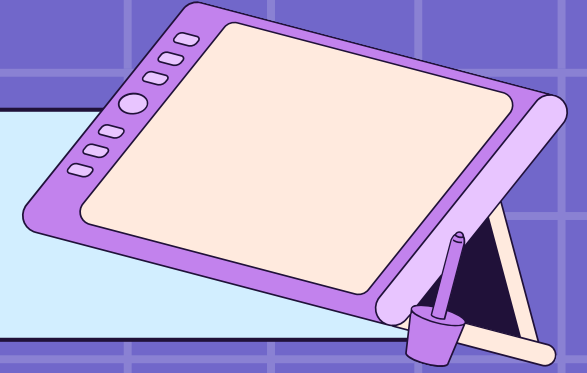


TECHNOLOGY INFORMATION SYSTEM AND FOURTH INDUSTRIAL REVOLUTION

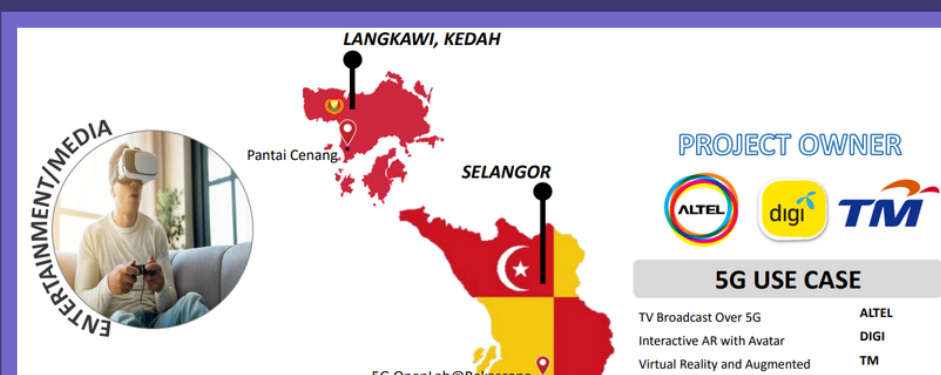
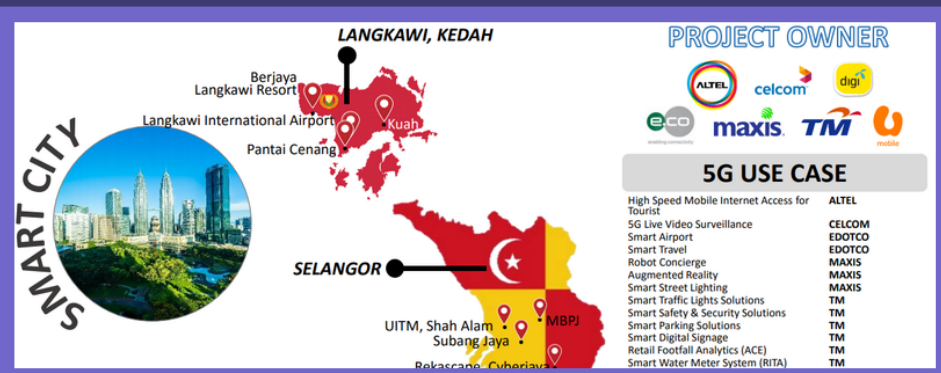
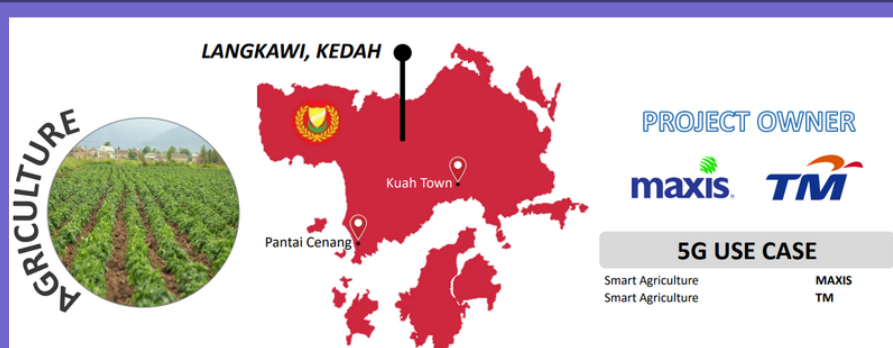
EXECUTIVE SUMMARY

This talk is mainly about how 4IR are humanizing technology.



INTRODUCTION

IR1.0 – Mechanism
IR2.0 – Electricity. Eg: First car
IR3.0 – Automation. Eg. First computer
IR4.0 (2011) – Manufacturing
4IR – All aspect of Human Life



CONTENT OF TALK

TM's efforts to support 4IR:

- Data Centres.
Important to bring back information from data centres back to Malaysian
- Cloud Services
- Internet of Things

Outcomes of Digitalization of Services:

- Innovative business model
- Differentiated value proposition to beat competitor
- Enhances customer experience
- Operationally efficient

Smart City:

- Technology that can solve problems, address the persona by citizens and sustain the smart city

Approach in adopting Smart Services:

- Existing Service Enhancement, Vertical Services, Smart City

4IR on Managing Logistic Performance & Efficiency:

- Real-time tracking
- Vehicle info
- Trips
- Optimized resource
- Fast delivery
- Time saving

4IR on Business:

- Market Coverage Analysis by Product Segments can be done
- Suggestion on New Potential Areas to Increase Sales Volume
- Product Distribution Analysis can be done

Smart Water Integrated Management System (SWIMS):

Why?

- We are losing billions of water due to different reasons

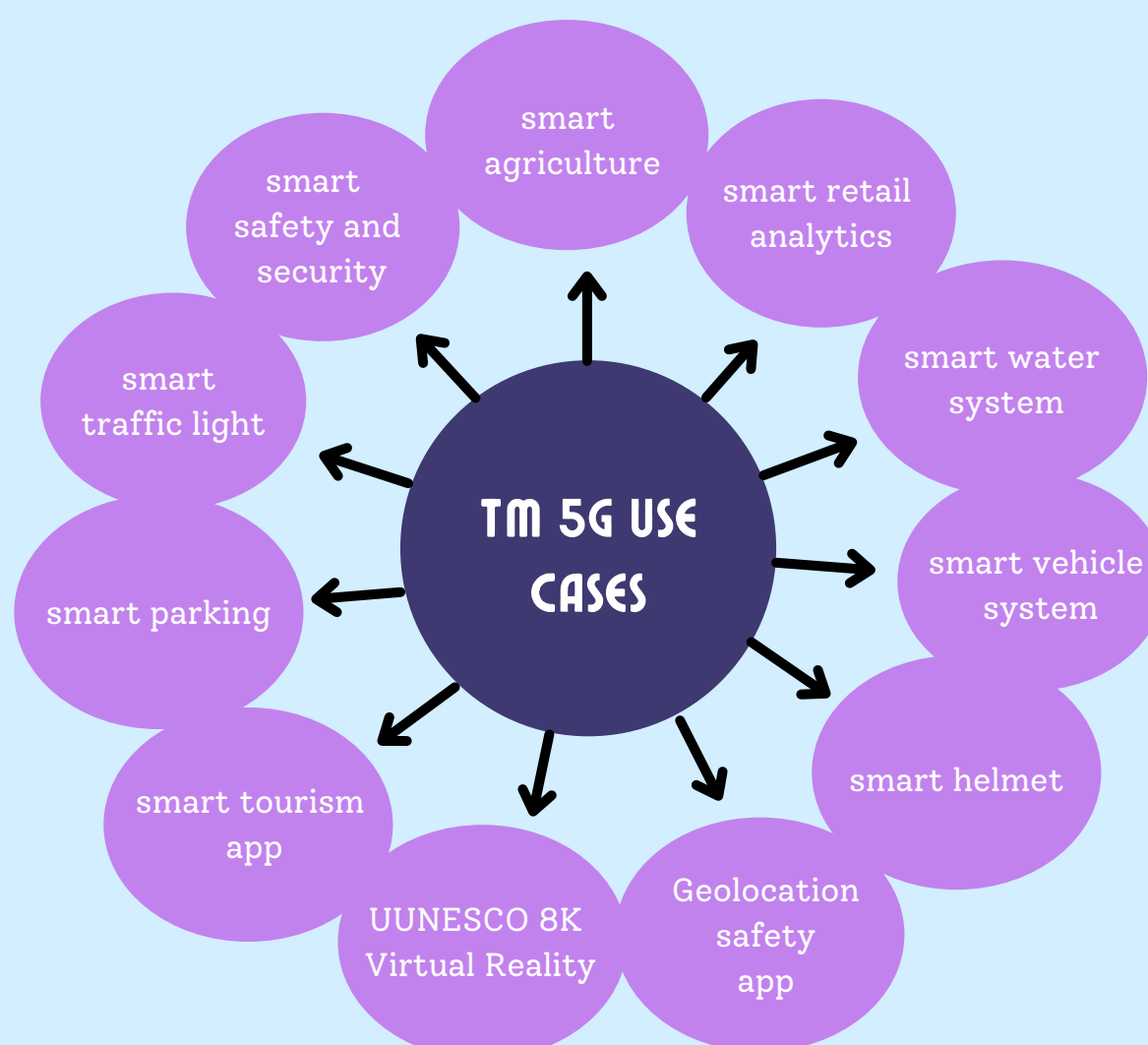
How?

- Provides total visibility for the water industry
- Reduces water wastage
- Increase water revenue

WAY FORWARD

Getting to 5G:

- Everything connected. (Voice call, Text messages, Gigabit speed internet, Machine intelligence, Ultra reliable-low latency)
- Opens a Wide Range of Use Cases. Eg: Enhanced mobile broadband (eMBB), Massive machine type communications (mMTC), Ultra-reliable and low latency communications (uRLLC)



REFLECTION

1. Enabling the 4IR will require us to serve customers and manage millions of expectations.

2. Getting to 5G will be an extensive mobile ecosystem to new industriesody text



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