

1<sup>st</sup> ECOWAS – JAPAN Business Forum  
Session 2 Infrastructure

# “Quality Infrastructure Investment”

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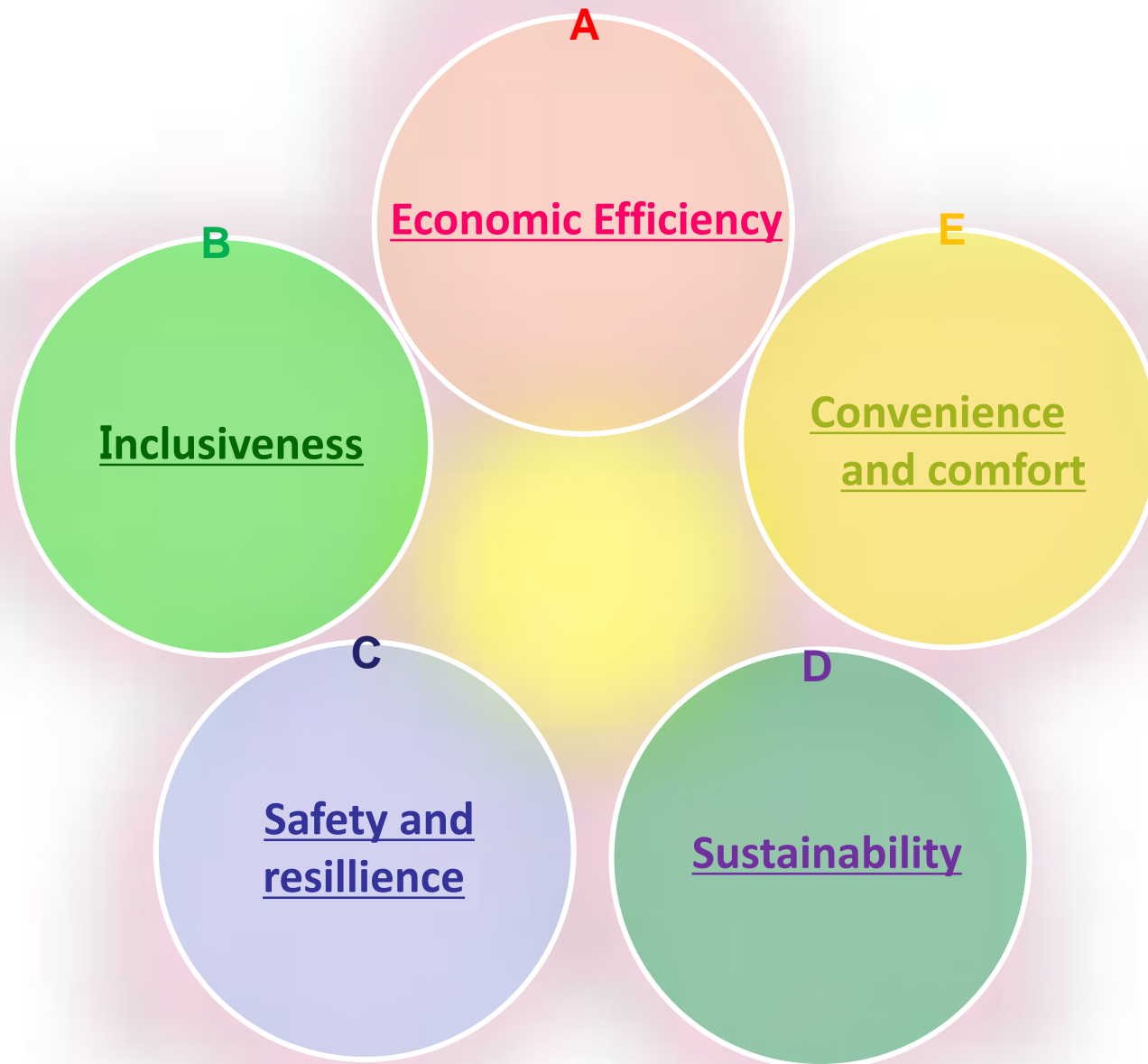
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- In order to achieve sustainable development and to bring well-being and benefits to people, it is important to ensure Quality of Infrastructure.
- “Quality infrastructure” may first appear costly; however, since it is easy to use and durable, as well as environmentally friendly and disaster resilient, “quality infrastructure” is indeed cost-effective in the long run.
- “Quality infrastructure” also contributes to enhancing connectivity among countries, creating jobs for local people, increasing local skills and improving people’s lives.





## Economic efficiency

– reduce lifecycle costs, etc.

Efficiency, Durability, excellent O&M capabilities

Construction Management (Use of ICT, strict adherence to deadlines, handling of plan changes, etc.)

Reduce environmental burden and social costs (reduce traffic congestion costs, design that requires little land expropriation)



## Inclusiveness

Improve welfare and economy for citizens, including the poor

Balance rural and urban development

Gender Considerations

Accessibility



Delhi MRT Project



## Safety and Resilience

Resilience against natural disasters  
(Durability,  
system back-ups that can be quickly  
restored)

Operational safety,  
Construction site security

Average delay time per trip  
within 1 min.

Passenger Fatalities **0** 50Years







Harmony with nature

High performance maintenance and optimized operation

Sustainable management



## Convenience and Comfort

Service reliability

Compatibility with culture and lifestyle customs

Reduce user burden through an integrated system (ex. integrated station development)

Ease of operation and maintenance (system management including operability and ICT equipment use)

Average travelling speed 14%



Traffic Management System in Phnom Penh, Cambodia

- **Effective mobilization of financial resources through PPP, etc.**
- **Ensuring alignment with socioeconomic development and development strategies countries/regions as well as comprehensive response to the needs**
- **Application of high-quality standards (e.g. guidelines for environmental and social considerations)**
- **Contribution to the local society and economy**



Transfer of working culture such as meeting a due date.

Development of local human resources for infrastructure operation



Local job creation and giving back the benefits to the local community

## *Contribution to the local society and economy*



Sharing of experience as a forerunner of emerging issues



Thank you for your attention.