**Hongsuda Sornklin, PhD.**

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**Education**

**2533 – 2537** **B.Eng.** Khon-Kaen University Chemical Engineering

**2537 – 2539** **M.Eng.** Chulalongkorn University Chemical Engineering

**2551 – 2556 Ph.D.** University of Bath Management of Technology/Innovation

**Experience**

**2539 – 2544** **Siam City Cement Public Limited (Saraburi Plant)**

**R&D staff**

* Developed new cement types
* Improved cement quality

**Head of Quality Control (Plant2)**

* Supported product tests throughout the cement production process
* Controlled raw material quality and its component mixing

**2544 - 2551** **National Science and Technology Development Agency**

**Industrial Technology Assistance Programme (ITAP)**

**Industrial Technology Advisor (ITA)**

* Introduced the client to the concept of a technology ladder, assessed their position, and assisted them to improve their technological capability (more than 60 technological development projects have been completed)
* Fostered recognition, analysis and development of client needs, interests and capabilities.
* Organised technological development projects for individual industrial sector, i.e. specific training courses, consultancy service for enhancing Thai firms’ technological capabilities and study trip (more than 10 projects has been completed)
* Identified business opportunities related to technological innovation with clients.
* Enhanced the application of technology in Thai firms by encouraging technological linkages.
* Supported, developed and maintained a national network for technology diffusion and technology transfer
* Provided on-going technical and managerial support for non-funded and funded projects.
* Initiated and developed technology roadmap for Thailand plastic industry associating with all relevant public and private organisations.
* Linked with international networks as a focal point for enhancing technology transfer in Thailand
* More than 300 SMEs of my clients had been assisted to raise their technological capability levels efficiently and more than 10 clients are able to shift their level into innovative capability successfully including Asia Compact. and Moldmate who could sustain their business with their own innovative capabilities.

**2556 - present National Science and Technology Development Agency**

**Research Policy**

* Project manager of green public procurement during 2014-2017
* Researching and developing policy recommendations for promoting S&T and innovation in Thailand
* Researching and developing policy recommendations for green growth and sustainable development
* Researching and developing policy recommendations on public procurement
* Researching on technology foresight and developing policy recommendations for enhancing national science technology and innovation

**Expertise:**

* Absorptive capacity for building up technological capabilities for SMEs
* Technological capabilities of automotive component manufacturing
* Innovation/ Technology management
* Technology transfer in developing countries
* Green growth development
* Plastic and injection moulding technology
* Quanlitative research
* Technology Foresight
* Public Procurement for Innovation