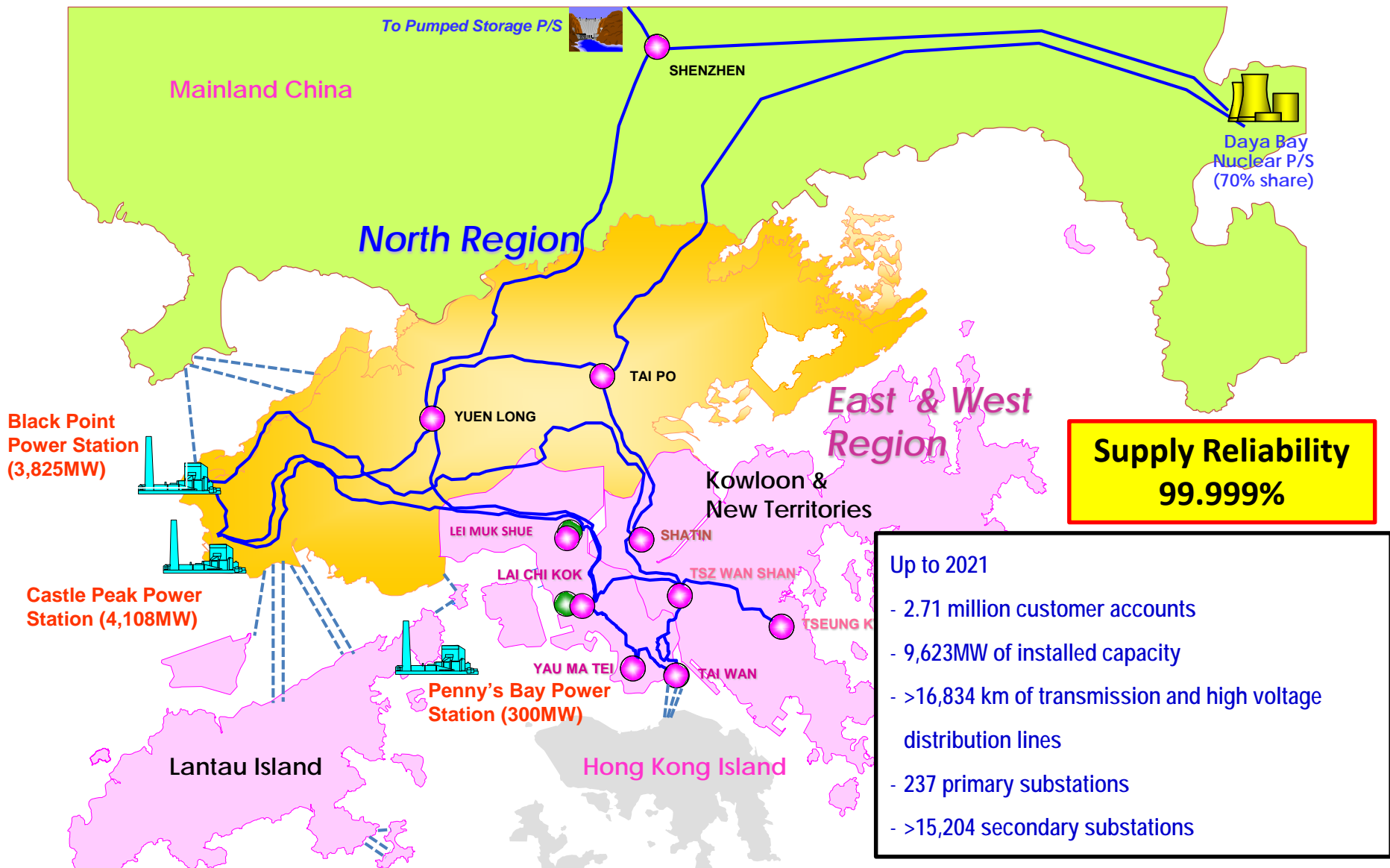


CLP Power Academy VPET Programmes

**Paul Poon, Vice Chancellor
CLP Power Academy**

13 June 2022



We need a team of dedicated engineering professionals and craftsmen working **round-the-clock** to ensure that the operation and maintenance of the system is meeting the required standard in safety, reliability, environment and customer services.

Infrastructure Developments in Hong Kong



New Combined-Cycle Gas Turbine



HK Airport 3rd runway

Continuous High Demand for E&M Professionals

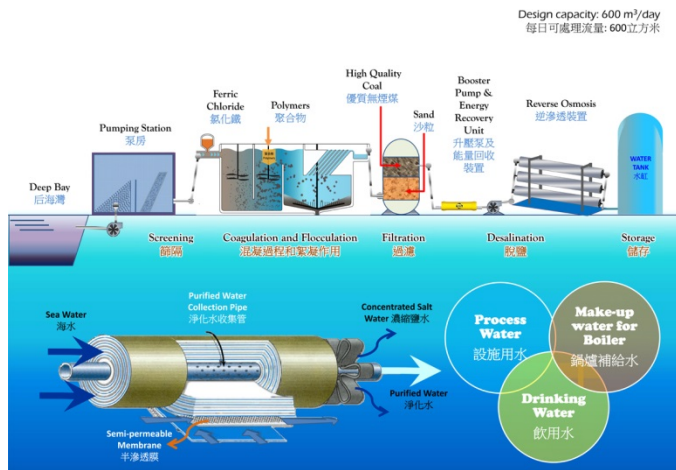


HK – Zhuhai – Macao Bridge

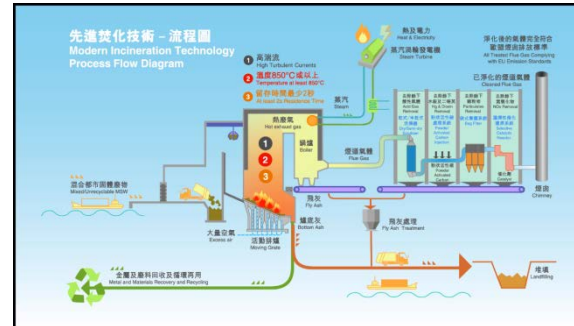


Express Rail Link & other railway projects

Infrastructure Developments in Hong Kong



Desalination Plant



Integrated Waste Treatment Facilities

Continuous High Demand for E&M Professionals



Sludge / Waste Treatment Facilities



Water / Wastewater Treatment Facilities

Technology Advancement



Installation of PV Systems

A.I./Big Data



Net Carbon Zero Project



Bulk Replacement of Smart Meters

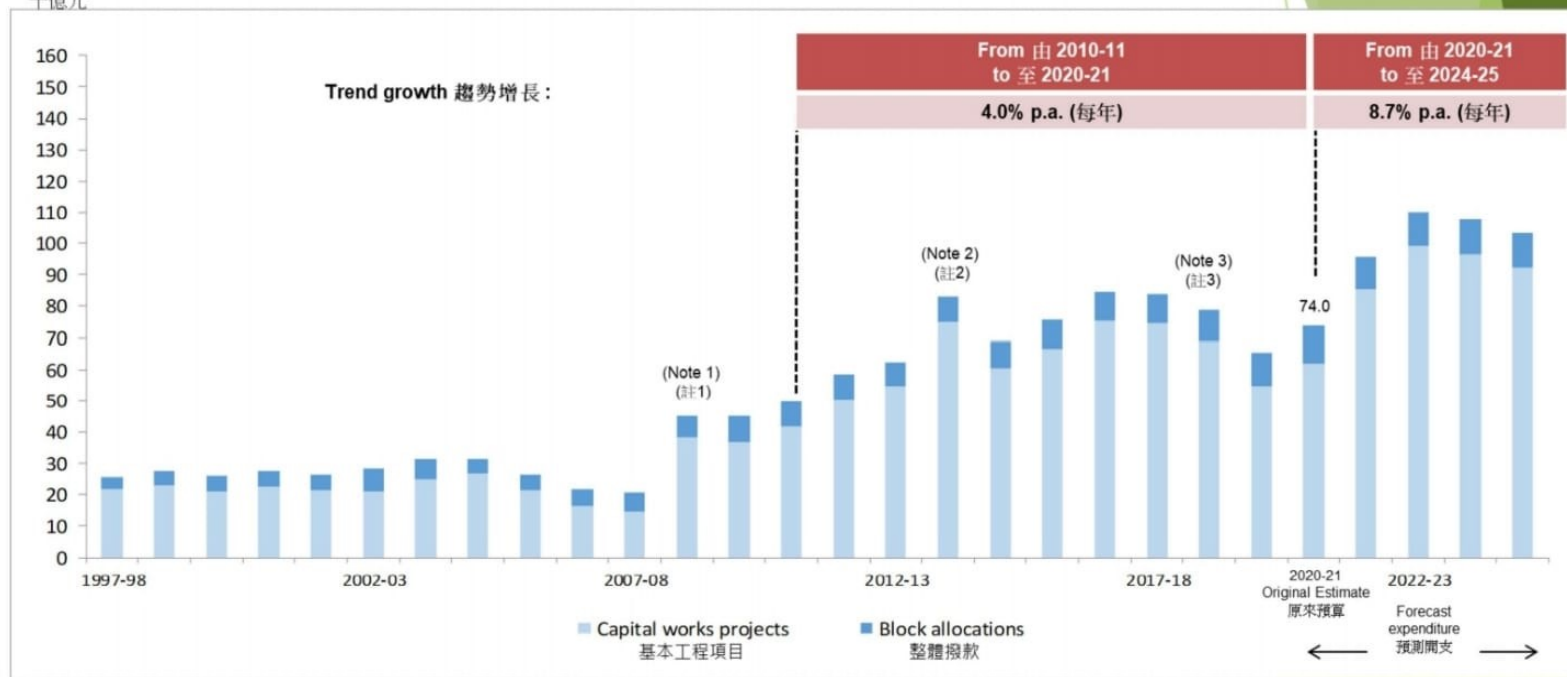


「SmartHub」 - Smart City & Smart Living

Hong Kong Infrastructure Development

INVESTMENTS IN CAPITAL WORKS 基本工程投資

\$ Billion
十億元



Note 1: Including the one-off grant of \$21.6 billion provided to the West Kowloon Cultural District Authority

註 1: 包括向西九文化區管理局提供的216億元一次過撥款。

Note 2: Including the one-off grant of \$13 billion provided to the Hospital Authority

註 2: 包括向醫院管理局提供的130億元一次過撥款。

Note 3: Including the one-off grant of \$10.3 billion to the Education Bureau on the Hostel Development Fund

註 3: 包括向教育局宿舍發展基金提供的103億元一次過撥款。

Existing Systems for School Leavers

**Career and
Professional /
Vocational
Training**



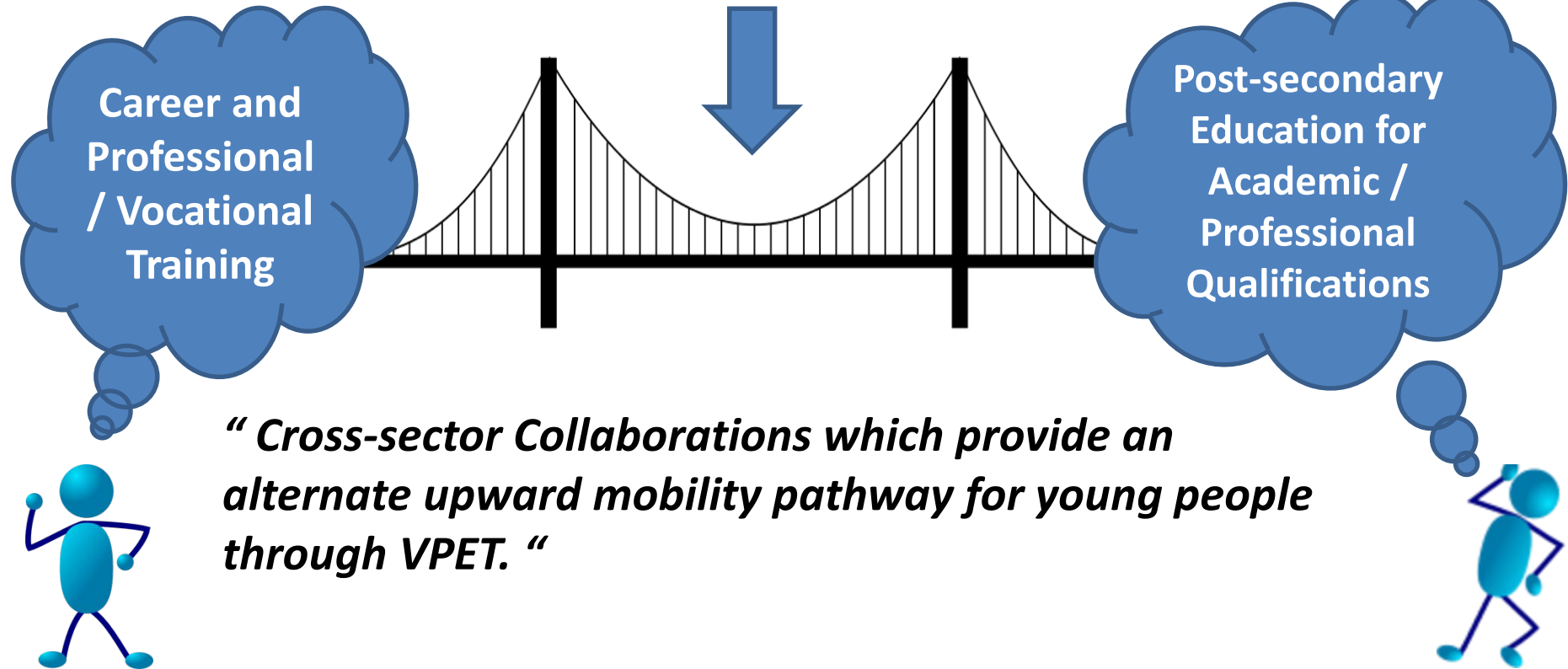
**Post-Secondary
Education for
Academic /
Professional
Qualifications**



New Systems for School Leavers



**Diploma / Professional Diploma / Bachelor / Dual Master
Programme in Power, Electrical & Mechanical Engineering
(Part-time, taught by industry practitioners)**



Objectives

Accelerated programmes through part-time study mode for E&M tradesman or working adults who would like to have career progression or to switch his/her career

- **Qualification Framework Level 2 – 6**
- **Two streams available : Electrical and Mechanical**
- **Practical and Industry Focused**
- **Registered Electrical Workers qualifications (REW A, B, C and H) plus other professional qualifications**

A visible academic / professional / career path through Vocational and Professional Education and Training

Programme Overview & Partners

Certificate / Diploma in Power Engineering



Diploma in Infrastructure Engineering (Electrical & Mechanical)



Diploma in Power Installation



Professional Diploma in Power Engineering
(Power Systems Stream / Power Plants Stream)



Professional Diploma in Engineering Studies (Mechanical)



Bachelor of Engineering (Honours) in Electrical Engineering
/ Mechanical Engineering



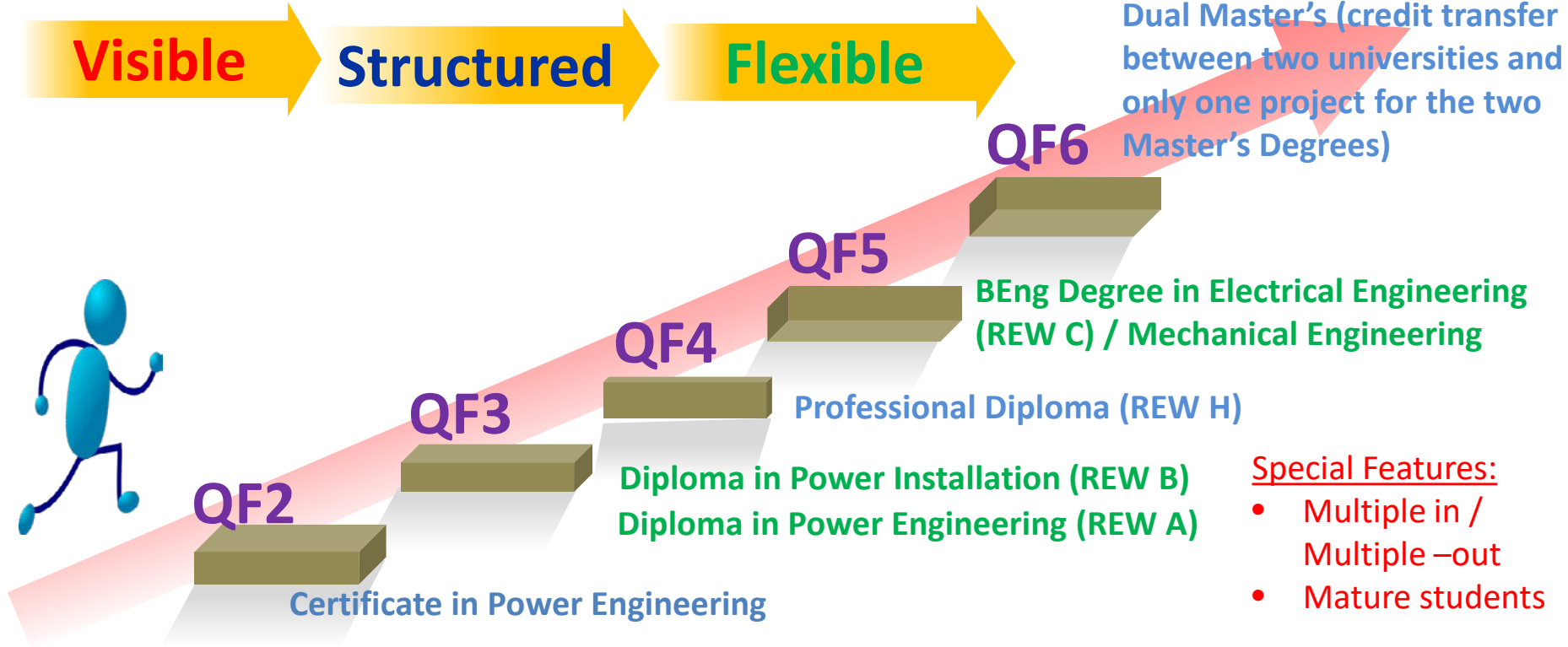
Dual Master's Degree (MPhil and MSc)



香港科技大學
THE HONG KONG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY

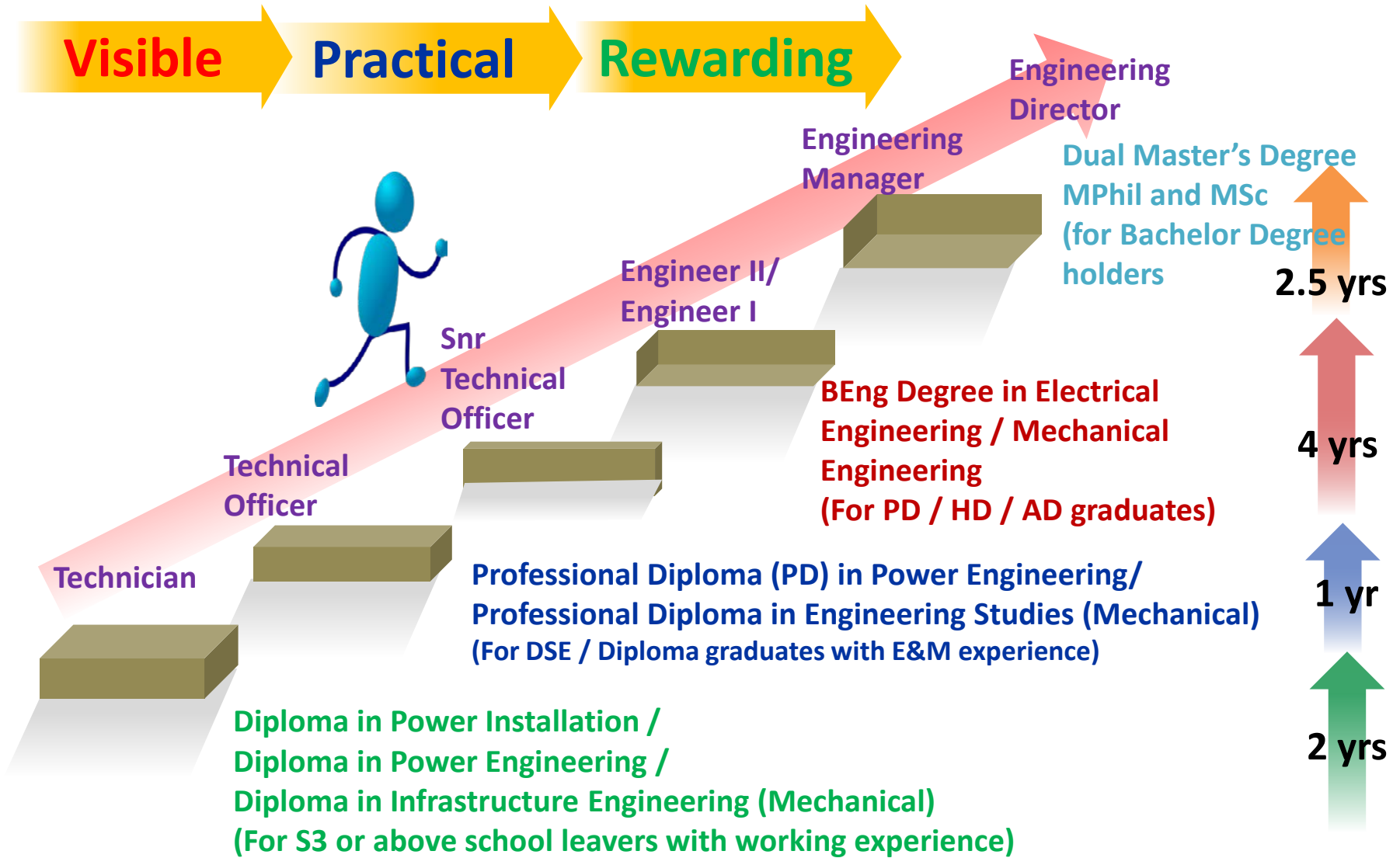


Continuous Learning Pathway

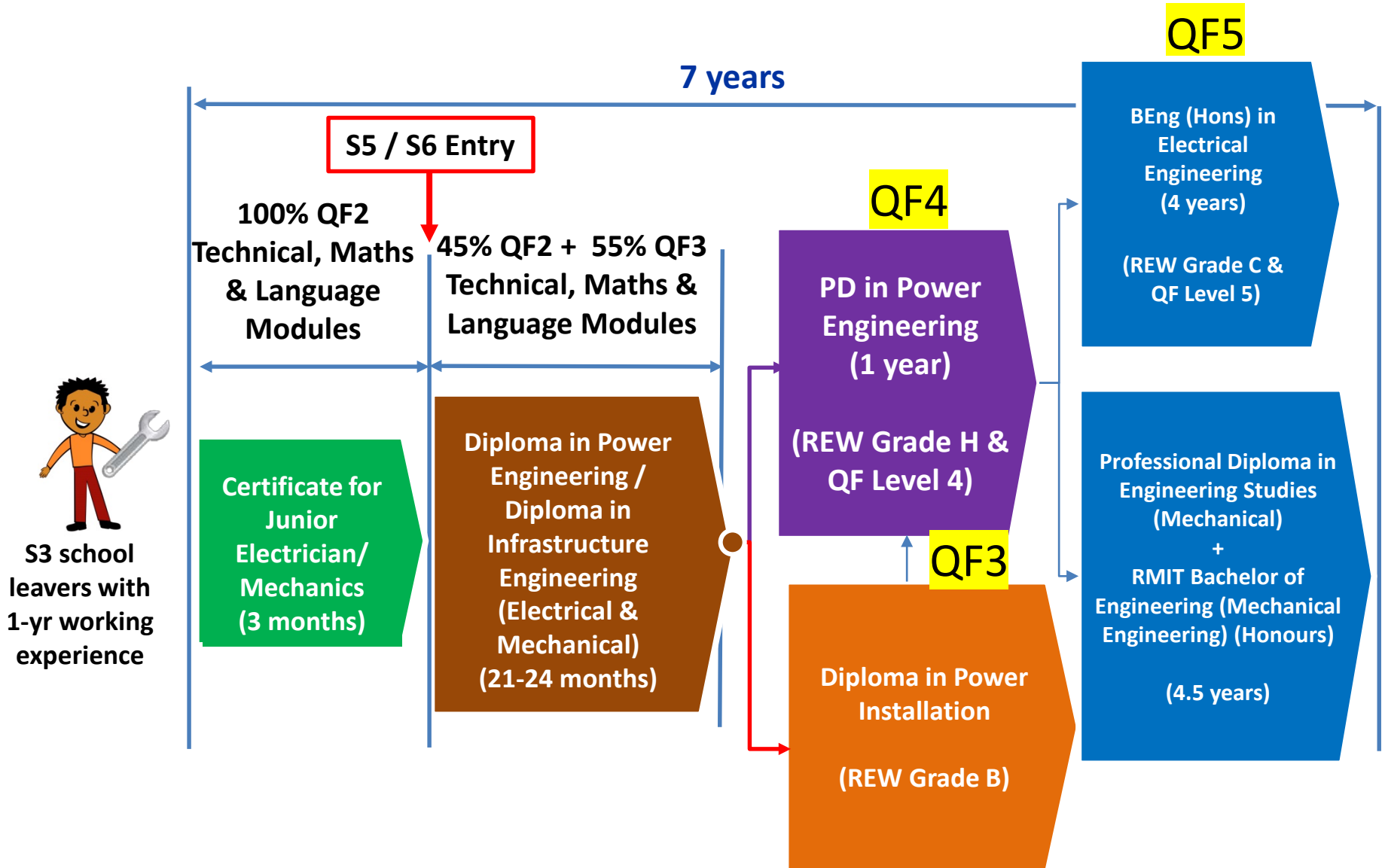


S3 School Leavers with Working Experience. Recognition of prior learning and experience.

Continuous Career Development (CLP as Case Study)



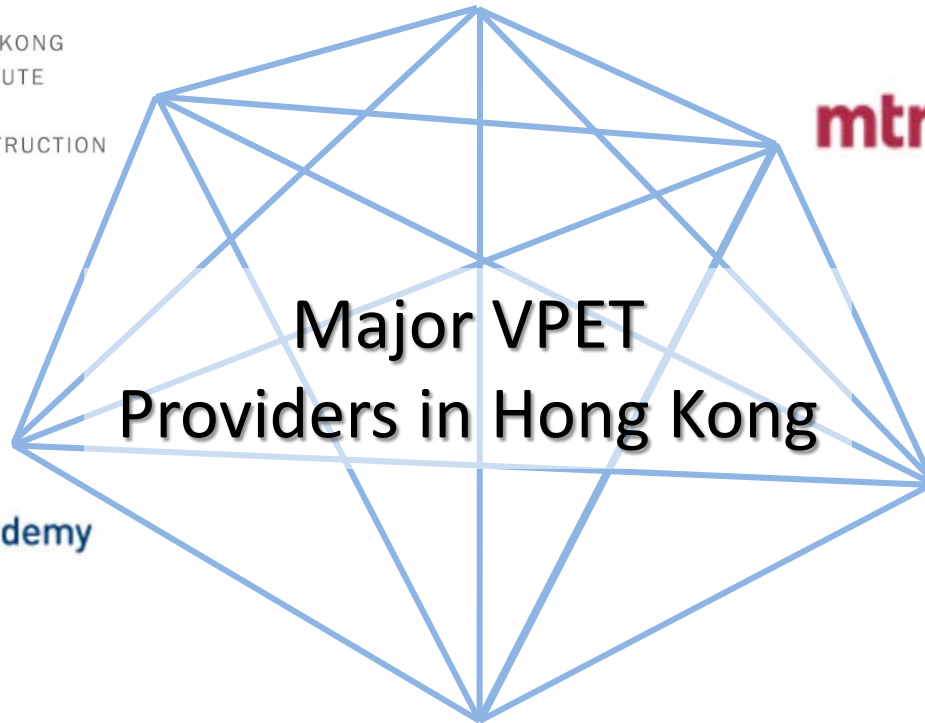
Articulation Pathways for Diploma Graduates



Time to celebrate for CLP Power Academy 1st Cohort Graduates and New Students (Jan 2019)



Corporate Tech Academy Network (CTAN)



More Academies are going to join the Network

End - Q&A

中電學院
CLP Power Academy



持續專業發展課程
CPD Programme



中電電力工程實驗室
CLP Power Engineering Laboratory

