IPI's Matching Platforms

Supporting your search for innovation partners

15 July 2021



We create opportunities for enterprises to grow through innovation

IPI is an innovation catalyst that creates opportunities for enterprises to grow beyond boundaries.

As a subsidiary of Enterprise Singapore, IPI accelerates the innovation process of enterprises through access to its global innovation ecosystem and advisory services.





IPI's Innovation Services and Platforms

Enterprises can gain access to a wide spectrum of solutions throughout the stages of your innovation journey.











Innovation Advisors Programme





Innovation Marketplace





Network Access





Knowledge & Insights

Technology Forums / Webinars **Innovation Workshops** White Papers

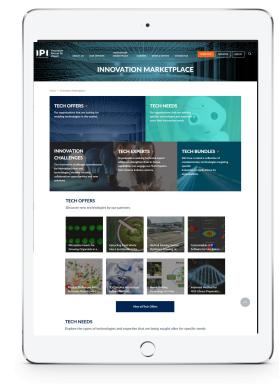


Search/Post your opportunities in IPI's Innovation Marketplace

A self-service online platform that connects technology seekers with technology providers and technical experts to find collaboration opportunities through IPI's global network.

Technology Provider / Tech Expert

- Publish technology offers and expertise available for collaboration
- Search for technology needs of companies and government agencies



Technology Seeker

- Search for technology offers for commercialisation & adoption or tech expertise
- Publish technology needs to crowdsource for solutions

www.ipi-singapore.org/marketplace

- Infocomm
- Electronics
- Food & Nutrition
- Health & Personal Care
- Manufacturing
- Materials & Chemicals
- Energy
- Environment
- Logistics & Transportation



Expand your outreach to IPI's network with your technology offers/needs

TECH NEEDS



Collaborate with our partners to bridge technology gaps

Working hand-in-hand with our partners, we identify the pain points and craft concise problem statements to engage our innovation network. Enterprises can explore the technology needs gleaned from global industry sources, or seek solutions and expertise to accelerate innovation.





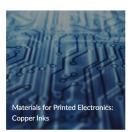


TECH OFFERS



Discover new technologies by our partners

Leveraging our wide network of partners, we have curated numerous enabling technologies available for licensing and commercialisation across different industries and domains. Enterprises interested in these technology offers and collaborating with partners of complementary technological capabilities can reach out for co-innovation opportunities.







AloT-based Real-time Monitoring and Behavioural Pattern Recognition for Human



TECHNOLOGY OVERVIEW

This technology offer presents an Artificial Ir TECHOFFES of Artificial Intelligence (Al) and existing in

With this integrated solution, it provides natterns via nattern recognition. Thus, the si elderly. This monitoring system can also be c

The company is interested in partnering of jointly participate in the following joint in

- Singapore-Germany Joint SMF Call

TECHNOLOGY FEATURES

This technology offer is an integration of a

- Based on configurable Long Short-Term N
- Anonymous human skeletal position track Facial Recognition technology to recognize
- . Pressure mat on wheelchairs to detect

Materials for Printed Electronics: Copper Inks



KEY INFORMATION

TECHNOLOGY READINESS LEVEL (TRL): TRL6 LOCATION: SINGAPORE

TECHNOLOGY OVERVIEW

copper links in the market have the tendency to oxidize under room conditions, leading to performance issues and thereby limiting their adoption. This technology presents a cause of conductive materials, specifically copper inks, targeted at the flexible printed hybrid electronics sector. These functional materials are specifically

polladium seed which is very costly. Copper complex ink can form a good base for such applications where building of circuit or electrodes on 3D images are an issue providing a good, cost-effective alternative solution for the manufacture of printed electronic

- Singapore-France Joint Innovation Project (Submission before 31 Dec 2021)

TECHNOLOGY FEATURES & SPECIFICATIONS

- Stable copper ink formulations which ensure that oxidation is kept to the minimum, these enhances shelf life, and printed circuitry performance and reliability Formulated inks that can be ink-jetted, screen printed, and used in roll-to

POTENTIAL APPLICATIONS

- Printed photovoltaic
- · Printed lighting Touchscree
- Printed displays
- Printed antenna
- EMI shielding

Edit Tech Offer >>

TECHNOLOGY CATEGORY:



Tech Offers

Tech Alert - 7 July 2021

Better, Faster, Greener Phytochemical **Extraction Technology and Plant Health** Ingredients

Enzyme Engineering Platform for Fast and

Enzyme-based biocatalysts are increasingly used in

Sustainable Production of Ingredients

Explore innovation opportunities with

our technology partners.

This is a sustainable & efficient extraction core...

Tech Needs



Seeking Functional Inks for Safety, Freshness, Security and Authentication labels

A Singapore based company is seeking materials and/or chemical compounds...

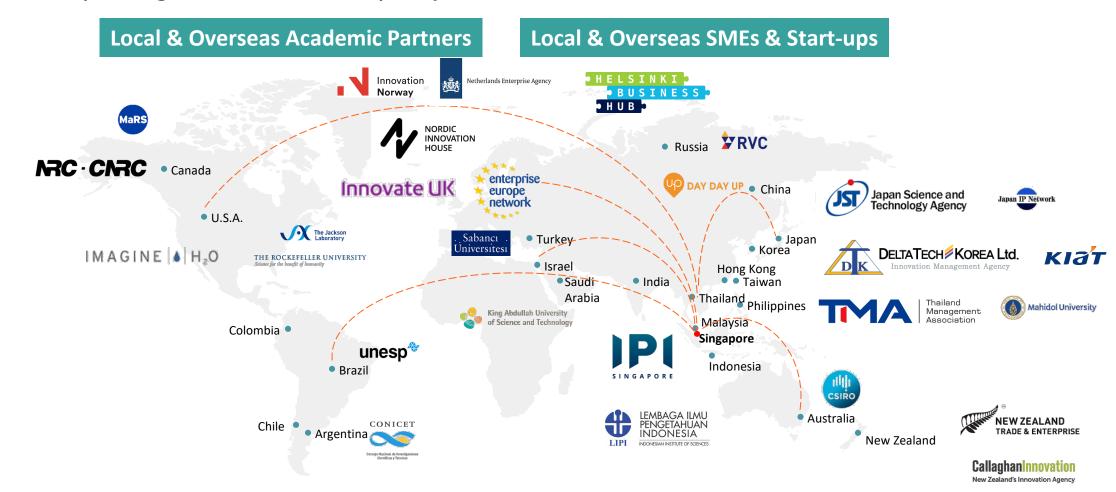
various industrial...

Read more >



Global Network of Innovation Partners

Our diverse network of technology partners enable us to bring forth the best options available to enterprises in expanding their innovation capacity.

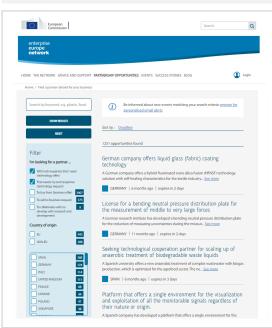




Supporting your search for partners through the Enterprise Europe Network (EEN)



https://een.ec.europa.eu



- The Enterprise Europe Network (EEN) is the **world's largest** business and innovation network, involving participation of 60+ countries from both EU and non-EU.
- The EEN offers connection to:
 - 600+ EEN partners. e.g innovation support organisations, research institutes, TACs, etc.
 - More than 2.5 million EU SMEs;
 - Over 16,000 technology and business profiles;
 - 100+ B2B brokerage events per year
- Types of partnerships promoted:
 - Business Partnerships
 - Technology Partnerships
 - R&D Partnerships

Leverage the EEN Partnering Opportunities Database to find your innovation partner:

- For Technology-Seekers
 - Search for a technology offer
 - Posting your technology request
- For Technology-providers
 - > Search for a matching technology request
 - Posting your technology offer





Find innovation partners at TechInnovation!





TechInnovation 2020 in numbers



> 2,000 participants



152 e-Exhibitors



>300 Technologies



60% international participants



45% C-suite and senior management



>1,000 meetings initiated **TechInnovation** is IPI's flagship technology brokerage event that focuses on **matching industry needs to ready-to-market technologies.**

TechInnovation 2021 Theme: A Sustainable & Resilient Future



GREEN & SUSTAINABLE FUTURE

Green Building

Energy Efficiency | Building Automation | Construction Materials | Passive Cooling Materials | Data Analytics | Virtual Environment Simulation | IoT & Sensors | Al for Energy Management | Indoor Air Quality

Towards Zero Waste (Waste to Worth)

Sustainable Packaging | Plastic Recycling | Wastewater Treatment & Recycling

Towards Zero Carbon (Energy Efficiency)

Solar Energy | Hydrogen | Energy Harvesting | Electric
Vehicle | EV Fast Charging

SUSTAINABLE FOOD & NUTRITION

Food Protein & Nutrition

New sources | Plant-based proteins | Alternative Ingredients | Whole Egg Substitutes | Future Food | Microbes | Novel Ingredients & Processes | Composting | Food Valorisation

Sustainable Manufacturing & Packaging

Food processing | Edible Packaging | Coatings | Shelf Life Extenstion

Smarter Food Safety

Blockchain | IoT Sensors | Location Tracker | Predictive Analysis

Agrifood

Plant Quality | Higher Plant Yield | Resource Efficiency | Automation | Agriwaste | Sustainable Agrochemicals

Aguaculture

New Farming Species | Intensification | Feeds & Nutrition | Health & Genetics | Recirculating Aquaculture System (RAS) | Aquafarming Technology



HEALTH & WELLNESS

Manufacturing in Medtech

Wearables | Hearables | Sensors | Assistive Devices | Additive & 3D printing | New Materials

Digital Health

Data Analysis and AI | Monitoring | Telemedicine

Diagnostics

Non-invasive test & imaging | Biochip | Genetics-based

Personal Care

Hygiene | Skin Care | Wellness | Formulations | Natured-Derived Active Ingredients | Personalised Solutions | Gut Health | Pre- & Pro-biotics



TECHNOLOGIES		
Theme	Category	
- Any -	- Any -	
Exhibitor/Partner	Keywords	
Pavilion	Location	
- Any -	- Any -	
Search Reset View All You have found 300 search results "Ex-vivo Navigation Drug" – Active Visualization for Extracorporeal Surgical Operation Vene Details Tex-vivo Navigation Drug" by a patform technology visualizing specific target biophysical materials including cancer cells, secreton and molecules intracorporeal (vivo) and/or extracorporeal (vivo) and or		
Exhibitor : GORYO Chemical, Inc.		
"In-vivo Navigation Drug" – Active Visualization for Intracorporeal Surgical Operation View Details Request Meeting		
Navogation Drug (NU)* a platform betwindopy visualizing specific target materials including canner cells, secretions and molecules interpretage and another enterpretage (ser vivo) on a basis of site specific active and strong uninescence fluorescent probes. Although conventional probes ent fluorescence regardless of the presence or absence of the target materials, the ND is designed to start emitting fluorescence through chemical reactions on receptive substance of the target mat.		
Exhibitor: 90RYO Chemical, Inc.		

For Tech Providers:

Join us an exhibitor to showcase your technologies and connect with industry partners over 1-1 meetings!

For Tech Seekers:

Attend the event FREE to check out the latest technologies and connect with providers!



www.techinnovation.com.sg

Success Stories



External Human-Machine Interfaces (eHMI) of Autonomous Vehicles



Robotic Bin Picking with 3D Vision



Portable Water Treatment and Purification System

View all success stories at

https://www.ipi-singapore.org/success-stories



Immediate project partnership opportunities under the Singapore-France Joint Innovation Call

Source	Partnership Opportunity	Remarks
Singapore	AloT-based Real-time Monitoring and Behavioural Pattern Recognition for Human Activities	Looking for French partner
Singapore	Materials for Printed Electronics: Copper Inks	Looking for French partner
Singapore	Silver Nanowire (AgNW) for Transparent Conductive Films	Looking for French partner
Singapore	Solid-state drive with embedded artificial intelligence (AI) for real-time protection against cyber-attacks	Looking for French Partner
Singapore	CO2 Capture from Waste/Biomass to Energy Plant to reduce fossil fuel-based CO2 emission	Looking for French Partner
France	Novel therapies to prevent and treat ear disorders	Looking for Singapore Partner
France	Novel Nanomedicine for oncology/cancer (solid tumours) treatment	Looking for Singapore Partner





Get in touch with us at services@ipi-singapore.org

Stay updated! Subscribe to our network.

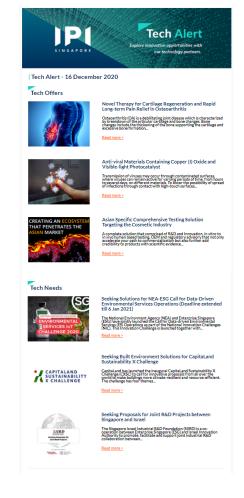
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Thank You

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