# List of Funded Projects for MRF2025

| Reference No. | Project Title | Principal Investigator | Affiliated University | Project Duration (Months) |
|---|---|---|---|---|
| CIT-25002 | Optimization and visualization of data-driven robust rail transit network operations with replacement bus services under disruptions | Prof. Ho Fai Andy CHOW | The City University of Hong Kong | 36 |
| HKU-25003 | Multimodal traffic simulation, route recommendation and subsidy: Enhancing first and last mile connectivity for MTR | Prof. Jintao KE | The University of Hong Kong | 36 |
| LNU-25004 | Battery states estimation towards harsh and complex metro working conditions | Prof. Xiaopeng TANG | Lingnan University | 24 |
| PTU-25004 | Sustainable train operation control platform based on the wind-vehicle-track coupled model for reduced energy consumption and enhanced riding comfort | Dr Kai ZHOU | The Hong Kong Polytechnic University | 36 |
| PTU-25012 | MTR-centric Mobility as a Service (MaaS-MTR) for the intercity-intracity integrated travel in the greater bay area: Travellers' behavioural adaption and sustainability impact assessment | Prof. Chengxiang ZHUGE | The Hong Kong Polytechnic University | 36 |
| PTU-25023 | Intelligent reflecting surface empowered wireless networks towards connected transport for future MTR | Prof. Shuowen ZHANG | The Hong Kong Polytechnic University | 36 |
| PTU-25026 | Portrait of the Hong Kong: Bridging place identity, culture and emotional engagement via MTR interactive art installations | Dr Hailiang WANG | The Hong Kong Polytechnic University | 24 |
| PTU-25028 | Connected transport energy hubs: Enabler of efficient, flexible, and cost-effective railway regenerative braking energy dispatch | Prof. Shuangqi LI | The Hong Kong Polytechnic University | 36 |