



CENTER FOR GLOBAL INNOVATION STUDIES

Established January 2016
Toyo University

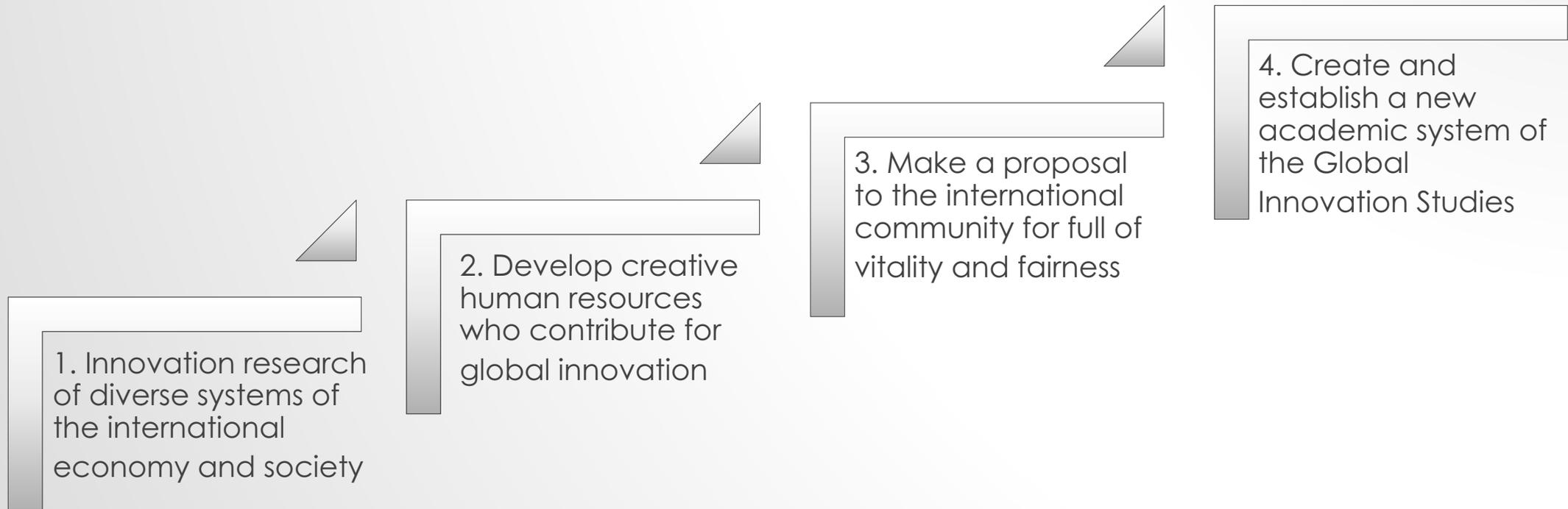
Center For Global Innovation Studies' (GIC) Mission Statement

- Committed to the promotion of innovative research on innovation, innovative education for innovators

Toward a Creative Center for Global Innovation Studies

- Creating and establishing a new academic system of Global Innovation Studies through
 - ① innovation research of diverse systems of the international economy and society,
 - ② development of creative human resources who contribute for global innovation,
 - ③ and making proposals to the international community for full of vitality and fairness.

Research Structure of GIC



Strategic Core Project: 'World Innovation Ranking'

Examine in which country innovation is advanced

- Defining terms and Reviewing theories
 - What is Innovation and Creativity?
 - How are Innovation and Creativity measured, and how does it happen?
- A close examination for elements of ranking index and weight
 - Characteristics and the basic system of the country, Corporate Culture, Mind-set, Ecosystem
 - The ratio of entrepreneurs graduated from top universities
 - Generating new business performance of corporation
 - Index of creative education etc
- Organizing a committee of ranking index development
 - Setting up the system
 - Corporation with external think tank to deploy their information resources and expertise
- Corporation with international universities and research institutions
 - University of Strasbourg (Economics and Management of Innovation/ Evolutionary Economics)
 - Montreal HEC (Management of Creativity in an Innovation Society)
 - University Catholic of Lille (Experimental Economics/ Creativity research in Behavioral Economics)
 - Research expansion to Silicon Valley, Singapore and more

Challenges to develop the venture ecosystem

Environment developed by culture and history

*It does not change radically, however it needs constant effort to change the environment

Population composition

Japan: One-race nation which has aging problem

The U.S: Global and multi-racial nation

Spiritual Climate

Japan: 'the nail that sticks out gets hammered in'

The U.S: 'Successful people earn money and honor', 'failure teaches success'

Environment that can be change Intentionally

*Consensus for developing human resource by training and education

Improve corporation related schools such as universities, graduate schools and special schools
(Business schools)

Develop professionals such as lawyers, accountants and consultants

Develop venture capitalist who can deal with hands on equity

Corporation between corporations and academics

Monetary, Financial and Taxation system as a social system

*Sharing policy challenges with government, corporations and academics

Deregulation to provide venture capital such as universalities and pension

Expansion of the Angel training system by taxation system

Maintain the tools such as Stock option and classified stock

Improve portabilization in pension

Projects and a Network of GIC through Innovation Ranking

Creating Innovation ranking

Expansion of

①range of reach base to overseas

②Network among domestic and International corporations and research institutions.

Define challenges through creating ranking and taking a survey , and develop it to a core project. Accumulate the achievements and results obtained from cooperation with externals , and publish them.

Cooperate with international researchers including Asia, and obtain human resource for global corporations and private funds for the GIC.

Give feedbacks on a range of research in a seminar at Otemachi Campus.

A Procedure of GIC Projects

Ecosystem of Global Innovation

- Comparison of Innovation Ecosystem
- Publishing development of the World Innovation Ranking
- International cooperation research on measurement of Innovation, measurement of Creativity

Human Resource for Innovation and Creativity

- International comparison of teaching management of creativity and human resource for innovation
- Incubate and support entrepreneurs, and hold research seminar of world innovators
- Career support for international and Japanese students through cooperation with research institutions, corporations and international organizations (including GINOS, GINOS graduate school)

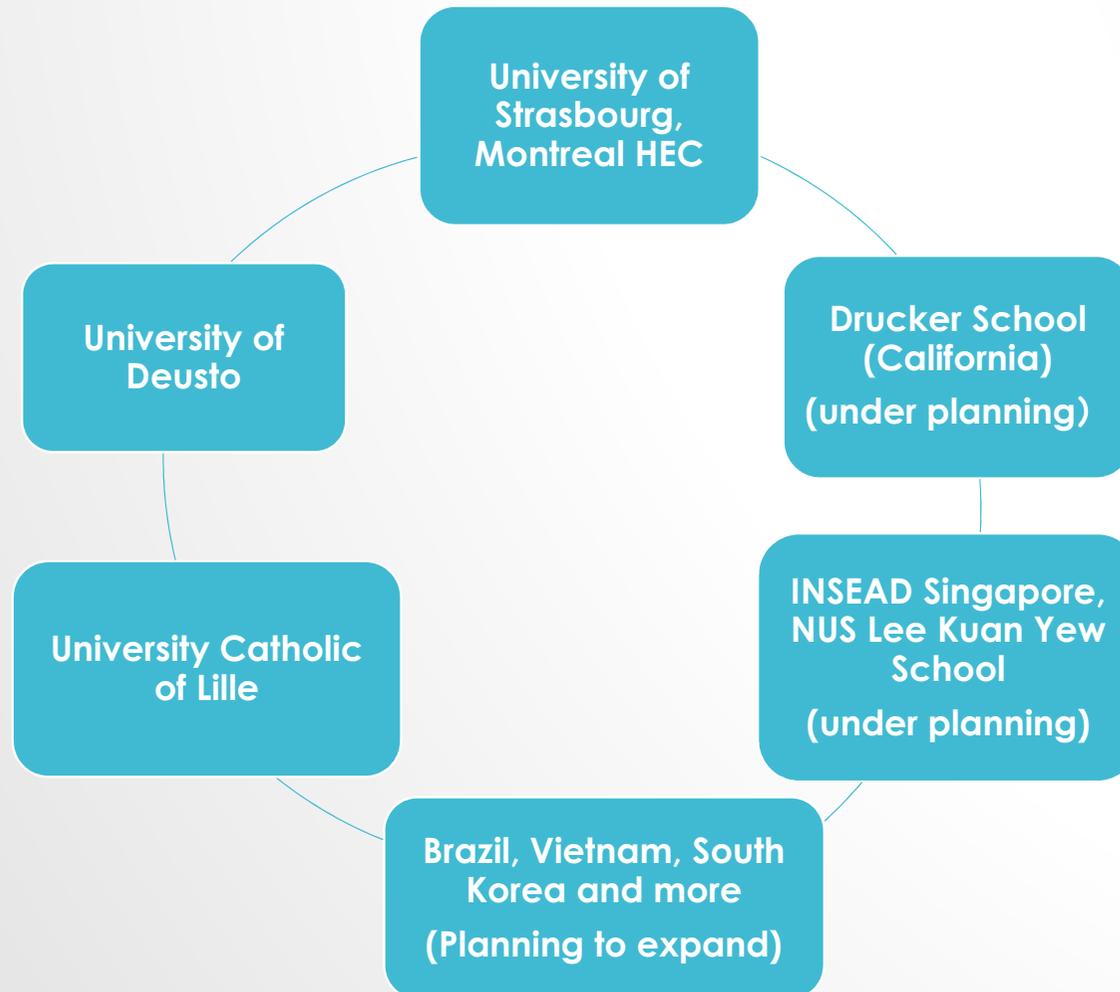
Contributions and proposals to International society and corporations

- Explore and support the emerging market, research on Frugal Innovation, and contribute to strategy for global corporations
- Implementation of UN SDG scheme based in Asia (cooperation with PPP school)
- Research on European Union-Asia Pacific dialogue (ERASMUS+ Jean Monnet Program Now Accepting)

Develop Global Innovation Study

Establish a position as the world center of global innovation

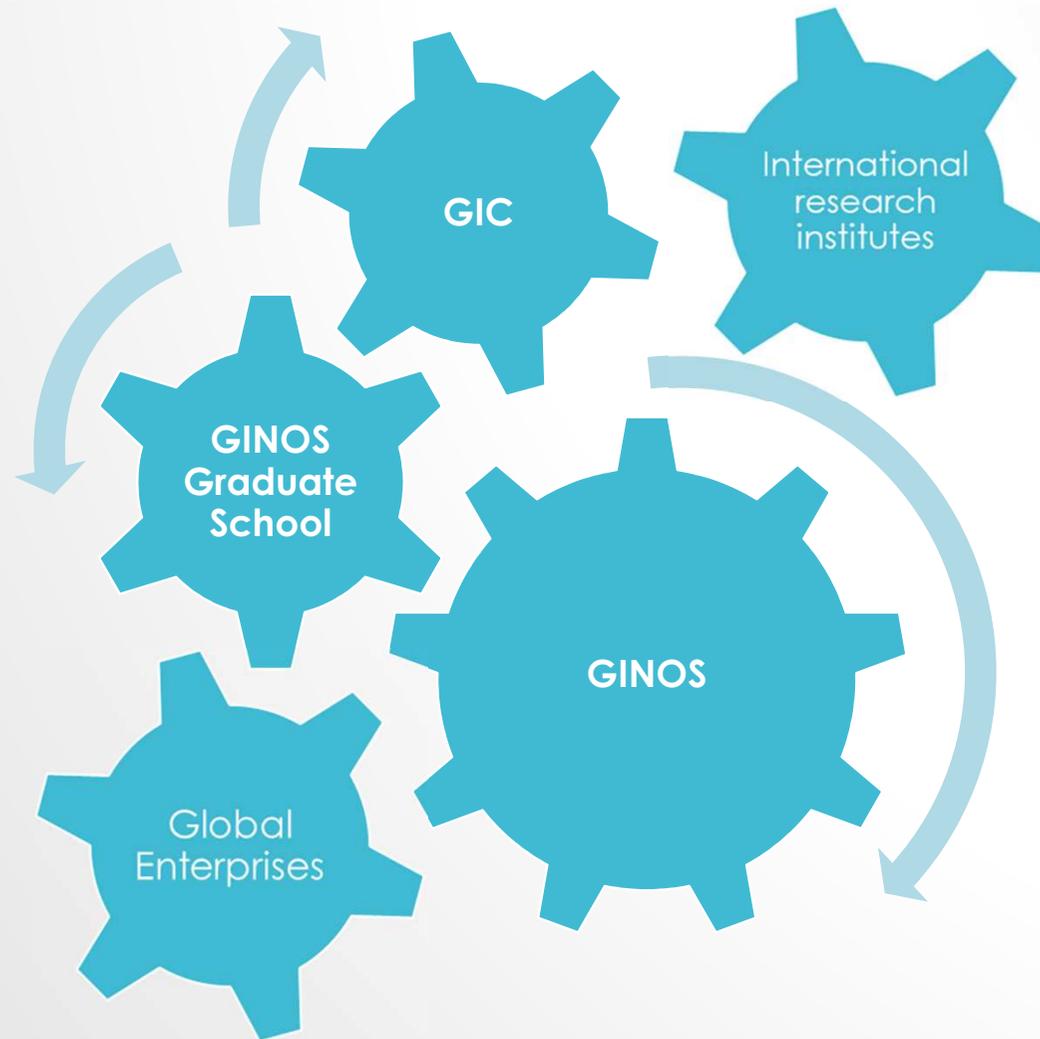
Global Innovation Network Expanding to Overseas



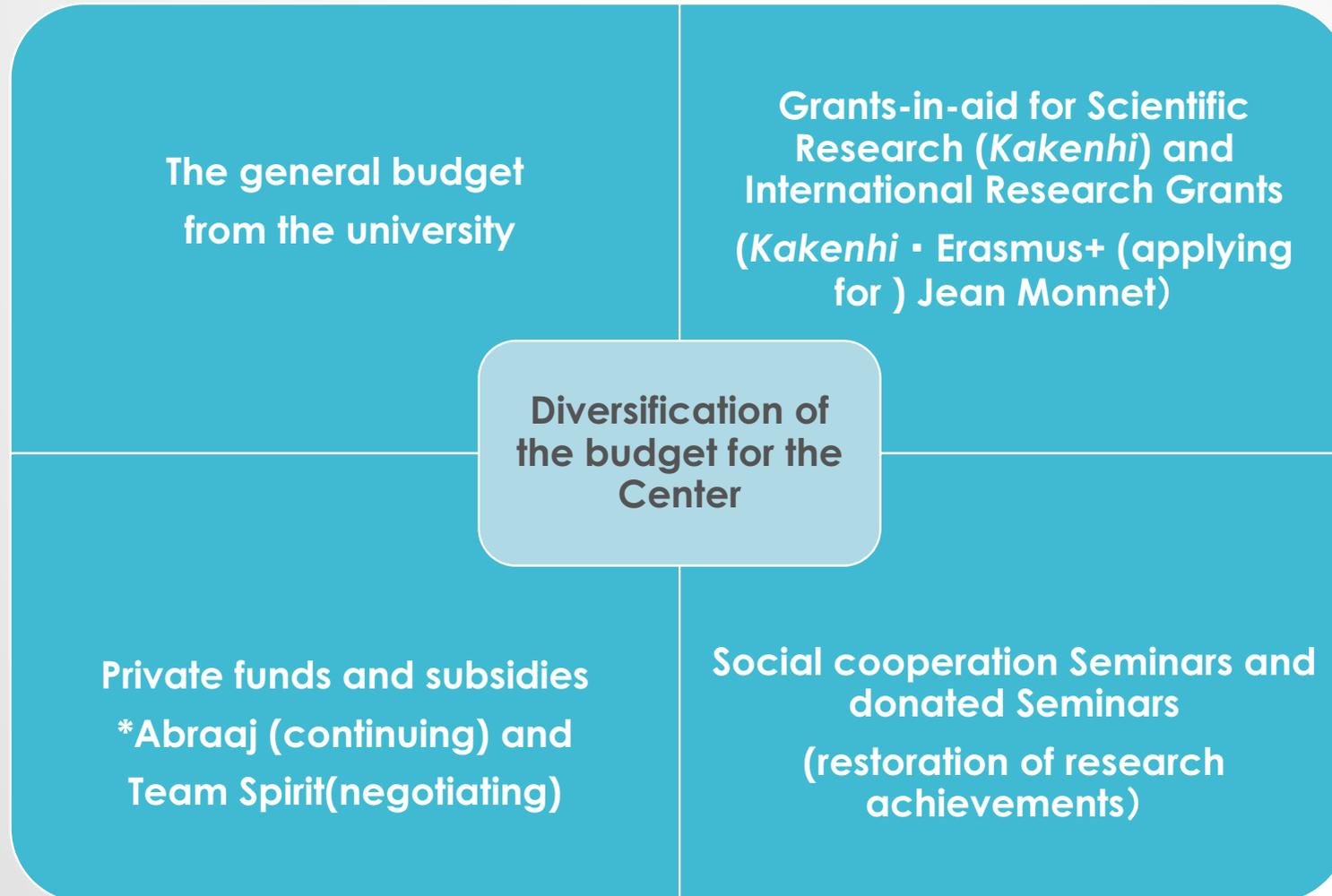


Build a network and conducts co-projects with young excellent researchers (planning 5 members) as the Center for Global Innovation in Asia

Global Open Innovation Ecosystem (GOIE) based on GIC and GINOS



Strengthen the Foundation by Diverse Budget of the Center



(1) Proposes of the Project Scheme

Purposes

- Create/establish a new academic system of Global Innovation Studies through innovation research of diverse systems of the international economy and society, development of creative human resources who contribute for global innovation, and making proposals to the international community for full of vitality and fairness.
- Establish a position as the world center/think-tank of global innovation, and fulfill the pioneering role in SGU at Toyo University.

Mission Statement

- "Committed to the promotion of innovative research on innovation, innovative education for innovators"
- Building a cutting-edge research system by cooperating with internationally prominent universities and research institutions towards unveiling the various systems of innovative infrastructure, production techniques, corporation governance, developing human resources, monetary system and communication in the world.

(2) Goals

Establish a position as the world center for Global Innovation Research

- Develop Innovation Research with international universities and institutions
- Create the World Innovation Ranking
- Contribution from Japan to Global Innovation
(Explore the emerging market, researching on reverse Innovation)
- Develop Innovation Ecosystem and human resource for innovation
(Conduct a practical education programme)

Demonstrate the messages by Robert Zoellick

- 'Resilience and flexibility of Japanese economy' and 'Young people's responsiveness to technological evolution' over the next fiscal year (2018)
- Make proposals for Labour system reform, developing human resource reform considering the rapid development in AI and IoT

(3) Details of Our Scheme

Develop a new research ecosystem: GOIE (Global Open Innovation Ecosystem)

- Hold constant research seminars such as investments in the emerging market and progress reporting seminars for externals.
- Encourage enterprises and society to join in the Center's activities (e.g. a questionnaire survey to enterprises).
- Build a network with researchers in and out of Asia, and hire contracted Research Assistant.
- Provide an educational developing innovativeness and entrepreneurship programme for corporations and society.

Develop a new education system

- Cooperate GINOS and GINOS graduate school under planning at Department of International Studies with both domestic and international prominent universities and research institutions.
- Cooperate with PPP school at Toyo University for SDGs, and also through Department of PPP Promotion, cooperate with UN institutions promoting SDGs.
- Now considering to work with INIAD and to join Center for The Fourth Industrial Revolution (World Economy Forum).
- Focus on accumulating research next year to prepare for the International Symposium in 2019.

(4) Evaluation and Reporting Approaches

High objectivity in the evaluation of the Center

- Improve the existing external evaluation committee.
- Encourage members of the evaluation committee to commit to the Center's governance.

Approaches

- Build a participative and flat governance structure and a creative research ecosystem.
- Towards flexible and diverse organization system, cooperate with GINOS graduate school and accept excellent international students.
- Innovate and introduce a new governance by sharing information and cooperating numerous players related to the Center through the Board of Visitors.
- Obtain external funds to hold numerous research sessions of the series of the world innovators, to establish a support committee and to seek possibility of external commissioned research and incubation funds.
- All comes back to the realization of performance indicators• transparency in approaches

A Proposal towards Cooperation with the World Economic Forum: Center For the Fourth Industrial Revolution

- Reverse (Frugal) Innovation
 - Appropriate and acceptable innovation in the Emerging market
- International comparison of Ecosystem
 - Middle Ground in Silicon valley, Pipe Line in Montreal
- Developing human resource for Management of Creativity
 - Research and develop the network of Schools in management of creativity
 - Project finance in the Emerging Market
 - Hold seminars with Abraaj

WORLD ECONOMIC FORUM CENTER FOR THE FOURTH INDUSTRIAL REVOLUTION

- The Center for the Fourth Industrial Revolution is a hub for global, multi-stakeholder cooperation to develop policy frameworks and advance collaborations that accelerate the benefits of science and technology.
- Participation in the Center's projects is reserved for governments, companies, start-ups, academic institutions, civil society, international organizations, and experts with the scale and ambition to shape the trajectory of the Fourth Industrial Revolution.
- Our team of future-forward minds collaborate closely with a wide variety of partners to ensure our projects drive maximum impact.

AGENDA 1

- Develop an ecosystem for innovative research
- Obtain a variety of external funds
- Strengthen the cooperation through constant sessions for enterprises and society
- Incubation Center and Incubation Fund
- Establish the Global Open Innovation Ecosystem
- Social cooperation Seminars and donated Seminars considering the cooperation with GINOS•GINOS graduate school
- Prepare participative programme where excellent students can give a presentation
- Build a participative and flat governance structure of the Center

AGENDA 2

- Hold constant original research seminars by GIC with people and organizations in and outside of university
- Deploy and hire contracted research assistants
- Accepting 5 young international research assistants based in Asia
 - Also young Japanese research partners to build an international support network
- Consideration of the external evaluation committee system
 - Set-up the Board of Visitors
- Preparation for a symposium in 2019 (under consideration of candidates)
 - Frugal Innovation, support and explore the emerging market
 - International comparison of ecosystem (Silicon valley, Montreal, Singapore, Europe and Brazil)
- Cooperate with INIAD including holding a symposium