



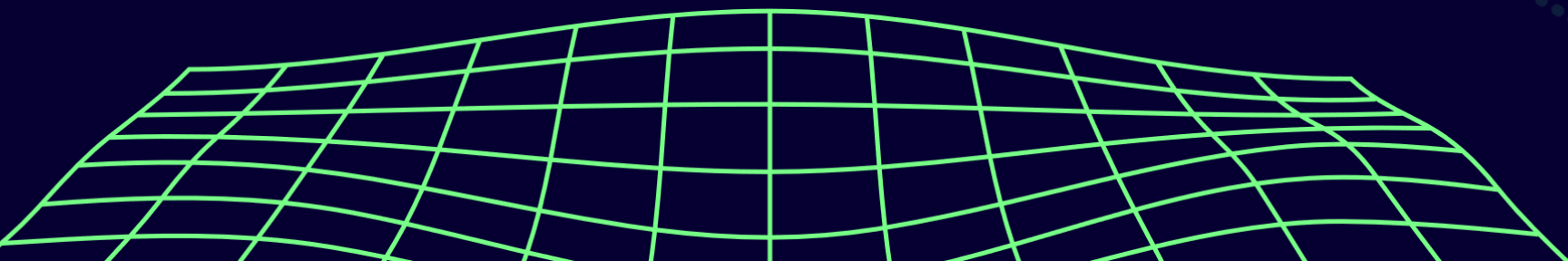
20 METAEDU
24 Smart Education Expo

AI & STEM Education

Our Approach

RICHARD CHUNG
(General Manager)

 **PENANG
STEM 4.0**

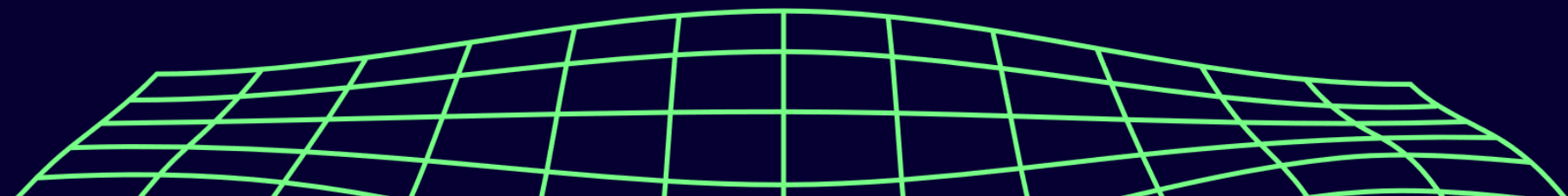


MALAYSIA MAP

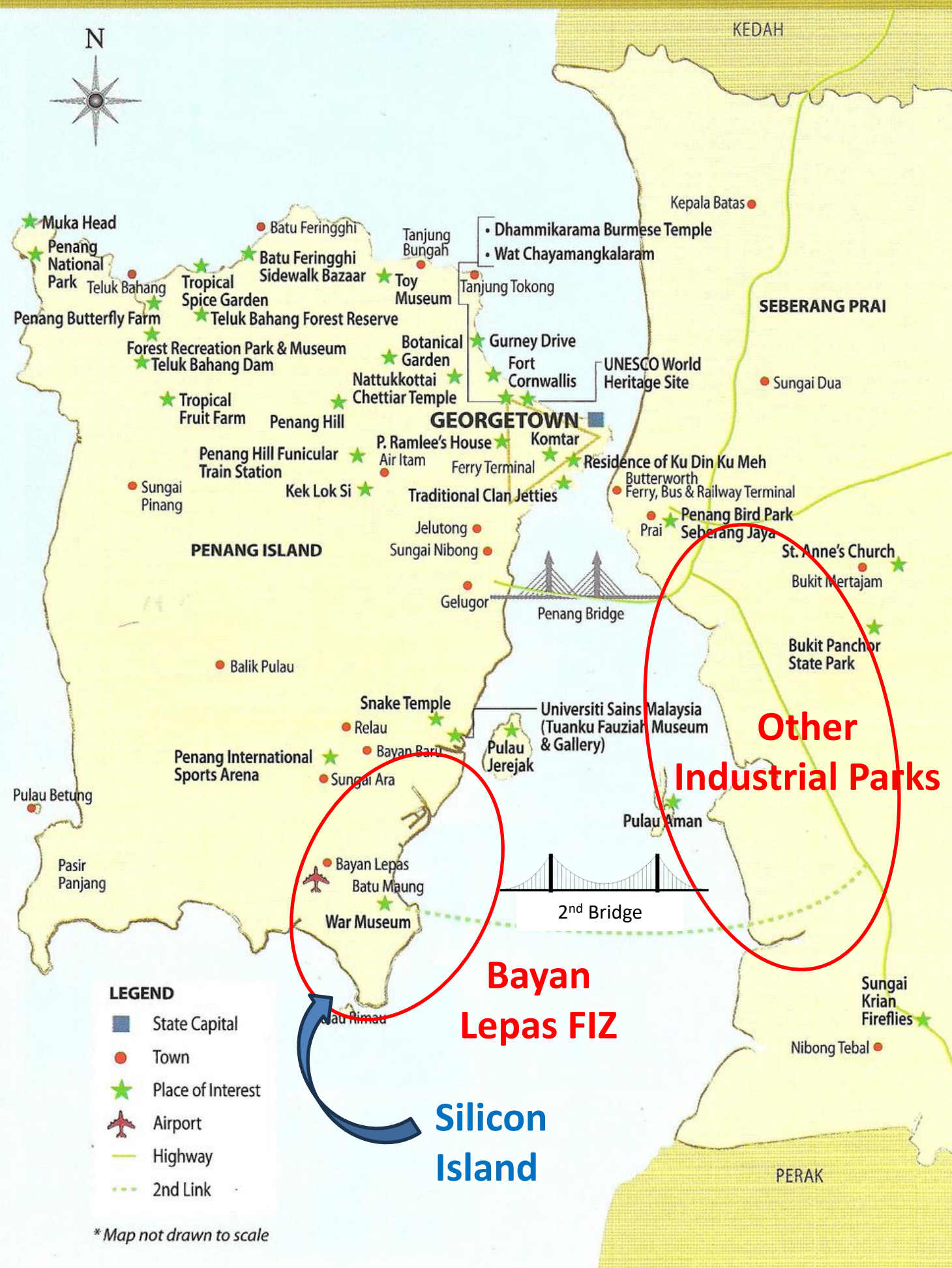


**State of
Penang**

South China Sea



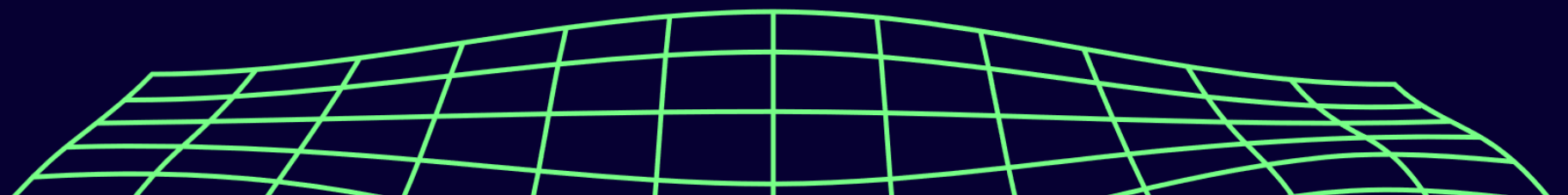
MAP OF PENANG



SILICON VALLEY OF THE EAST

- 1st Industrial zone set up in 1971 (Bayan Lepas FIZ)
- Prai Industrial Estate
- Bukit Minyak Industrial Park
- Batu Kawan Industrial Park
- Penang Science Park
- Penang Cybercity
- Silicon Island (Penang South Island)

- 350 MNCs
- 4,000 LLCs/SMEs



*The map above does not represent an individual brand of companies in Penang.
*Companies with multiple sites are represented by a single site location on the map.
*Credit to PADC for the map framework.



VANGUARDS OF PENANG'S INDUSTRIAL TRANSFORMATION



investpenang.gov.my



pdc.gov.my

Electronics Systems



Agritech, Edutech & Fintech



Global Digital Services & Software Development



Medical Technology & Devices



Others



Outsourced Semiconductor Assembly & Test (OSAT) and Electronics Manufacturing Services (EMS)



Material, Sub-systems, Modules & Components



Metal Fabrication, Precision Engineering & Surface Treatment



Semiconductor IDM & Fabless



Design & Engineering Services



Equipment, Automation & IoT Solutions

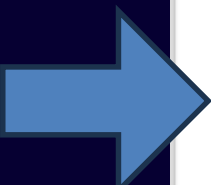


Pioneering Growth, Building the Future Industry Players in Penang



investpenang.gov.my


Latest!

21.8% 



MALAYSIA INVESTMENT PERFORMANCE 2023

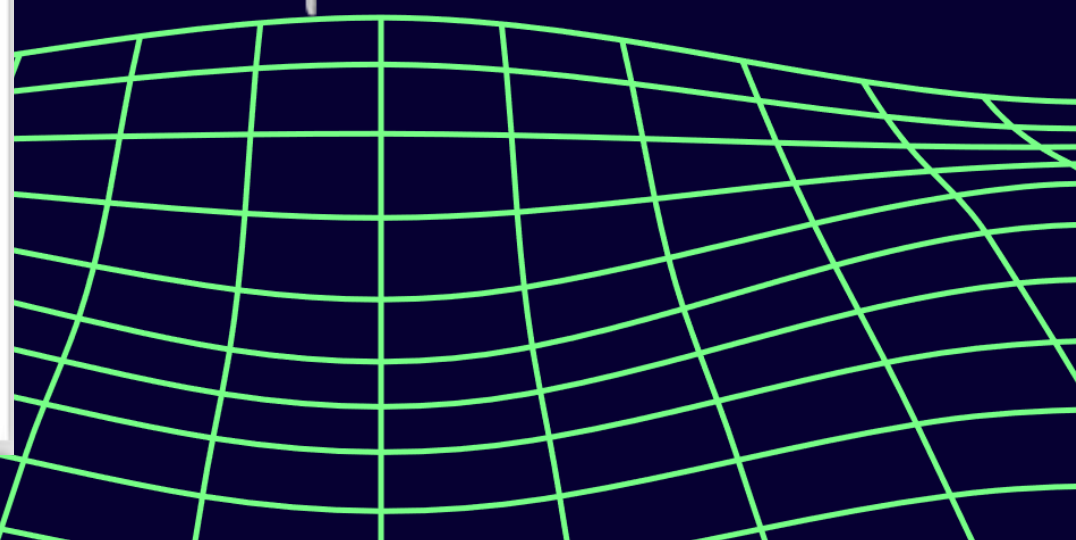
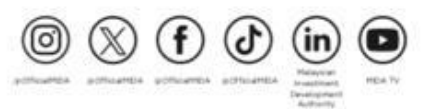


FIVE STATES RECORDED HIGHEST APPROVED INVESTMENTS (RM BIL)	
 Pulau Pinang	71.9
 W. P. Kuala Lumpur	58.3
 Selangor	55.3
 Johor	43.1
 Kedah	28.7

FIVE MAJOR SOURCES OF FOREIGN INVESTMENT (RM BIL)	
 Singapore	43.7
 The Netherlands	35.5
 USA	21.5
 Cayman Islands	17.5
 The People's Republic of China	14.5

Note: Compilation of foreign investments is based on immediate source country

**Due to rounding, figures presented in this infographic may not add up precisely to the totals provided.*





ai

MALAYSIA'S INITIATIVES

1

AI NATIONAL FRAMEWORK

- To guide the development and adoption of AI technologies across various sectors

3

INDUSTRY COLLABORATION

- Tripartite collaboration between government agencies, academia and industry in promoting ai literacy and understanding
- Includes partnerships to develop AI solutions, promote R&D
- Training & Mentorship for students
- Workforce re-skilling

2

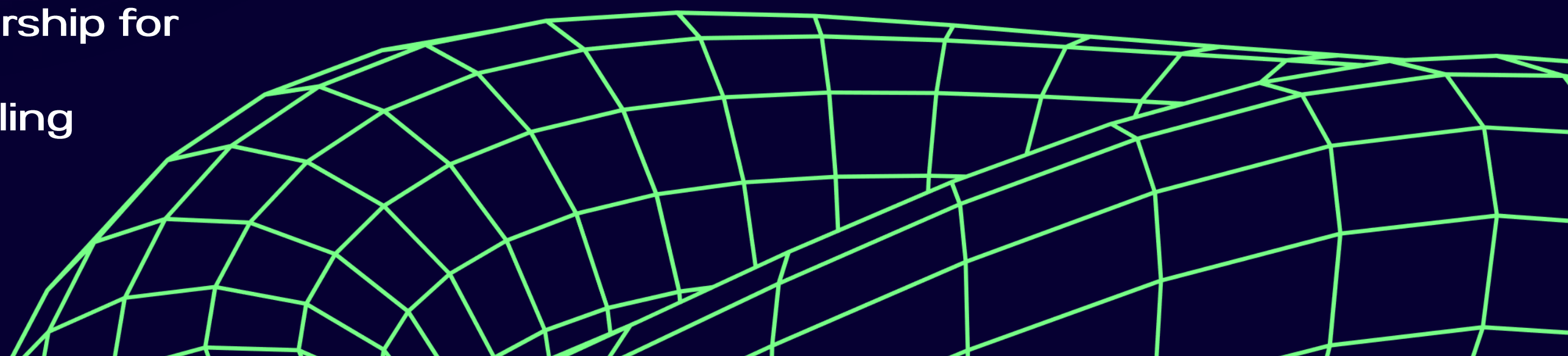
EDUCATION PROGRAMMES

- AI-related courses and programmes offered at IHLs, incl computer science, data science and machine learning, etc
- Technical & skills learning in schools

4

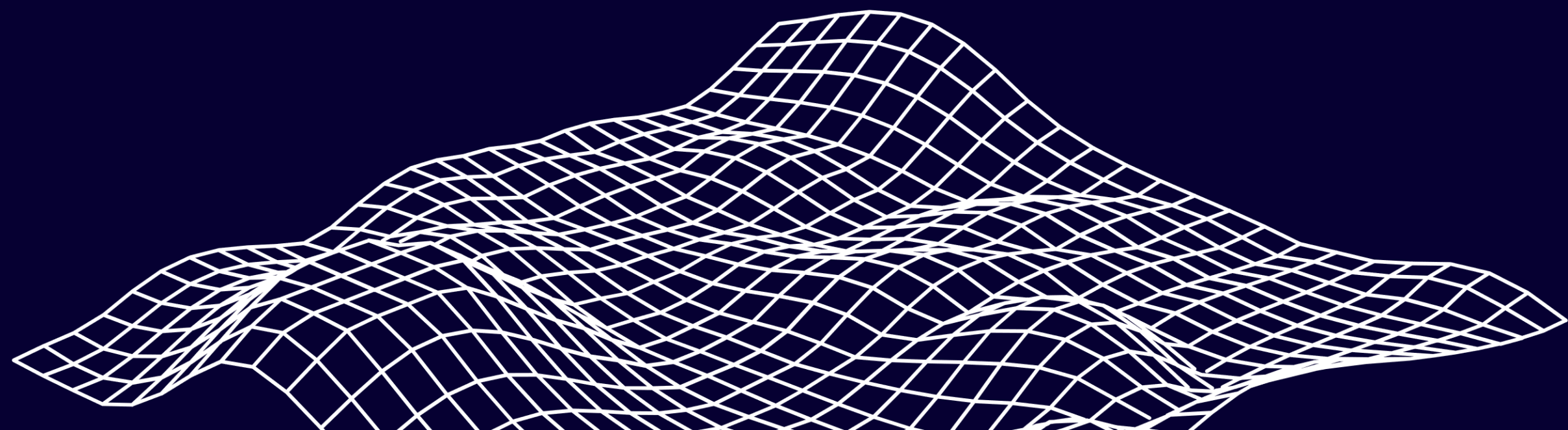
PUBLIC AWARENESS CAMPAIGNS

- Workshops, seminars and conferences
- Recently-launched AI for Rakyat initiative



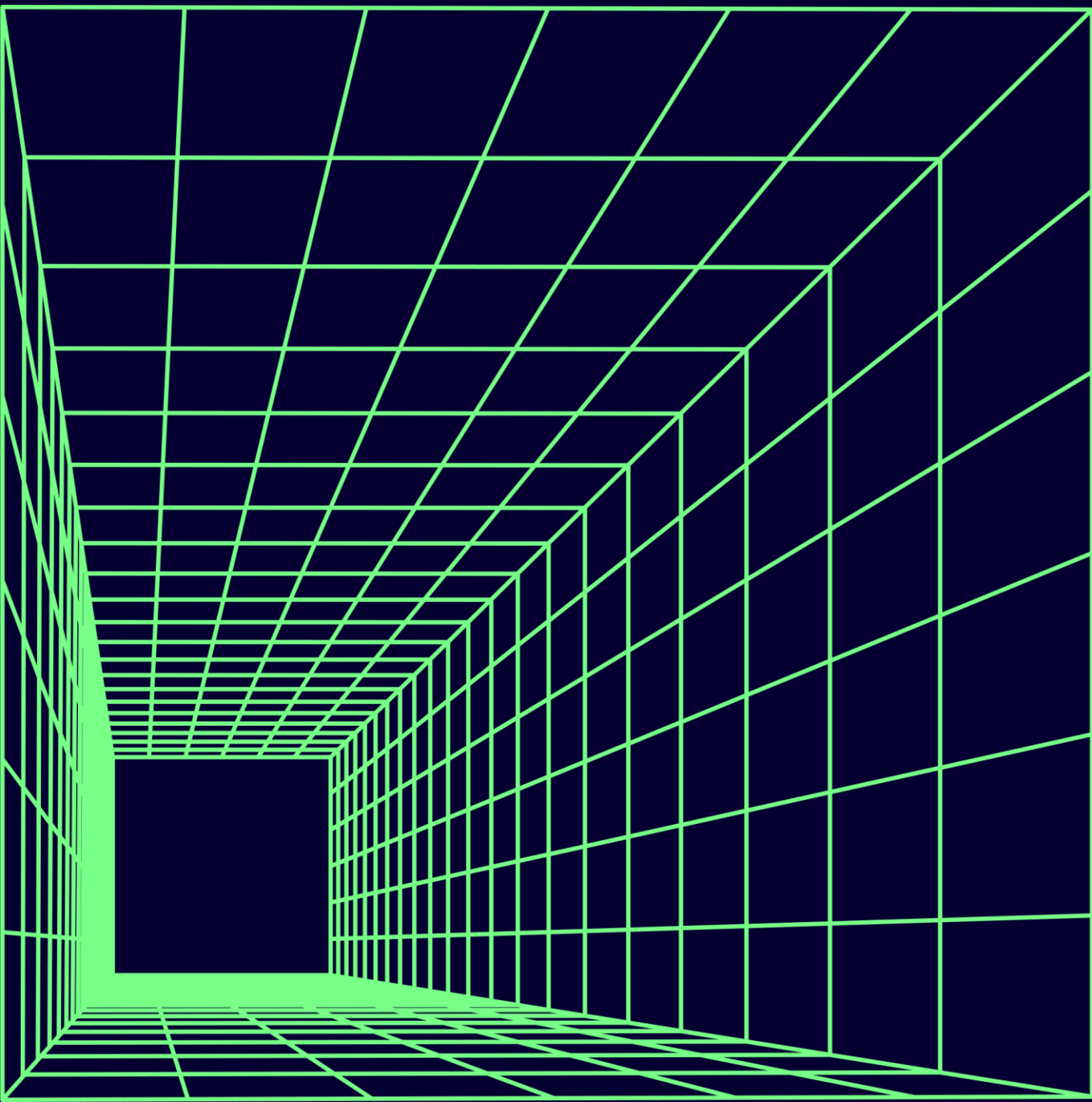


AI FOR CITIZENS





AI FOR CITIZENS



AI untuk Rakyat is a self-learning online program designed to raise public awareness about Artificial Intelligence (AI). It aims to demystify AI for people from all walks of life – a student, a stay-at-home parent, a professional in any field, a senior citizen - basically, anyone interested in getting acquainted with it and wanting to build a 'Digital First Mindset'

The program is divided into two sections:

- AI Aware
- AI Appreciate

Part of the overall aim to make Malaysia the best infrastructure and technology hubs in the region through the **Kuala Lumpur 20 (KL20) Blueprint**



AI FOR CITIZENS

AI AWARE

Defines what is

- Artificial Intelligence.
- Human Intelligence

Helps to differentiate AI and non-AI machines, and resolve popular misconceptions around the technology.

AI APPRECIATE

- Describes the different domains of AI and their impact on various industries.
- Elaborates on the principles of responsible AI and AI ethics



PENANG STEM 4.0

Creating Future Talent Today

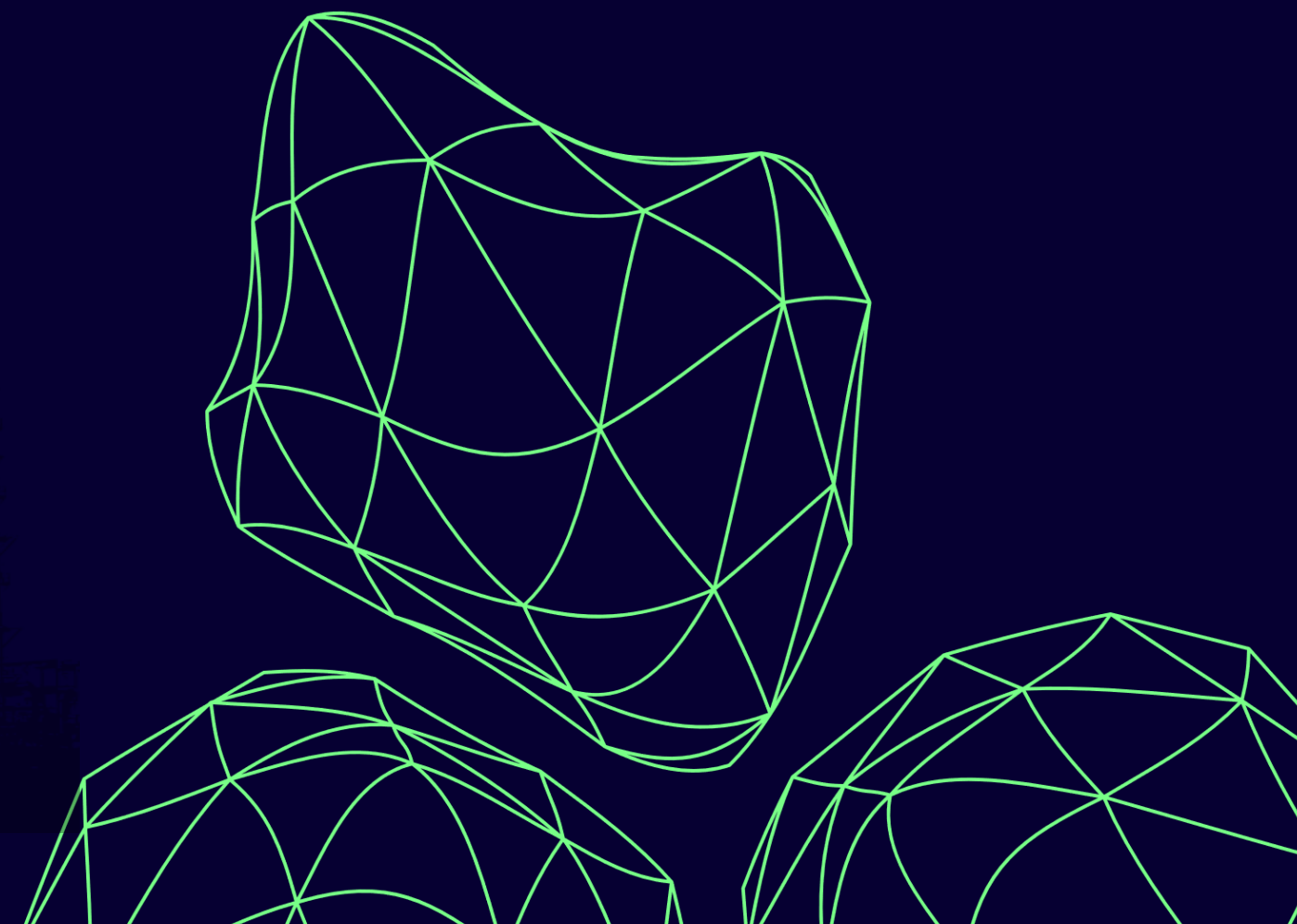
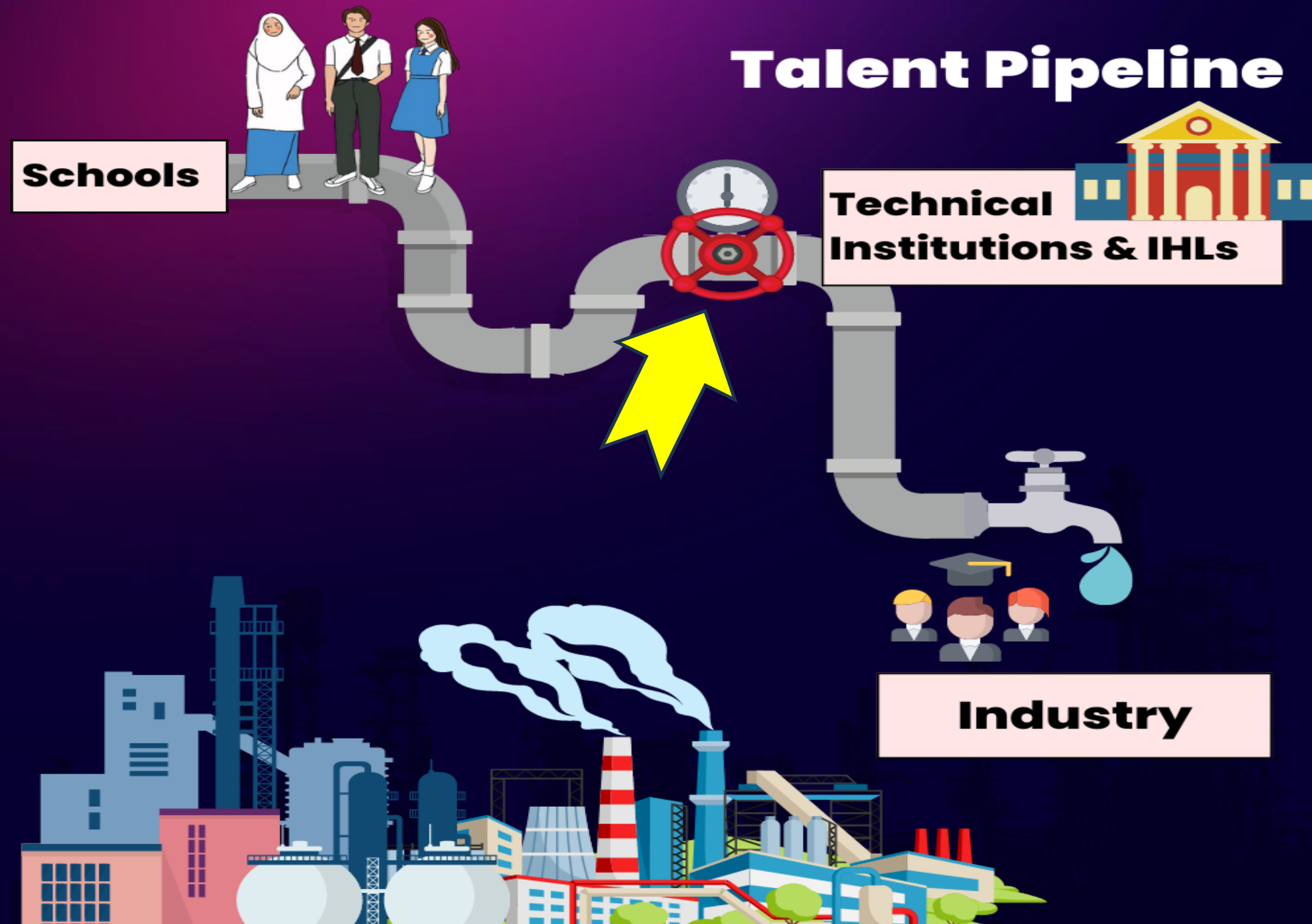
A Penang State Government Agency established to help initiate and streamline the state's drive to develop and nurture a knowledge-driven workforce to support the critical needs of Industry

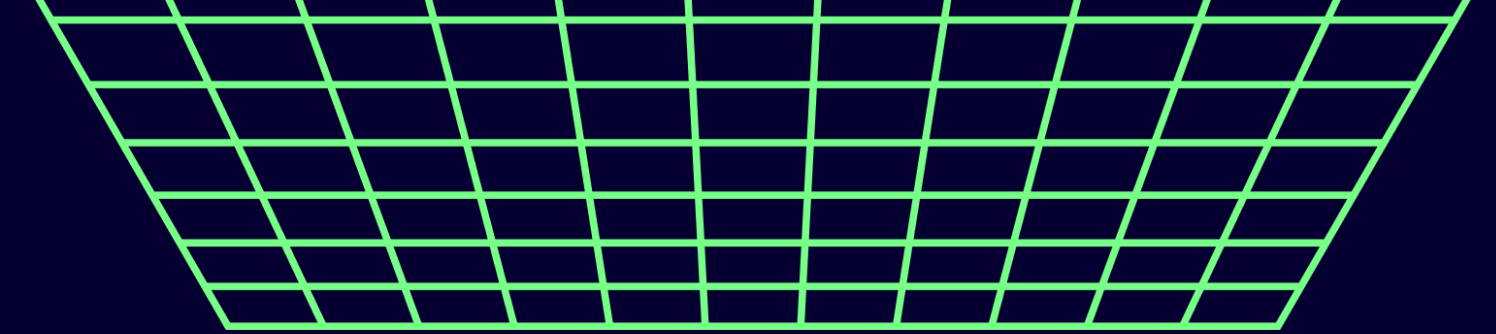
- **VISION**
Creating human talent to drive and support the Digital Economy and 4th Industrial Revolution
- **MISSION**
Establish Penang as a Centre of Excellence in Science, Technology, Engineering & Mathematics



Established 2017

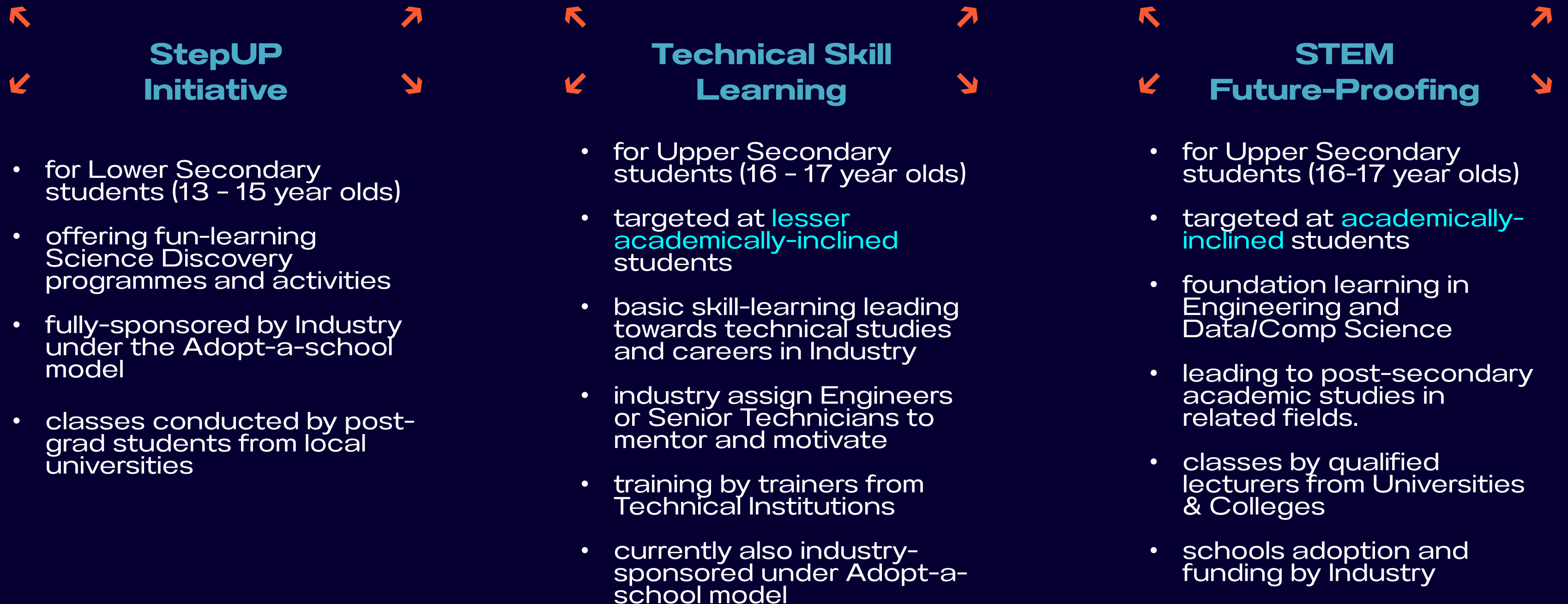
TALENT PIPELINE DEVELOPMENT FROM SCHOOLS





Talent Pipeline Development Projects

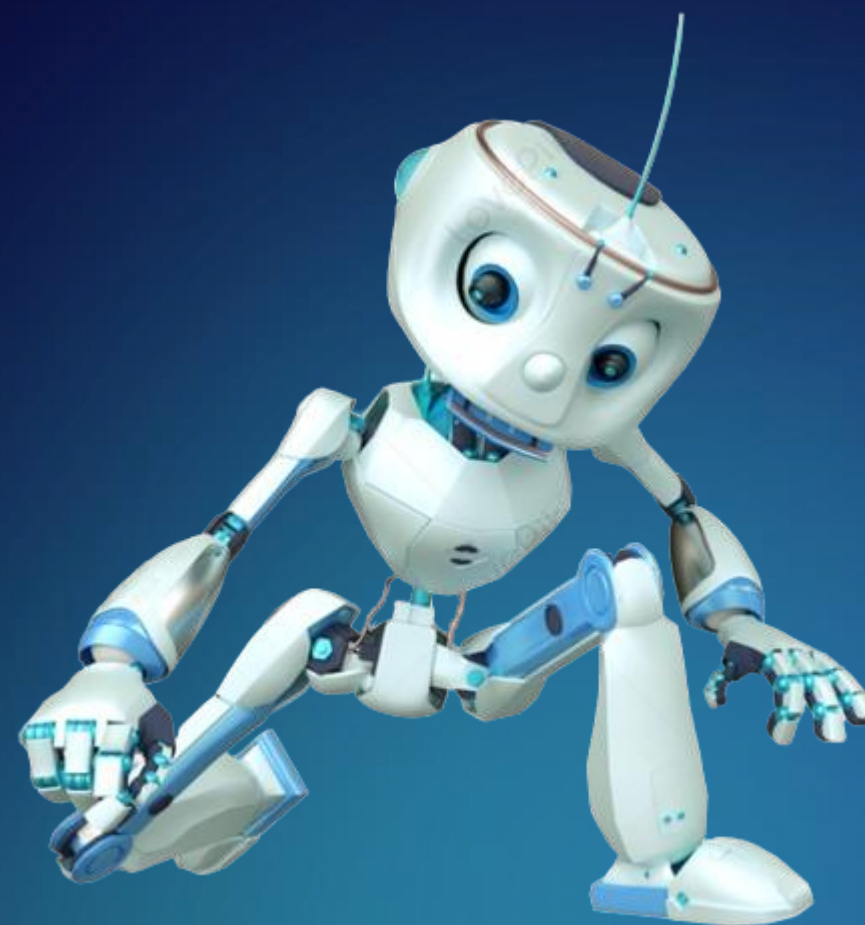
(Industry-supported and involving Academia)



Thank you

 **PENANG
STEM 4.0**

Creating Future Talent Today



Email us at: corporate@penangstem.com

