Thai Cluster Participants Booklet

EU-Thailand Cluster Cooperation & Matchmaking Event

6th - 8th September 2017

Fostering cooperation between clusters from Europe and Thailand in areas related to the Healthcare & Medical Technologies

Jointly organised by the European Cluster Collaboration Platform (ECCP), in collaboration with the Innovation and Technology Assistance Program (ITAP) under the Thailand National Science and Technology Development Agency (NSTDA).

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This Event aims to promote collaboration and to establish partnerships between European and Thai clusters and business associations in fields related to Healthcare & Medical Technologies.

The Event is jointly organised by:

- The European Cluster Collaboration Platform (ECCP);
- Thailand National Science and Technology Development Agency (NSTDA) through the Innovation and Technology Assistance Program (ITAP).

Content displayed on the following slides is based on the description provided by each participant; the ECCP cannot be held responsible for its correctness.
Advance Dental Technology Center - ADTEC

Location: Thailand Science Park (TSP), Pathum Thani, Thailand

Year of creation: 2005

N° of members: 25 people

Sector of activity: Research & Development of Implantable Medical Devices

Organization's mission: ADTEC is focused in R&D of implantable medical device transfer to commercial / based on ISO 13485 and MDD, it collaborates with Thai FDA for the implementation of Regulatory Requirements on MD manufacturer and is the key organization to establish and drive the MD road map.

Participation objectives: Explore cooperation opportunities in the following areas: characterization of material based on ISO 10993-18 and ISO 10993-19, materials for implantable MD in orthopaedics and dentistry, optical product and measuring techniques

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Bangkok DUSIT Medical Services

Location: Bangkok, Thailand

Year of creation: 1969

Sector of activity: healthcare

Organization's mission: BDMS is one of the most prestigious hospital networks in Asia-Pacific. BDMS’s vision is to be the premier tertiary healthcare provider in Thailand, dedicated to international quality and customer-focused care.

The BDMS family consists of six major hospital groups – Bangkok Hospital, Samitivej Hospital, BNH Hospital, Phyathai Hospital, Paolo Hospital and the Royal Hospital. BDMS’ network of hospitals, clinics and centers of excellence provides the highest level of tertiary care. These are comparable with international hospitals around the globe. BDMS cooperates with world-renowned medical organizations in order to achieve and maintain these international standards.

Participation objectives: To explore opportunities for collaboration with EU associations and companies in healthcare in general and in tertiary healthcare more specifically.

• Contact: info@bdms.co.th
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Digital and Medical Devices Technology
Cluster and Program Management Office

Location: Thailand Science Park (TSP), Pathum Thani, Thailand

Year of creation: 1991

Sector of activity: Research and innovation development

Organization’s mission: The Cluster and Program Management Office (CPMO) is responsible for managing integrated research through different cluster research programmes. Among them, the Health and Medical Cluster aims to take care of people's health and prepare for the health security of the country. It consists of 3 research programmes: technology programme to prepare for emergencies, medical biotechnology programme for public healthcare and digital technology programme and medical devices.

Participation objectives: The Digital and Medical Devices Technology programme looks for potential collaborations in the following fields: image processing and analysis system for elderly surveillance, four-point prosthetic knee, robots to boost the development of autistic children, digital hearing aids, software facility for those with learning disabilities, cardiovascular health prognosis and SPR image machine for research and development of down syndrome diagnostics in fetus, among others.

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Department of International Trade Promotion - DITP
Ministry of Commerce

Location: Nonthaburi, Thailand
Year of creation: 1991
Sector of activity: trade

Organization's mission: The Department of International Trade Promotion (DITP) is a government organization that performs its role as the main promoter of Thai exports. Its main responsibilities are to expand the markets for Thai products and services, to develop and create added value for exported products and services, to provide trade information and to enhance the potential of Thai exporters in the world market.

Participation objectives: The DITP wishes to explore the possibilities available for Thai companies in the European health and medicine market. It is especially interested in finding collaborations to increase the competitiveness of Thai entrepreneurs, particularly SMEs.

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Department of Medical Services - DMS
Ministry of Health

Location: Nonthaburi, Thailand

Sector of activity: medical services

Organization's mission: The Department of Medical Services aspires to become the leader in the academic and technological fields of medicine at international level while supporting and improving the well-being of citizens. To achieve this, the DMS develops medical knowledge, particularly in physical rehabilitation field by: studying, researching, developing and transferring holistic knowledge and medical technology in the high standard, monitoring and developing healthcare services and treatment in public and private sectors, implementing and transferring the practical knowledge and professional medical skills, providing care services, further strengthening the health system and policy for the well-being of people, providing policy suggestions and guidelines for prevention and control as well as treatment for cancer and developing systems and forms for continuously and efficiently conducting prevention, treatment, rehabilitation and surveillance of the drug addict patients.

Participation objectives: Exploring other medical services, exchange knowledge about the latest discoveries and innovations, learning about other policies and establish collaborations with European partners.

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• Website: www.dms.moph.go.th
Industrial Technology Assistance Program - ITAP

Location: Thailand Science Park (TSP), Pathum Thani, Thailand
Year of creation: 1986
Sector of activity: industrial technology

Organization's mission: ITAP is an industrial technology support programme launched by the National Science and Technology Development Agency (NSTDA) for SMEs, to help them meet the challenges in introducing technology-based products and processes. It offers the following services: industrial consultancy services, technical training and seminars, techno-business matching, technology acquisition, provision of industrial and technology information and linkage to other industrial service organisations.

Participation objectives: Providing assistance and information to the matchmaking participants and dissemination of the ITAP programme. In addition, ITAP would like to explore the possibility of matching different organisations technology based and organising joint activities.

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- Website: www.nstda.or.th/en/index.php/service/industrial-technology-assistance-program-itap
Industrial Innovation Network - InnoThai

**Location:** Thailand Science Park (TSP), Pathum Thani, Thailand

**Year of creation:** 1986

**Sector of activity:** industrial innovation

**Organization's mission:** InnoThai is an industrial innovation network that aims to link the innovation needs of the industry to research and development, to support and facilitate industry entrepreneurs who are interested in innovation in their businesses, the access to information, knowledge, benefits and services and to be contact channel for research or research for entrepreneurs who want to innovate in their organization. The final purpose is elevating the country's industrial development to innovative and high-tech manufacturing.

**Participation objectives:** Expanding their network, find cooperation opportunities to develop innovative projects with commercial application and exchange knowledge.

- **Contact:** Dr. Noppadol Punpanich; innov.th@gmail.com
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National Metal and Materials Technology Center - MTEC

Location: Thailand Science Park (TSP), Pathum Thani, Thailand

Year of creation: 1986

Sector of activity: materials science

Organization’s mission: MTEC’s main objective is to support R&D, technology transfer, HRD and infrastructure development in order to create and enhance capabilities in materials technology, which is vital to the expansion of the industrial sector and Thailand’s overall development and ability to adapt to a changing world. MTEC is committed to working with partners to conduct research with outputs which are of practical application to create concrete economic and social impacts. Among its research projects are: rigid cervical immobilization bed, technology licensing of dental implant, medical rapid prototyping and the establishment of the Advanced Dental Technology Center.

Participation objectives: MTEC hopes to reach out to strategic alliances with European clusters through research collaboration and other mechanisms in order to create knowledge, whose application would lead to a sustainable development of the country.

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National Science and Technology Development Agency - NSTDA

Location: Thailand Science Park (TSP), Pathum Thani, Thailand

Year of creation: 1991

Sector of activity: Agriculture and food, energy and environment, health and medicine, bioresources and community and manufacturing and service industries

Organization's mission: NSTDA hopes to become a key partner for a knowledge-based society through science and technology. It is home of four national research centres: BIOTEC, MTEC, NECTEC, NANOTEC and one technology management centre: TMC. The Agency focuses on research and development, technology transfer, human resources development and infrastructure development in the areas abovementioned. In addition, within these target areas there are four cross-cutting programmes: functional materials, sensor and intelligent systems, digital engineering, and service research.

Participation objectives: International Collaboration - Building partnerships with leading research agencies and educational institutions worldwide to raise its profile in the global scientific community. The resulting networks enable the international flow of knowledge, technology and people.

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National Electronics and Computer Technology Center (NECTEC)

Location: Thailand Science Park (TSP), Pathum Thani, Thailand

Year of creation: 1986

Sector of activity: electronics and computer technology

Organization's mission: NECTEC is a statutory government organisation with its main responsibilities of undertaking, supporting and promoting the research and development of electronics and computer technologies. NECTEC also provides linkage between research communities and industries through the established industrial clusters and programmes.

NECTEC missions include: research, development, design and engineering; technology transfer to industries and communities; and policy research, industrial intelligence and knowledge infrastructure.

Participation objectives: identify potential RDI collaborations with European organisations, as well as identify technology transfer opportunities for Thai industries.

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**Location:** Bangkok Hospital, Bangkok, Thailand

**Year of creation:** 2001

**N° of members:** 1,500 persons

**Sector of activity:** healthcare service; laboratory, sterile processing, linen management, biomedical engineering solutions, equipment and medical supplies, distributorship, telemedicine solutions and supply chain management

**Organization's mission:** N Health is a prominent healthcare service provider supporting the hospital business. The company serves many leading hospitals at national and international level with more than 40 branches in Thailand, Cambodia, Lao, Myanmar and Singapore. N Health’s goal is to deliver competitive advantages to hospitals and healthcare organizations with advanced laboratory services, innovative supply chain solutions, high quality sterile processing and efficient bio medical engineering.

**Participation objectives:** identify collaboration opportunities with European companies and associations in the different sectors of activity.

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Thai Health Tech Association

Location: Thailand
Year of creation: 2017
Number of members: 20
Sector of activity: health technology

Organization's mission: The Thai Health Tech Association gathers together health and wellness start-ups as a mean to to encourage hospitals and clinics to adopt innovative technology. Thus, its goal is building a health ecosystem in Thailand by supporting health tech entrepreneurs and new comers.

Participation objectives: The association wishes to find collaboration opportunities with other healthcare organisations and networking.

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- Website: www.facebook.com/HealthTechThailand
Thai Subcontracting Promotion Association

Location: Bureau of Supporting Industries Development (MIDI) Building, Bangkok, Thailand

Year of creation: 1999

N° of members: 500 companies classified in 14 groups under two labels: New Growth Engine Cluster (i.e. smart electronics, robotics & automation, supporting biotechnology, digital & software, medical hub, parts and equipment, agriculture and biotechnology, machinery of food for the future) & Other Clusters (i.e. mechanical engineering, packaging, sanitation and environmental)

Sector of activity: supporting industrial partners

Organization’s mission: the Thai Subcontracting Promotion Association aims at connecting various institutes, agencies, and organizations both private and governmental, disseminating information, news, knowledge, academic findings, and useful activities among the members, promoting business transactions between members to jointly develop whole sets of products and meet customer requirements and performs promotional and marketing activities are performed for members through leading local and overseas trade exhibitions.

Participation objectives: Establishing connections to promote and develop their members in the medical group.

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Thailand Board of Investment - BOI

Location: Bureau of Supporting Industries Development (MIDI) Building, Bangkok, Thailand

Year of creation: 1999

Sector of activity: governmental agency for investment

Organization's mission: The BOI can assist business in numerous ways, including: enhancing competitiveness and investment facilitation (offers a competitive package of tax incentives, imposes no foreign equity restrictions, waives restrictions on land ownership by foreign entities, assists in the provision of visas and work permits to facilitate entry for foreign-owned business), business support services (provides information and advice on establishing operations in Thailand, arranges on-site visits, identifies potential suppliers, subcontractors and joint-venture partners, provides contacts with key public and private organizations) and implements marketing strategies under which promotional activities are organized worldwide throughout the year. The BOI's 14 overseas offices (Beijing, Frankfurt, Guangzhou, Los Angeles, Mumbai, NY, Osaka, Paris, Seoul, Shanghai, Stockholm, Sydney, Taipei and Tokyo) serve as Thailand’s front desks in liaising with potential investors.

Participation objectives: Promoting Thailand as one of the best investment locations in Asia and supporting European organisations that wish to establish business in the country.

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Thailand Center of Excellence for Life Sciences - TCELS

Location: CMMU Building, Bangkok, Thailand
Year of creation: 2004
N° of members: 91
Sector of activity: Life Sciences including Pharmaceutical, Cell & Gene Therapy, Medical Device & Robotics, Herbal and Cosmeceutical Industry
Organization's mission: TCELS is a public organisation that aims to connect, construct and foster life sciences industry value chain through the translation and acceleration of research to market.
Participation objectives: As a government organization, TCELS is looking forward for opportunities to support and build up platform for business collaboration between Thai and European entrepreneurs.

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The Federation of Thai Industries - FTI

Location: Queen Sirikit National Convention Center, Bangkok, Thailand

Year of creation: 1967

N° of members: 52

Sector of activity: Medical and health devices, manufacturing and distributing

Organization's mission: The Federation of Thai Industries is a non-profit organization that works towards the strengthening of the international competitiveness of the Thai industry as well as for developing a sustainable economy, society and environment in Thailand. To achieve this, the FTI acts as representative of Thai manufacturers in order to promote and develop Thai industry at both national and international levels. Other activities include: study and find solutions to problems related to industrial operations, work with the government in setting up national policies, and to offer consulting services to members.

Participation objectives: To explore opportunities for collaboration with EU companies to develop, manufacture and market medical and health device products in Thailand and ASEAN.

- Contact: Mr. Winit Ritchima (chairman), winit@orthope.com; Mr. Adisorn Apasutirat (Vice-Chairman); adisorn@novatec.co.th
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Chulalongkorn University

Location: Bangkok, Thailand

Year of creation: 1917

N° of members: over 37000 students and 2800 faculty members

Sector of activity: education and research

Organization’s mission: The aim of Chulalongkorn University is to become a world – class national university that generates the knowledge and innovation necessary for the creative and sustainable transformation of Thai society. Divided into four areas (Human Capital, Knowledge and Innovation, Local Transformation and Global Benchmarking), it works to develop graduates that have the academic ability and latest skills, public consciousness and leadership, pioneer and integrate knowledge, create teaching, learning and research innovation, produce local and international academic research and exploit knowledge for the sustainable development of the country and society.

Participation objectives: Learning and exchange knowledge with other organisations involved in the health field and find potential collaborations in research and innovation.

• Website: http://www.chula.ac.th/en
Mahidol University

Location: Nakhon Pathom, Thailand

Year of creation: 1888

Number of members: over 30000 students and 3500 academic staff

Sector of activity: education and research

Organization’s mission: Mahidol University is the oldest university in Thailand and has since developed into one of the most prestigious in the country, internationally known and recognized for its outstanding achievements in teaching, research, international academic collaboration and professional services. The institution offers top quality programs in numerous social and cultural disciplines, yet has maintained its traditional excellence in medicine and the sciences. The aim of Mahidol is to excel in health, sciences, arts and innovation with integrity for the betterment of Thai society and the benefit of mankind.

Participation objectives: Interacting with other organisations of excellence in research, exchange good practises about teaching and learning, find potential collaborations in the healthcare and services sector and promote their internationalistation to become a world – class university.

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