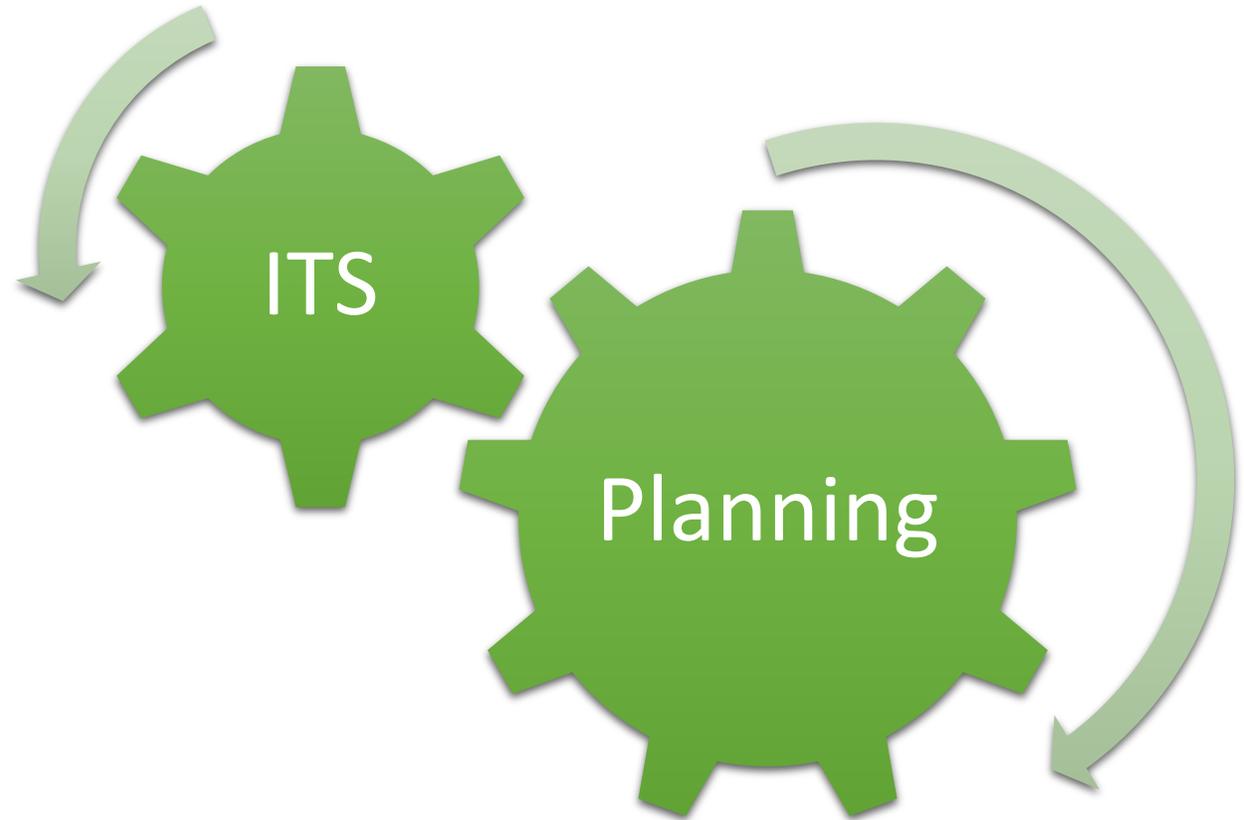
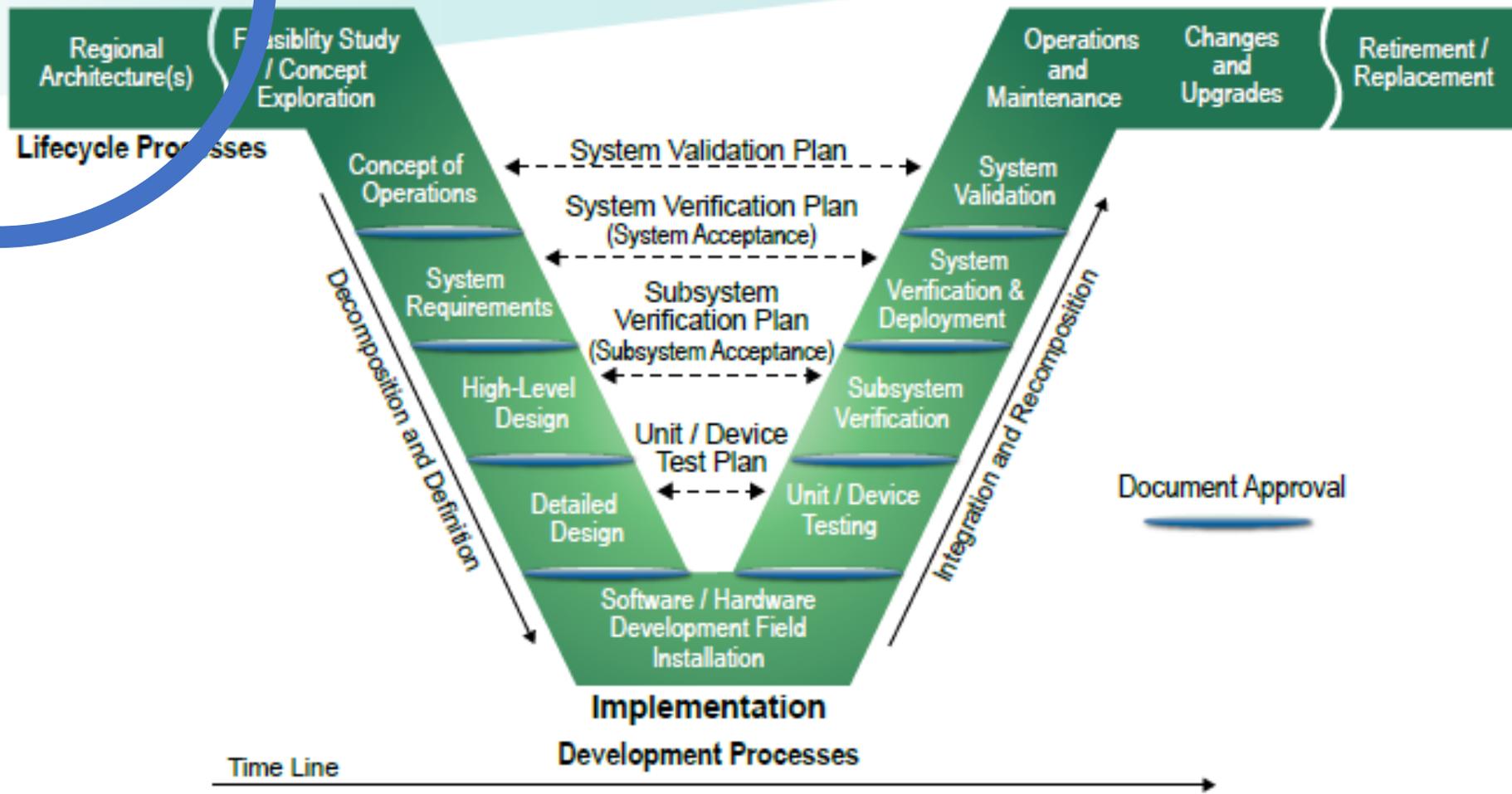
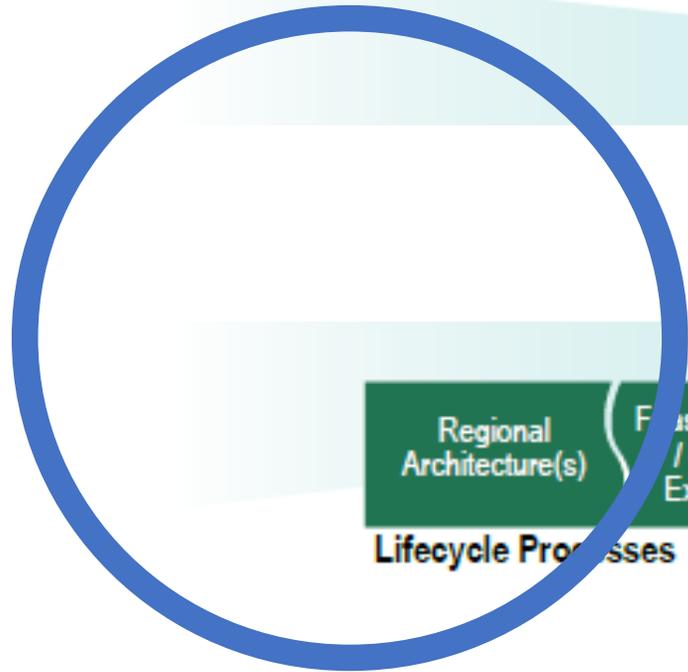


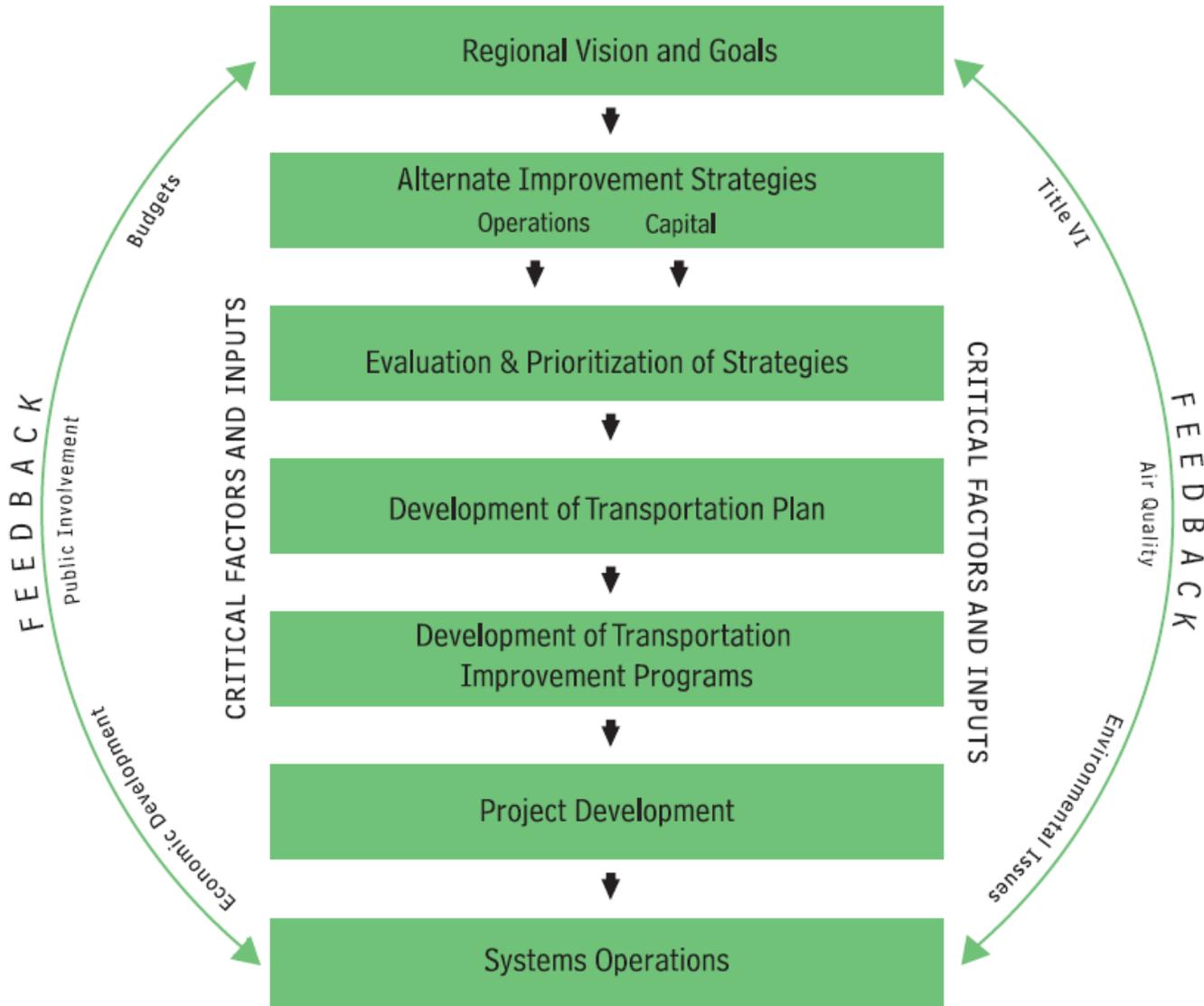
Incorporating ITS into Planning Process

Cheng Yan, Transportation Specialist
FHWA Office of Planning





Opportunities within the 3-Cs Process



Planning is a Process

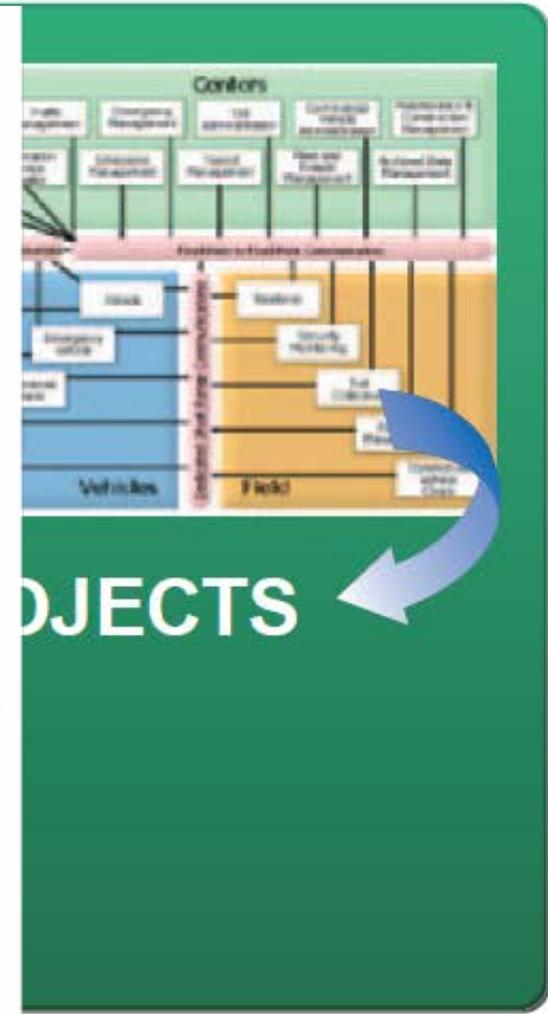
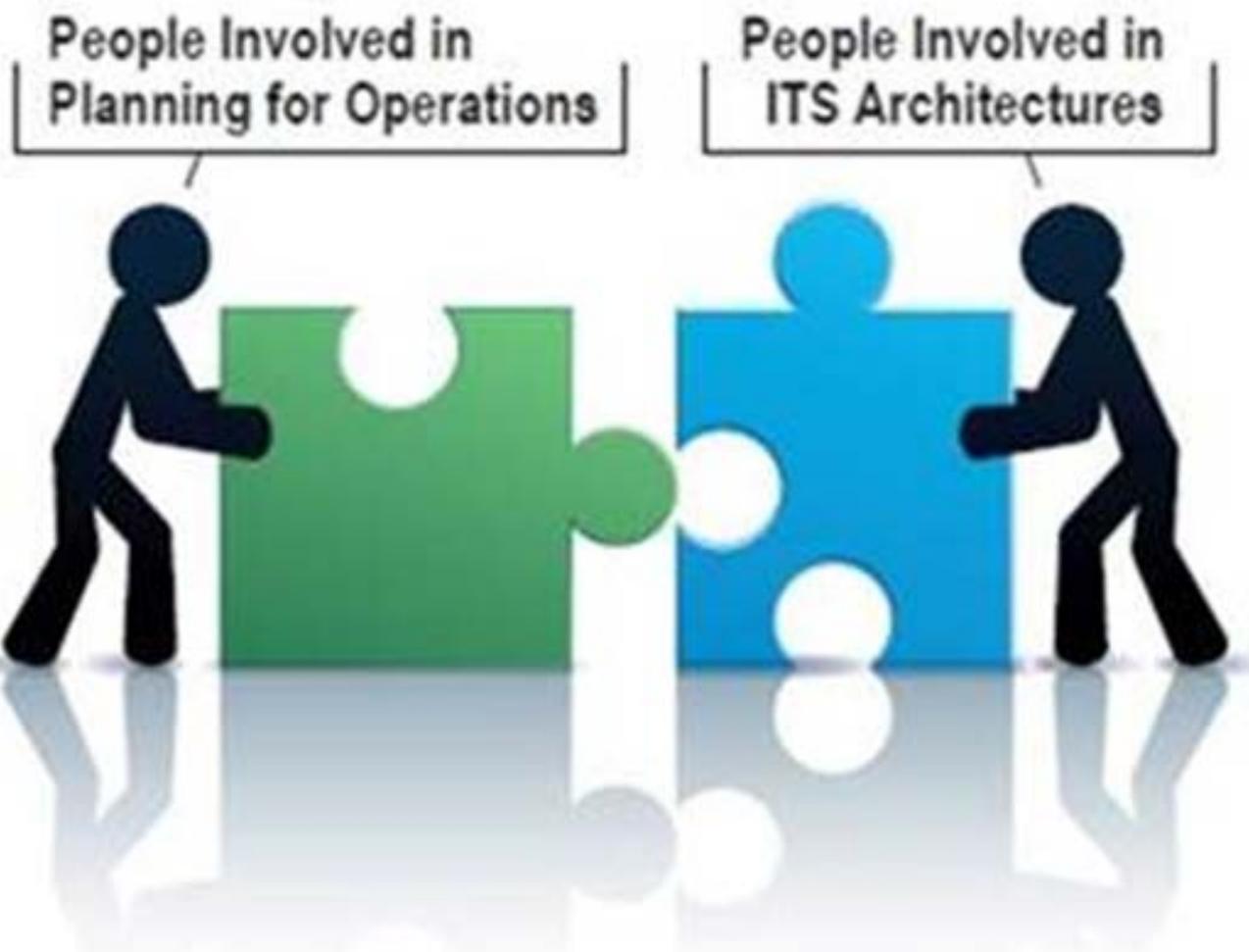
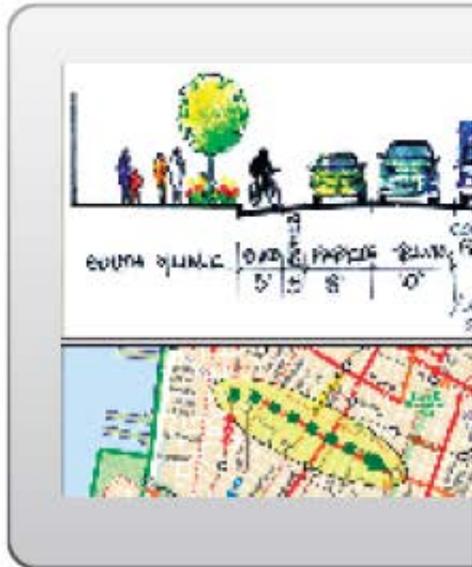


Collaboration

MTP/LRSTP

**ITS /
OPERATIONS PLAN**

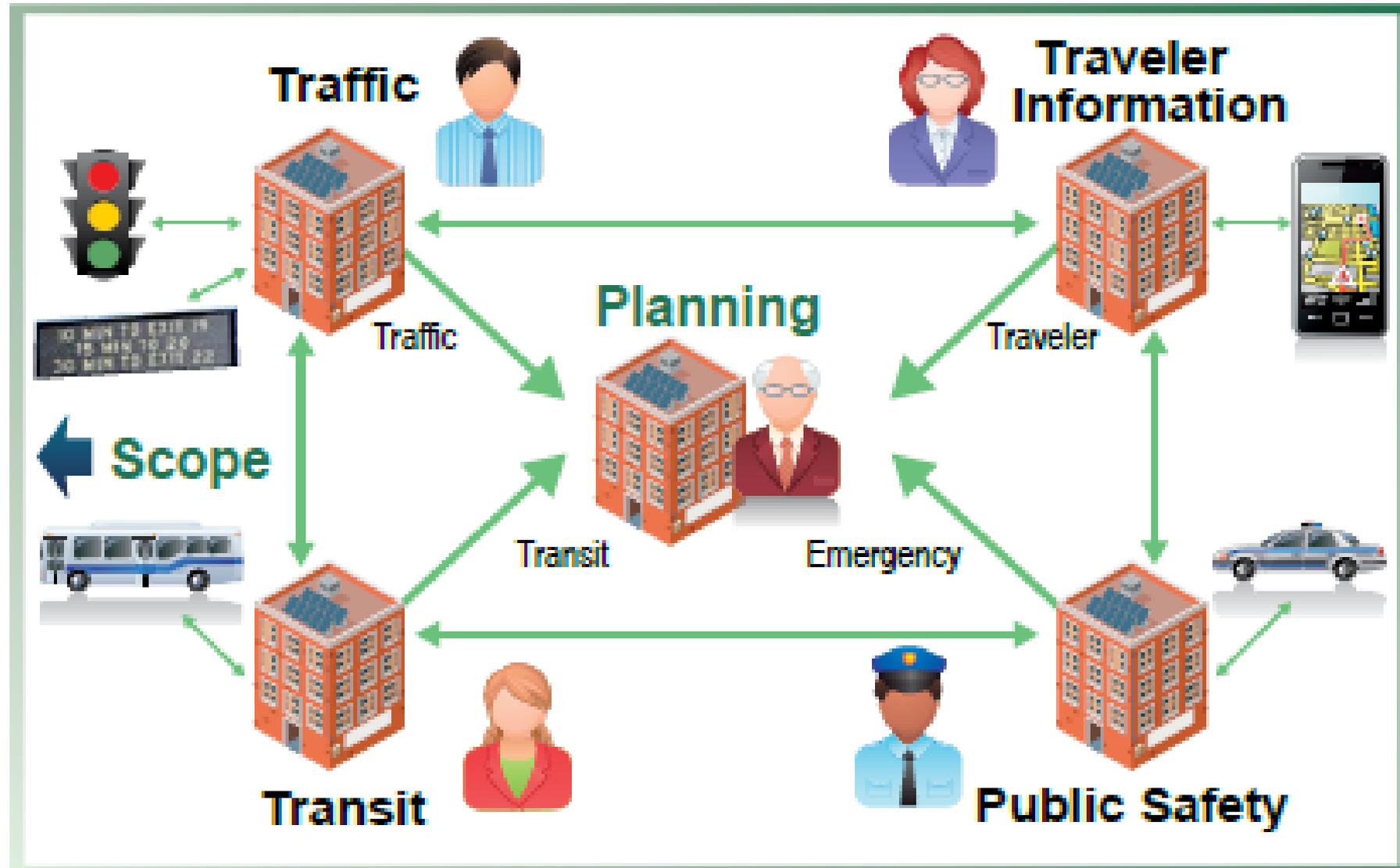
**REGIONAL ITS
ARCHITECTURE**



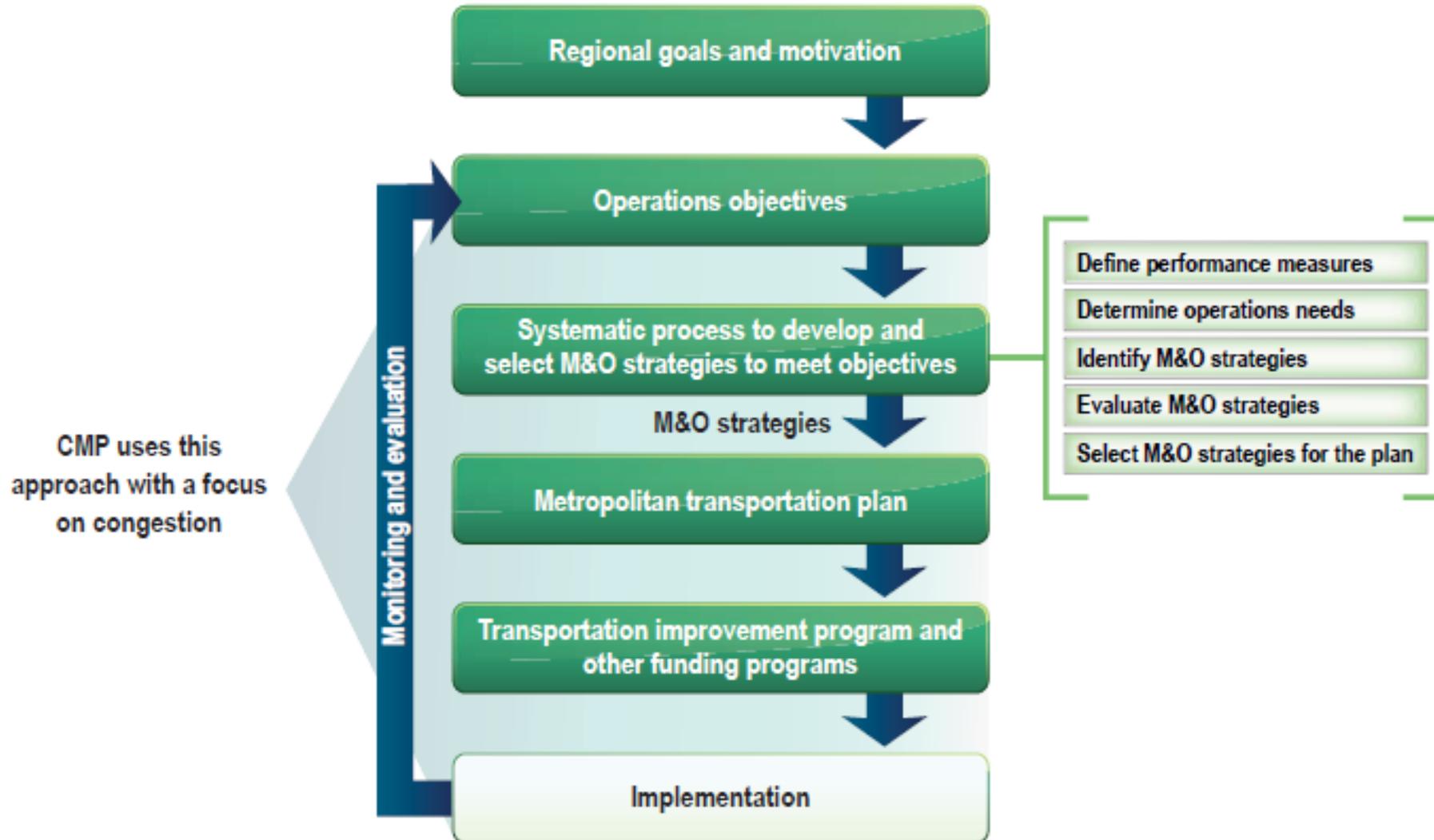
STIP/T

PROJECTS

Collaboration



Planning For Operation

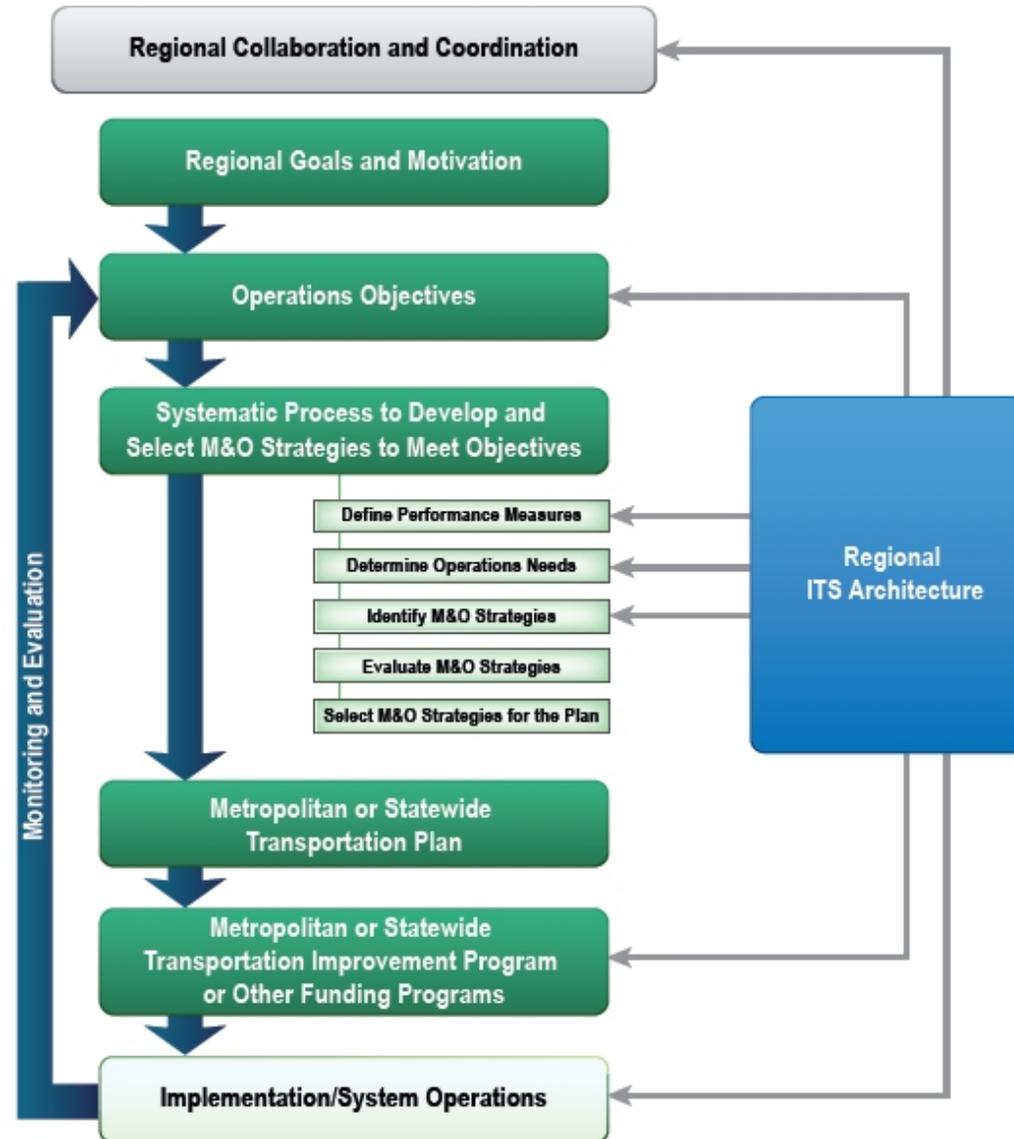


Planning For Operation

Coordination and Consultation

Congestion Management Process

Performance-Based Approach



Performance-Based Planning



Federal Assist, State Manage, Locally Driven

Headquarter Office of Planning

- Coordinate between offices
- Develop Guidebooks
- Host Workshops/Peer Exchanges
- Transportation Planning Excellent Awards
- Advance Innovation through Research

FHWA Division Offices

- Provide guidance and technical assistance
- Review State DOT and MPOs planning process
- Promote best practices



Resources

- FHWA Office of Planning:

<https://www.fhwa.dot.gov/planning/>

https://planning.dot.gov/focus_congestion.asp

- Planning for operation:

https://ops.fhwa.dot.gov/plan4ops/resources/all_resources.htm

Thank You

Cheng J. Yan

Transportation Specialist

Email: cheng.yan@dot.gov

Phone: (202)366-9206

