

# Emerging Trends in Mass Transit Systems



## Metro Planning, Operations and Technology

# Metro Planning: **It's The Ridership, St\*\*\*\*\*!**

1. Paradigm shift from engineering perspective to financial & economic perspective
2. Influence the urban eco-system
3. Be catalyst for Transit Oriented Development
4. Plan for multi modal integration, or perish
5. Support Green Mobility



# Metro Operations

1. Preparing for post-Covid “New Normal”

2. New Normal:

a. Is it less ridership?

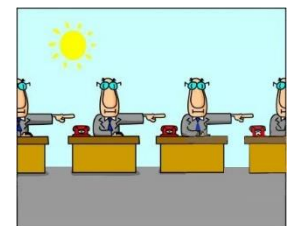
Or

b. Is it more efficient ridership?

3. Double down for financially viable operations



4. Buck can't be passed around! Not to fiscal for too long.



# Metro Technology

## A. Economies of scale:

- Standardization upto form factor level
- Atmanirbhar Bharat



## B. Enhanced capacity potential

- CBTC with smart civil design

## C. Commuter is the King

- National Common Mobility Card

