



LIF Global Jordan

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

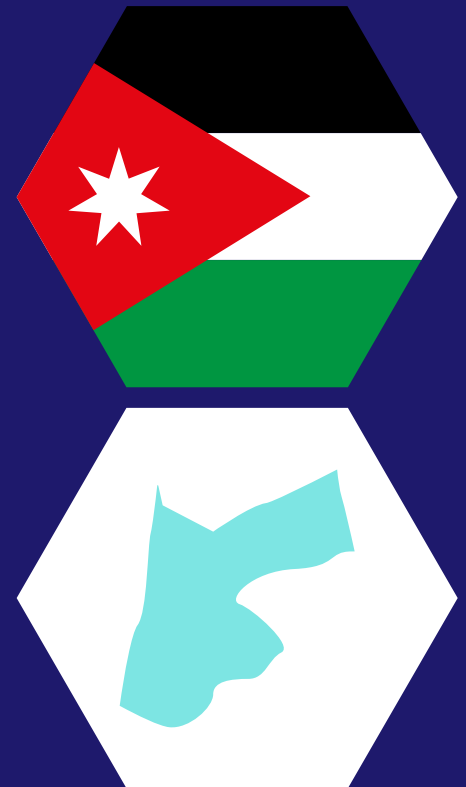
- Our personalised approach focuses on acquiring foundational entrepreneurship skills. These then lead to accelerated commercial growth, job creation, and investment in the businesses our programme supports.
- Our entrepreneurs benefit from the Academy's unique,

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

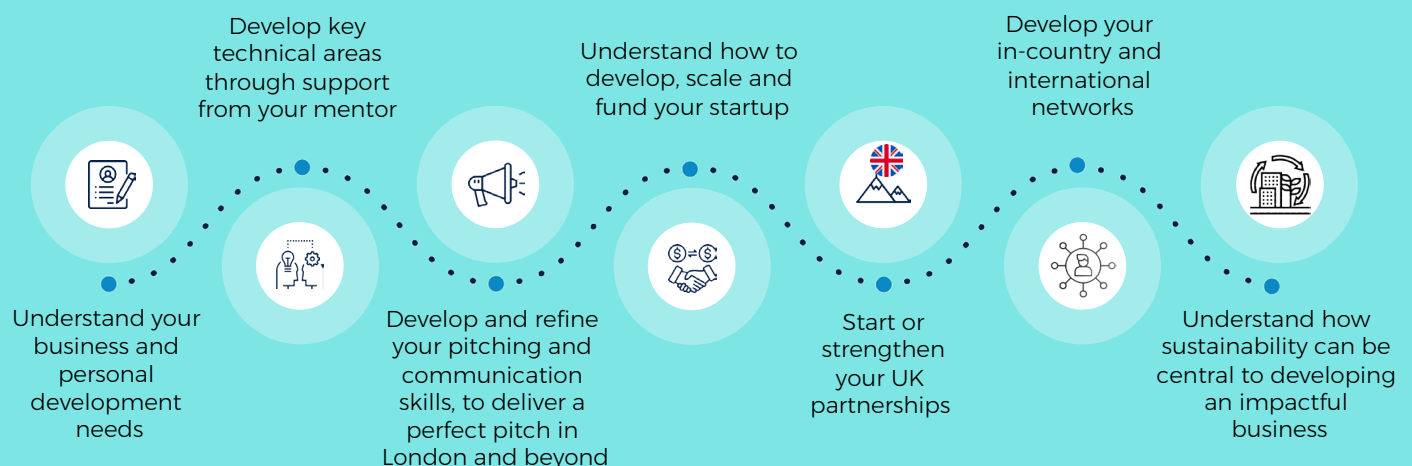
- We empower a worldwide community of more than 1,400 alumni to support each other, and curate a programme of networking events, pitch opportunities and ongoing entrepreneurship training.
- We don't take equity, fees or IP.

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 Jordan – impact

LIF Global 2023



11 innovators
enrolled



Over 150 hours
of training and mentoring



8 SDGs
delivered against

Since 2015



35
alumni
members

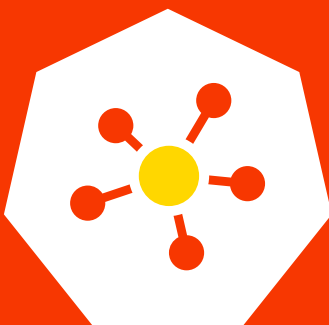


Over 105
new jobs created



\$2.7 million
of third party follow-on
funding raised

Impact of the programme across the world:



Since 2014
1,400 LIF alumni
from 19 countries
commercialised their
innovation and gathered
in an active online
community



More than 3,500
jobs created
through innovators'
companies



In excess of
\$100 million raised
as further funding by
innovators to support their
technology

LIF Global 2023 innovators

- 1. Heba Asa'd, Smart WTI** – A digital solution for efficient water demand management.
- 2. Hiba Zalloum, SHINTA VR** – A new pharmaceutical composition for the treatment of cancer which is safer and cheaper to produce compared to available regimen.
- 3. Alaa Al Zetawi, Roof Top solar panel rapid shutdown receiver** – A power line communication receiver allowing solar panel systems to shut down in case of emergency, minimizing the risk of death or injury.
- 4. Omar Asaad, Smart Eye/NeuroTech** – A high-tech smart energy optimizer, controller & distributor.
- 5. Hatim AlKhatib, Ophthalmic nano-dispersion composition** – An ophthalmic formulation of Vitamin C that accelerates healing of corneal injuries and protecting the eyesight of patients.
- 6. Nidal Hussein, Waste by-product used to clean contaminated water** – A new heavy metal treatment filtration process using a super bio-adsorbent based on modified olive leaves bio-mass.
- 7. Musab Al-Hour, Commercialize Digital Resource Efficiency and Cleaner Production Service** – Making resource efficient and cleaner production more appealing for companies and industries.
- 8. Bahaa Aldin Jaber, Ascorbyl glucoside eye drop** – An eye drop for corneal diseases to enhance healing.
- 9. Othman Almashaqbeh, JOZEO-WW** – Removing emerging pollutants from industrial and domestic wastewater.
- 10. Hala Yousef, PNIN** – A medical device that works on the technique of functional electrical stimulation to help foot drop patients walk more naturally using AI and IOT.
- 11. Qasem Qananwah, A device to measure blood pressure non-invasively using an optical technique** – Allowing more comfortable, continuous monitoring of blood pressure employing artificial intelligence algorithms.



About LIF Global Jordan

LIF Global Jordan is delivered together with the Higher Council for Science and Technology (HCST)/ The Industrial Research and Development Fund.

HCST increases awareness of the significance of scientific research and development, grants funding and direct scientific and research activities) in line with Jordan's national priorities and development orientations.



The LIF program taught me humility, drive, and a desire to publish high-impact papers and turn those into real-life products. It taught me how to be an entrepreneur and provided the skills to succeed in this new arena.

Kyle Cordova, LIF 7

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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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