



# LIF Global Malaysia

## The Leaders in Innovation Fellowships Global programme

The Royal Academy of Engineering's Leaders in Innovation Fellowships (LIF) programme supports talented entrepreneurs from around the globe to turn their engineering innovations into impactful, sustainable businesses.

### What we do

We nurture bold, scalable innovations from all areas of engineering and technology that are addressing some of the world's most complex environmental, economic, and societal challenges.

### Our USP

- Our personalised approach focuses on acquiring foundational entrepreneurship skills. These then lead to accelerated commercial growth, job creation, and investment in the businesses our programme supports.
- Our entrepreneurs benefit from the Academy's unique,

prestigious network, which brings together expert Academy Fellows, likeminded entrepreneurs, investors, business leaders, researchers, and policymakers.

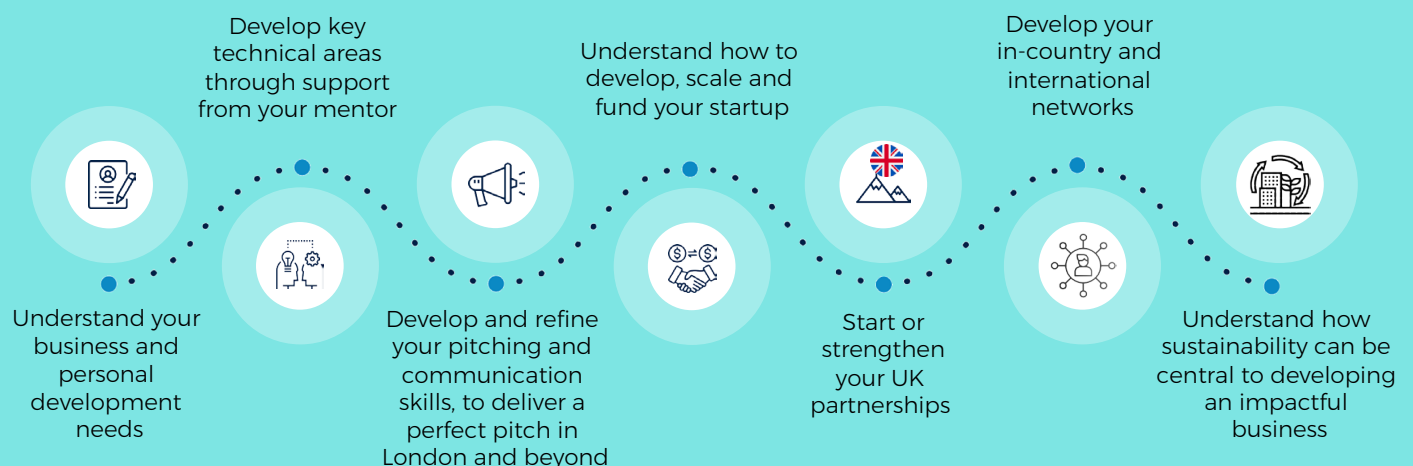
- We empower a worldwide community of more than 1,400 alumni to support each other, and curate a programme of networking events, pitch opportunities and ongoing entrepreneurship training.
- We don't take equity, fees or IP.

### Our offer

- **Smart, flexible training**, designed around the needs of our innovators.
- **Tailored mentoring** from highly accomplished entrepreneurs and business leaders.
- **A network of peers** in the UK and internationally.
- **Ongoing support** from the Academy's global network and unique convening power.



## The LIF Global journey



## LIF Malaysia – impact

### LIF Global 2024



**6 innovators**  
graduated



**Over 150 hours**  
of training and mentoring



**6 against 17 SDGs**  
delivered against

### Since 2016



**81**  
alumni  
members

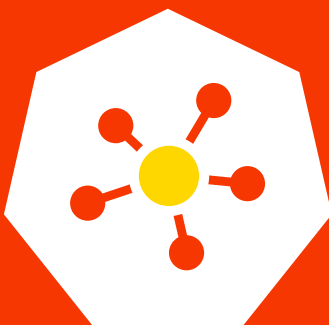


**Over 369**  
new high value  
jobs created



**\$2.4 million**  
of third party follow-on  
funding raised

## Impact of the programme across the world:



**Since 2014 1,450**  
**LIF alumni from**  
**19 countries**  
commercialised their  
innovation and gathered  
in an active online  
community



**More than 6,800**  
**jobs created**  
through innovators'  
companies



**In excess of \$192**  
**million raised**  
as further funding by  
innovators to support their  
technology

## LIF Global 2022 innovators

**1. Pooi-Fong Wong, SDen-Detect** – a severe dengue diagnostic kit.

**2. Choe Leo, SuperRubber Coating** – protecting structures and buildings under extreme weather using plant based polymer and biocompatible nanoparticles.

**3. Zainoodin Sheik Abdul Kader, TYPHOIDYNE uSPOT EIA** – a simple, rapid diagnostic tool for early detection of typhoid fever in endemic and non-endemic areas.

**4. Wendy Leong, Mobiva** – a collaborative care ecosystem that allows people to access care services easily via a mobile device while providing peace of mind to their families.

**5. Pramila Tamunaidu, Bio-P and Bio-G** – an innovative, high-quality, 100% organic and

environmentally safe soil fertiliser produced through the concept of bio-circular economy from organic waste.

**6. Hanim Salleh, H-Gen** – converting mechanical vibrations and movements to electricity using biomaterials.

**7. Muhamad Ramdzan Buyong, DEP Water Sense** – a rapid detection device for bacteria identification in water.

**8. Mohamad Hanif Md Saad, Complex Event processor For Scientific and Engineering Application (CAISER)** – an integrated platform consisting of software and hardware-based adapters that can be used to develop intelligent systems for scientific and engineering applications in various industrial and residential sectors.



## About LIF Global Malaysia

LIF Global Malaysia is delivered together with the Malaysian Industry-Government Group for High technology (MIGHT).

MIGHT is a think-tank that plays a key role in developing Malaysia's high technology for business through its private/public consensus building and business nurturing platforms. It is an organisation built on the strength of public-private partnership with more than 80 local and international members from industry, government and academia.

**MIGHT**  
Malaysian Industry-Government Group  
for High Technology



LIF helped us improve the focus of the innovation and gave us a better understanding of the market need and demand.

Fatimah Ibrahim,  
LIF4 Malaysia

## Contact information

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The **Royal Academy of Engineering** is harnessing the power of engineering to build a sustainable society and an inclusive economy that works for everyone. In collaboration with our Fellows and partners, we're growing talent and developing skills for the future, driving innovation and building global partnerships, and influencing policy and engaging the public. Together we're working to tackle the greatest challenges of our age.

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