PROTOTYPES
FOR **HUMANITY**

We enable innovations to produce real-world impact for humanity.

Now in its 10th edition and with a newly allocated **AED 100 million fund**, our programme **celebrates** academic ingenuity and works hands-on with university talent to **bring solutions to life**.

OUR WORK

We work with the **brightest graduates** from **universities across the world** to help develop **innovative technologies** for **pressing global issues**

2023 Programme Highlights

OUR NETWORK

An unmatched network of **university talent** working on **social and environmental impact innovation** globally

+1,000
PROJECTS SHOWCASED IN DUBAI

20k
Professors network

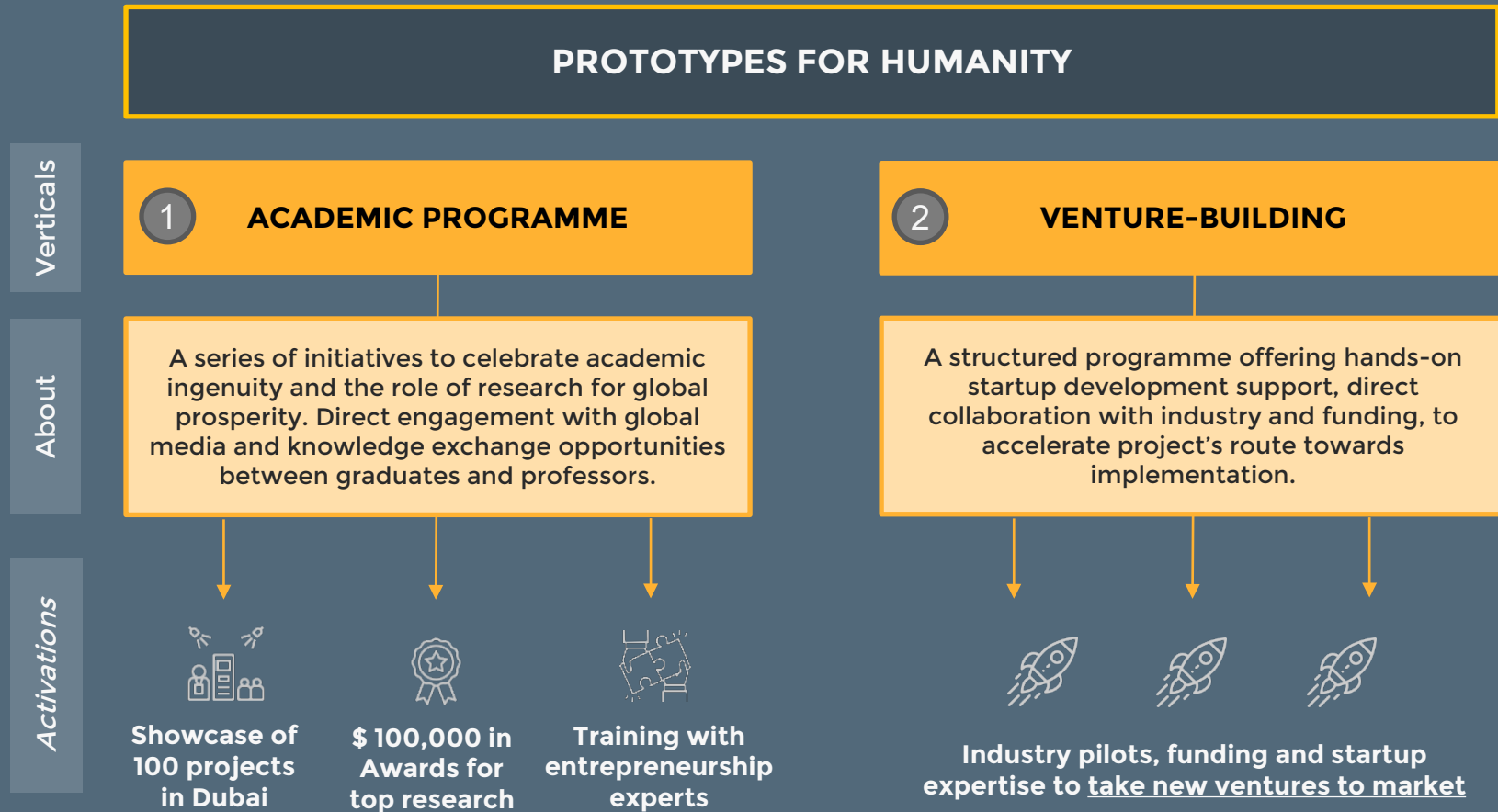**800+**
Universities

100+
Countries

90%
of world's top universities

ALL
disciplines
across science, tech and creative fields

WHAT WE DO

a programme made of two complementing verticals:

PROTOTYPES FOR HUMANITY

Verticals

| 1 | ACADEMIC PROGRAMME | 2 | VENTURE-BUILDING |

About

A series of initiatives to celebrate academic ingenuity and the role of research for global prosperity. Direct engagement with global media and knowledge exchange opportunities between graduates and professors.

A structured programme offering hands-on startup development support, direct collaboration with industry and funding, to accelerate project's route towards implementation.

Activations

Showcase of 100 projects in Dubai

$ 100,000 in Awards for top research

Training with entrepreneurship experts

Industry pilots, funding and startup expertise to take new ventures to market

WE FOCUS ON TANGIBLE SOLUTIONS

by enabling projects to produce concrete outcomes. Examples from past editions:

A 10x faster, AI-enabled screening test for infections
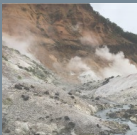*University of Oxford*

A marine robot for the regeneration of coral reefs
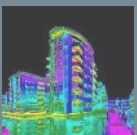*Zhejiang University China*

Machine-learning software that predicts organ failure
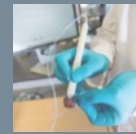*Imperial College London*

A low-cost agriculture tool for small farms
Pontifical University of Peru

A mathematical model to predict landslide risk
University of Athens

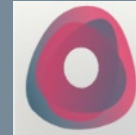A reflective paint to regulate urban temperatures
Turin Polytechnic and CDI France

A medical pen that can detect cancer in seconds
Stanford University

Makeshift healthcare facilities for epidemics
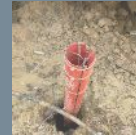*Makerere University Uganda*

A low-tech barrier preventing plastic waste dispersion
University of Cologne

AI to monitor public procurement processes
U. San Francisco Quito, Ecuador

Smart helmet that helps to prevent road accidents
Korea Institute of Science & Technology

Optical fiber device for real-time ground monitoring
U. Technology Petronas, Malaysia

VENTURE-BUILDING

We support high-potential projects with funding, expertise and engagement with industry partners to validate technical and commercial assumptions, preparing them for market launch, further funding and growth.

Project journey

Phases::

Sourcing and Selection

Industry Validation

Launch and Grow

Programme support:

Training and Expert-led Due Diligence

Funding, venture-building support, and direct collaboration with industry partners to pilot and validate technical and business assumptions.

Fundraising, Build, Launch and Grow

Examples of entities/sectors we engage with:

- Hospitals and Medical Labs
- Developers and Real estate
- Agriculture and Farming
- Manufacturing and Recycling
- Airlines and Transportation
- Energy and Utilities
- Logistics and Infrastructure
- Financial and Banking
- Space and Satellite tech
- Regulators and Policy-makers
- City planners and Urban Mobility
- Humanitarian and Preservation
- Data, Computer Science, AI
- Education and Learning

VENTURE-BUILDING

Examples from 2024 venture cohort:

Area:	SMART INFRASTRUCTURE	ENERGY TRANSITION	HEALTHIER, GREENER CITIES
Focus:	Decarbonization and increased safety of city infrastructure	Piloting applied research for efficiency and emissions	AI-enabled healthcare and agricultural yields.
Projects:	• Carbon-negative **building materials** made from construction waste • **IoT-enabled coating** to monitor failure in high-risk structures	• Bioengineered microorganisms for the production of **biofuels** • Advanced **graphene membrane** for CO_2 separation	• AI tool for rapid cancer **cell analysis** at hospital lab level • Carbon-capturing and water efficient **soil conditioners** for arid lands

MEDIA COVERAGE

Lead story on Euronews Focus

Lead story on BBC World News World Business

Innovation story on WEF

Lead story on Channels Africa

Featured story on Euronews Good News

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