

## VIDEO SUBTITLES

**Topic: Sharing by Smart Traffic Fund project teams**

Language: Cantonese / English / Putonghua

**Founder and CEO, InnoSpire Technology Limited**

**Ir Dr Kelvin SIU:**

With Smart Traffic Fund's support  
we have developed smart glasses  
that utilize AI to detect obstacles  
and identify bus routes  
encouraging visually impaired persons to travel more often  
more safely and conveniently

**Head, Intelligent Systems, Centre of Advanced Power and Autonomous  
Systems (APAS), Hong Kong Productivity Council**

**Mr Christopher LUK:**

We have developed this system  
to monitor the height of crane and its position in real-time  
aiming to prevent accidents  
and ensuring driving safety

**Chair Professor of Logistics Engineering, Department of Industrial and  
Systems Engineering, The Hong Kong Polytechnic University**

**Prof. FU Xiao Wen:**

By utilizing Extended Reality (XR) technology  
our project provides simulated scenarios for (prospective) truck drivers  
making driving training more precise  
and realistic  
Ultimately, this ensures that they drive more safely

**Associate Head and Associate Professor, Department of Aeronautical  
and Aviation Engineering (AAE), The Hong Kong Polytechnic University**

**Prof. NG Kam Hung:**

The intelligent automation system  
analyses both psychological and physiological data  
and monitors driving behaviours  
so as to assess if the driver is distracted  
ensuring driving safety

**Co-Founder & Chief Executive Officer, SOCIF Limited**

**Mr Jason YUEN:**

With real-time speed limits based on road sections  
data-driven scheduling  
and the latest traffic information at stops  
smart minibus offers a safer and more efficient service

**Head, Intelligent Systems, Centre of Advanced Power and Autonomous Systems (APAS), Hong Kong Productivity Council**

**Mr Christopher LUK:**

Sensors are installed on vehicle doors  
to ensure safer boarding and alighting  
giving drivers greater peace of mind

**Associate Dean (Student Enrichment)**

**Principal Lecturer, Department of Electrical and Computer Engineering, University of Hong Kong**

**Dr. Wilton FOK:**

By using AI to analyse pedestrian movements  
we can optimize the pedestrian flashing green signal time  
This allows seniors to walk at their own pace  
and enhances pedestrian safety

**Professor, Department of Building and Real Estate, The Hong Kong Polytechnic University**

**Ir Prof. Tarek ZAYED:**

With Smart Traffic Fund's support,  
multi-layer concrete inspection technology has been developed  
It's capable of detecting defects on the surface  
and subsurface of the bridge

**Research Assistant Professor (Construction Engineering & Management), Department of Civil Engineering, University of Hong Kong**

**Dr. Jet ZHENG:**

With the smart planning platform  
modules can be delivered to construction sites more accurately  
for Modular Integrated Construction  
leading to higher efficiency

**Chief Engineer/Smart Mobility, Transport Department**

**Mr. George FONG:**

Smart Traffic Fund projects

integrate digital technologies and artificial intelligence  
into traffic and transport developments

They facilitate citizens' travel

enhance transportation efficiency

and improve driving safety

benefitting all sectors of society