in the field of self-driving cars using advanced artificial intelligence techniques. The Intelligence Transport Lab was awarded.

The Intelligent Transport Lab invented the EMO, an acronym used for dual seat Emotions Enabled Autonomous Vehicle. The basic purpose of this invention was to design a human-inspired truly autonomous vehicle, which makes decisions while using both cognitive and emotional cues.

SUMMARY OF ACTION PLAN

Essential to this action plan in collaboration with industry and involvement of external funding sources to boost the activities of Innovation Park.

Artificial intelligence is rapidly changing the world and powering the fourth industrial revolution. However, there is no “made in Pakistan” industrial revolution 4.0. There are no smart manufacturing products that earn revenue from the global multibillion-dollar industry. Moreover, many other advanced applications have not made their way to Pakistan due to a lack of resources.

In response to this context, the action plan proposed envisages the establishment of an innovative park in Pakistan. The Park will hold the collaboration of various companies working in artificial intelligence and joining forces to bring advanced technologies to Pakistan. The companies will be facilitated to collaborate with international platforms and propose transfiguring ideas to bring them into reality. The hub of companies will be focused on science, technology, and innovation, to prepare Pakistan for the challenges and opportunities of the 4th industrial revolution and provide the best possible opportunities in the science and technology sector to the youth. The innovation park is foreseen to play a role in impact governance, healthcare delivery, education of youth, digital marketing, branding, advancing transportation and decision-making in many other fields of life, as illustrated in Figure 1.
ESTABLISH AN AI INNOVATION CULTURE AND ECOSYSTEM IN THE UNIVERSITY

SAINT LOUIS UNIVERSITY

The Saint Louis University (SLU), based in Baguio, Philippines takes a proactive role in responding to the needs and challenges of the times. Now, SLU sees the importance of embracing AI innovation and entrepreneurship as tools for economic growth and job creation. Due to COVID19, SLU transitioned to online learning consequently accelerating the university’s recognition and acceptance of AI innovation.

There is a need for a community of AI champions within SLU. The community of AI champions will push forward collaborations for the development of an AI-related curriculum, for drafting internal policies and guidelines supporting AI, and the set-up of collaborative learning spaces and mentor-based teaching initiatives for AI to flourish.

SUMMARY OF THE ACTION PLAN

AI Innovation is relatively new to the university. The author of this action plan believes that a long-term strategic plan supported by university leadership is essential. Thus, the key action areas proposed highlight how AI innovation can contribute most to SLU, with the intent of enlightening university leadership on the potential of AI innovation.

The partial groundwork for institutionalizing AI innovation in SLU is present, anchored in the computer science, mechatronics, and mathematics programs of the university. Nonetheless, a need to expand the AI know-how in other academic disciplines and include AI innovation in the ongoing conversations is acknowledged.

Five action areas were proposed. All are centred on student interests and intend to benefit the learning experience of the students.

- **Learning analysis** – SLU should analyse the process and trend of student's learning outcomes that suggest a specific content area that AI innovation can prioritise.
- **Personalise education information** – AI innovation can contribute towards gathering information on the academic resources and concepts used by students in their research. AI innovation can help SLU evaluate students' learning outcomes and support faculty in providing personalised feedback.
- **Chatbot** - The development of a chatbot to assist students during their learning journey.
- **Teaching evaluation** – The feedback and contribution of students are valued. There is space for AI innovation that can contribute to gathering and analysing the knowledge and feedback of students about evaluating teaching.
ESTABLISH THE FUTURE OF ARTIFICIAL INTELLIGENCE RESEARCH LABORATORY (FAIR LAB)

THE POLYTECHNIC UNIVERSITY OF THE PHILIPPINES

The Polytechnic University of the Philippines recognizes that Artificial Intelligence will be vital and ubiquitous in all aspects of human life soon. Therefore, it seeks to actively participate in utilizing and embedding Artificial Intelligence not just in academe, and research and innovation sectors of the University but also on its different systems and processes. Aside from making Artificial Intelligence one of the University’s research niches, the University also plans to embed artificial intelligence in its Institutional, Student Support, and Teaching and Learning systems and processes.

In doing so, the University believes that it will greatly help in making the systems and processes inside the University competitive, transparent, and efficient; and therefore, giving its community and partners the best service that it truly deserves.

Aside from making Artificial Intelligence one of the University’s research niches, the University also plans to embed artificial intelligence in its Institutional, Student Support, and Teaching and Learning systems and processes.

SUMMARY OF THE ACTION PLAN

The action plan for an AI-powered Futures University is anchored on the establishment of the Future of Artificial Intelligence Research Laboratory (FAIR Lab) at the Polytechnic University of the Philippines. There are a total of eight proposed projects under the FAIR Lab. These projects were categorized as Institutional Projects, Student Support Projects, Teaching and Learning Projects:

There are four proposed institutional projects:

- **AI System for Student Admission and Enrolment**
  This aims to make the admission and enrolment processes highly efficient.

- **AI System for Human Resource Recruitment**
  The AI-based system will help the University in predicting who amongst its future applicants are more likely to be productive and beneficial to the progress of the University.
• **AI Fraud Detection System**

Most of the University’s transactions will be done online, it is of vital importance that the University develop its fraud detection mechanism that is powered by AI.

• **PUPoi: PUP’s AI-powered chatbot**

To efficiently and promptly serve its community and prospective clients and partners, the University will develop an AI-powered chatbot to answer inquiries on information regarding the University. The chatbot will lessen the workload of the PUP employee who needs to answer the inquiry and it will promptly serve anyone who wants to know something about the University, whether it is information on PUP’s different processes or offices.

There are two proposed **student support projects:**

• **AI System for Board Exam Performance Enhancement**

Through predictive analytics and machine learning, the University will be able to determine the specific factors that influence the chance of its graduates to pass the board exams and take appropriate action and implement targeted improvements to achieve 100% board examination passing rate.

• **AI-powered Students’ and Employee’s Mental Health Support System**

As Mental Health problems are becoming more prevalent the University intend to develop an AI-powered system/application that would assess and support the mental and emotional well-being of its students and employees.

There are two **teaching and learning projects:**

• **AI-powered Personalized Learning System**

Based on data collected on students, the system will suggest or design learning mechanisms that would help professors ensure that the students will digest the lessons effectively and meet the intended outcome of the subjects.

• **AI-based Gamification of Education**

Most learners nowadays prefer to play computer games than to study. And somehow, the time they spent on gaming is detrimental to their learning journey. That would not be the case if we develop games that embed the learning objectives of different subjects which will make learning more fun.

The University recognizes that to be able to effectively accomplish these projects and its vision of mainstreaming and democratizing futures training and strategic foresight mindset, and artificial intelligence, it needs an efficient and robust system of data gathering, and information and communication technology infrastructure. This would entail an amount of funding of PHP 18,568,198.00 (Estimate conversion: €318,331.17).
RESEARCH ON THE IMPACT OF AI ON MANAGEMENT AND ENTREPRENEURSHIPS

SGH WARSAW SCHOOL OF ECONOMICS
The SGH Warsaw School of Economics is the oldest university of economics in Poland. Its mission has continuously been educating economists and business leaders serving the nation and region.

SUMMARY OF THE ACTION PLAN
This action plan focuses on analysing the impact of AI on management and entrepreneurship. Focusing on AI’s impact on planning, organizing, leading, and controlling.

The origin of this action plan is brought about by the curiosity about what changes happen due to, and how AI influences and stimulates the role of management in the contemporary organization. In response to this curiosity, this action plan proposes a long-term research project with the potential to be implemented.

The key action areas include:
- Mapping the SGH internal environment for similar research activities;
- Mapping the people taking part in similar research;
- Establish a working team;
- Establish a formal structure of the team (steering committee, scientific board etc);
- Mapping granting opportunities;
- Specification of a detailed research plan;
Implementation phase.

This action plans’ value proposition varies based on the type of customer. First, the new field of scientific studies possible to be implemented in SGH opens new possibilities for collaboration with business partners and opens opportunities for new research proposals. There will also be new opportunities for collaboration in R&D activities, partners and provide support to identify development opportunities and AI solutions. In line with this, SGH also facilitates an idea hub for potential start-ups. Lastly, findings and knowledge developed during R&D cooperation will be used to create new content for lectures, case studies and for opening new teaching programs.
7 STEPS TO SUCCESS

THE ARTIFICIAL INTELLIGENCE AND DIGITAL ECONOMY CENTRE, YAROSLAVL DEMIDOV STATE UNIVERSITY

The centre works on education and scientific research areas with a focus on business goals. The centre has been researching computer vision systems and machine learning since 2011. There are more than 15 experts in the field of developing AI systems. There are numerous projects with the public sector and big companies. The computer centre is equipped with a supercomputer NVIDIA DGX-1 for machine learning systems.

Working in the field of artificial intelligence for more than 10 years, the centre has acquired a clear understanding of target client groups which determine the main directions of our research and commercial activities.

SUMMARY OF THE ACTION PLAN

The 7 steps to success are:

- Develop and implement a flagship project,
- Collate and share success stories about the centre, AI and the digital economy publicise for social media marketing,
- Focus more on Asia and emerging markets,
- Provide international coaching,
- Prepare own line-up of products and selling licenses,
- Create a positive agenda for the future world with AI technologies (“Preparing for AI”),
- Build a “university without walls” and bridge the gap between science, education, and business.

There are four areas of action. First, concerning big data, the centre will focus on the development of new generation expert systems, forecasting tourist flows, and extraction and analysis of text data from documents. Second, concerning biometrics, the centre will focus on face detection and recognition, analysis of speech information, control of the availability of personal protective equipment. Third, concerning the digital health sector, research that will contribute to improving decisions in medicine and advances processes related to endoscopy, and how AI can contribute to diagnostics of heart arrhythmia will be conducted. Fourth, concerning real sector, the centre will also focus on video analytics at production and construction sites, recognition of meter readings, and Poka-Yoke systems.
RUSSKY.DIGITAL PROJECT

FAR EASTERN FEDERAL UNIVERSITY

Far Eastern Federal University (FEFU) is a leading scientific, educational and technological centre in the Russian Far East. FEFU is a leading participant in the development of the IT and Innovation ecosystem of the Far Eastern Federal District of Russia.

SUMMARY OF THE ACTION PLAN

The Russky.Digital Project was created in 2020 as a part of the FEFU’s development strategy for 2021-2025. The project is a set of measures, implemented jointly with leading IT companies to create a digital economy competency centre in the university. The purpose of the project is to develop the pilot area to introduce and test new educational and research practices, and technologies that meet modern challenges of digital transformation and promote the creation of the IT that will allow business representatives, young talents and public figures to implement joint projects.

Currently, three action areas are identified in this action plan:

Promote the renewal and update the educational programs in Math and Computer Sciences. The plan is to update the content of Bachelor’s and Master’s Degree programs of FEFU Institute of Mathematics & Computer Technologies to make them more flexible project-based and practice-oriented. The intention is to introduce AI & Machine Learning Courses as a core module for all educational programs. As a result, educational programs will be based on the integration of a broad variety of courses with advanced training in entrepreneurship and innovation and deep immersion of students into industrial and research projects.

Develop the FEFU University Network, ensuring the participation of the university in leading international research networks. The plan is to develop partnerships with academic and research institutions, increase cross-border academic mobility, and strengthen peer-to-peer relations. Partnerships are to be held in different formats – joint laboratories, research projects, faculty-to-faculty exchange, students’ academic mobility, and double degree programs in priority research areas such as AI and Data Science; Mathematical & Computer Modelling; Cybersecurity & Data Protection; VR/AR (virtual and augmented reality) Systems; Software Engineering & Applied Information Technologies, etc.

AI technologies for University Management System. The key goal of this part of the action plan is to implement a digital university management platform, including a digital platform of individual educational trajectories, timetabling, an automotive independent evaluation system, etc.

“...The interactive sessions led by experts, featured speakers from leading universities and companies, and the learning materials of ASEFInnoLab has contributed significantly to our understanding of Data and AI Innovation ecosystems and the role of Higher Education Institutions.”
RE-BUILDING AN AI INNOVATION CULTURE AND ECOSYSTEM IN THE UNIVERSITY

SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA

The Slovak University of Technology in Bratislava (STU) is a modern research and higher education institution. It continues a legacy of the 260-year-old Mining Academy in Banská Štiavnica, where the foundations of vocational and practical learning were established. STU offers education in technical fields and involves students in research.

SUMMARY OF THE ACTION PLAN

This action plan aspires to re-build research domains, reflecting the current trends and movements from around the world. This entails re-building an AI research group within the modern application context. Additionally, included in the action plan is the aspiration to introduce more AI-specific subjects into the study programs.

Included as a key action in this plan is the development of an international Engineering program focused on AI and conducted in English. Involvement in international projects through Horizon Europe – Pillar 2 and Widening the Excellence Calls is also identified as a key action.

Lastly, this action plan emphasises the importance of supporting knowledge transfer, minimizing the brain-drain, and starting a substantial increase in guest lectures. This action plan envisions STU to become a more active partner in international associations.

MRS VIERA BORDOY
SLOVAKIA
PROJECT MANAGER, SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA

OFFICIAL WEBSITE OF THE SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA

“The ASEFInnoLab training brought a number of different views on the role of universities, their innovative ecosystems and the opportunities as well as challenges they have to face when introducing something new such as Artificial Intelligence.”
ROADMAP TO DEVELOPING THE AI INNOVATION ECOSYSTEM OF THE ALICANTE SCIENCE PARK

ALICANTE SCIENCE PARK

Alicante Science Park (ASP) is the strategic tool of the University of Alicante (UA) to develop an innovative business ecosystem and to foster University-Enterprise collaboration, innovation, entrepreneurship and socio-economic development. ASP is a cross-disciplinary ecosystem where Artificial Intelligence (AI) plays a strategic role, both as a sector and in interaction with other sectors. UA conducts high-impact research on AI and, together with ASP, stimulates new innovative ideas and joint projects. Some of the affiliated firms are start-ups and academic spin-offs that came from UA research, while others are anchored on companies.

SUMMARY OF THE ACTION PLAN

This is a comprehensive action plan. There are five actions identified to improve and strengthen ASP.

• Re-evaluation of the value proposition of the ASP: fostering formal and informal spaces and actions for co-creation and interaction between students, professors, start-ups, mature companies, entrepreneurs, professionals, mentors, etc.; enhancing market orientation in previous stages, promoting entrepreneurship, problem-solving and open innovation, strengthening interface structures and, in the end, make things easier within the University-Industry relationships.

• Coordination and internal communication with the different units of the University.

• Visibility of the ecosystem, its value proposition and success stories.

• External partnerships with different actors at a local, national and international level.

• Positioning AI and catalysing synergies with other sectors and actors.

University commitment and proper prioritisation of the AI innovation ecosystem is needed. Thus, it is recognised that convincing university governance by telling the story of how great of an opportunity the AI innovation ecosystem is, and how fundamental this is to achieve the goals of ASP and UA. This proposed action plan is founded on the belief that promoting the ASP is necessary, and that it is useful to the University and Society, and that it is cost-effective.

Value Proposition

ASP’s value proposition is the improvement of University-Enterprise cooperation and public-private partnerships through the offer of value-added services related to technology transfer, talent recruitment and enhancement, matching, mentoring and coaching, commercialisation strategy, private and public financing, infrastructures, image, networking, among other projects and programmes. For both innovative companies and the University, ASP is a hub of innovation,
competitiveness and new opportunities (start-ups, spinoffs, NTBFs, projects, talented, workforce, etc.). Moreover, for the University, ASP is also a source of funding.

**Stakeholders**

The **University** structure (presidency, researchers, units, staff) is the main stakeholder in the Science Park. ASP must be useful for the University and contribute to the achievement of the University’s missions and positioning in terms of innovation, driver of regional development and in terms of AI. **Enterprises** are also key stakeholders since ASP owes them. It is worth noting that many of the companies in the ecosystem come from other University structures, such as spinoffs, start-ups or companies that collaborate with research groups.

Other stakeholders and customers in some ways are the **Government** and **Society** since ASP brings socio-economic development and social impact. Students are also a specific segment, as they can be users of part of the ecosystem activity and benefit in terms of employability, business-oriented skills, better education and networking.

**Key Activities**

The key activities of ASP include, naturally, **access to talent, knowledge, infrastructures, networking, visibility, partners**, etc. **Co-creation, problem-solving actions, open innovation** and active search for **synergies** are also key activities, in addition to **business development** and **growth** of the affiliated companies.

**Key Resources**

In terms of resources, **people** are fundamental: both the talent coming from the researchers, technicians and students at the university and the specialised professionals of the University-Industry collaboration structures. **Quality infrastructures and spaces** and **intangibles** as reputation and networking are also considered key resources.

**Key Partners**

From the Science Park’s point of view, the main asset of the ecosystem is the University itself. Therefore, its **university community and its resources** are the main key partners. Proper coordination and relationship with the different units are crucial for the performance and success of the ecosystem. In addition, alliances with public administrations, businesses, professionals, civil society and other drivers and ecosystems are important to optimise impact and potential synergies, business development and even access to funding and internationalization.

**Channels and Customer relationship**

The **internal communication** channels within the University are critical to achieving the objectives of the ASP. Many customers come from the University environment (spinoffs, start-ups, companies that already collaborate in some way with the University). On the other hand, having the commitment (and the dissemination) of/from the University is a plus to reach “external” customers. The media, social media, magazines, professional publications, external marketing channels, etc. are classic ways to reach customers. “Word of mouth” between companies is also a very useful channel. Direct contact with attractive companies and the organization of workshops, meetings and other events are also a way of reaching new customers. ASP offers common services as well as personal support tailored to each customer. In addition, the consolidation of a connected community around the ecosystem is an important customer relationship approach.

**Revenues and Costs Structure**

ASP’s main costs are related to personnel and the different activities. Revenues come from services to companies, public funding and shares in spin-offs. The ecosystem is self-sustainable and profitable, returning to the University more than double the investment made.
DEVELOP CHINA’S FIRST SYSTEMATIC WEB-BASED EDUCATIONAL SELF-ASSESSMENT AND TRAINING SYSTEM FOR BREAST CANCER SCREENING PROFESSIONALS

CANCER SCIENCE CENTRE, UNIVERSITY OF NOTTINGHAM

The University of Nottingham’s Cancer Science Centre has been working closely with researchers from the Fudan University Shanghai Cancer Centre (FUSCC) on different joint research proposals. The two universities collaborate on several research initiatives. The two collaborate on research in breast cancer led by the FUSCC’s Imaging Department.

SUMMARY OF THE ACTION PLAN

Screening and early detection of breast cancer are the most effective measures of treatment. For a more accurate diagnosis, professionals would benefit most from advanced technology and continued education.

Thus, the University of Nottingham has developed PERFORMS, the first and widest used self-assessment and training scheme in the global health industry designed to help participating professionals improve their skills and knowledge through Continuing Medical Education (CME). This helps professionals remain up to date in their specialities and comply with the relevant professional standards.

This action plan identifies an opportunity for the University of Nottingham to collaborate with Fudan University. The world-leading PERFORMS system of the University of Nottingham and the University of Fudan can collaborate and develop how AI can improve the performance of breast cancer image readers.

MS MIN ROSE
UNITED KINGDOM

DEPUTY DIRECTOR, KNOWLEDGE EXCHANGE – ASIA, UNIVERSITY OF NOTTINGHAM

ABOUT THE ORGANISATION

OFFICIAL WEBSITE OF THE UNIVERSITY OF NOTTINGHAM

“The ASEFIInnoLab is a very mixed and balanced cohort which broadened my horizon. There are leads and opportunities for connection in the future. There are great resources that can now be shared more widely and reach more minds.”
ORGANISED BY

Asia-Europe Foundation (ASEF)

ASEF is an intergovernmental not-for-profit organisation located in Singapore. Founded in 1997, it is the only institution of the Asia-Europe Meeting (ASEM). ASEF promotes understanding, strengthens relationships and facilitates cooperation among the people, institutions and organisations of Asia and Europe. ASEF enhances dialogue, enables exchanges and encourages collaboration across the thematic areas of culture, education, governance, sustainable development, economy, public health and media.

For more information, please visit www.ASEF.org.

Fudan University

Fudan University is a major public research university in Shanghai, People’s Republic of China. Founded in 1905, today it is widely considered as one of the most prestigious and selective universities in the country. The QS University Rankings 2021 ranked Fudan as the 7th most reputable university in Asia, while it is classified as a Double First Class University by the Ministry of Education in China. Fudan also actively incubates high-tech industries and encourages them to convert knowledge to power. In return, the multipattern development of the high-tech industries helps the University to industrialize the research outcomes. For more information, please visit https://www.fudan.edu.cn/en

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