



Evaluating Projects Using Data-Driven Framework

May 2023

Agenda

- **Effectiveness of Data-Driven Planning & Programming**
- **How These Processes Were Previously Accomplished**
- **Improving Specific Areas of the Planning Process**
- **What the Process Looks Like Now**
- **Key Takeaways**

Effectiveness of Data-Driven Planning & Programming

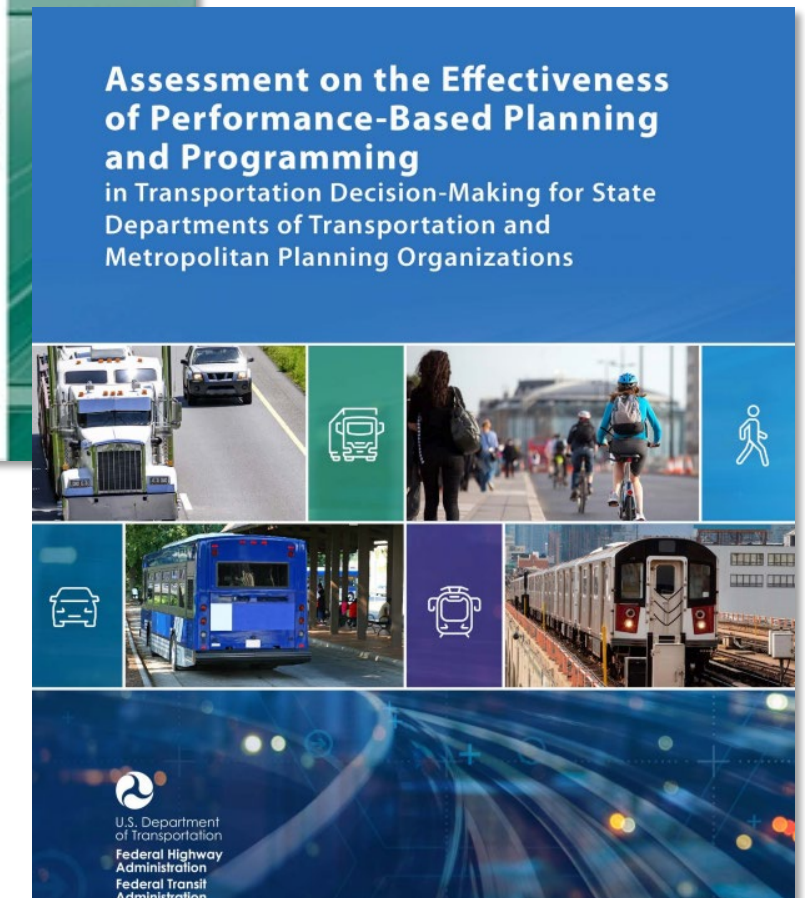
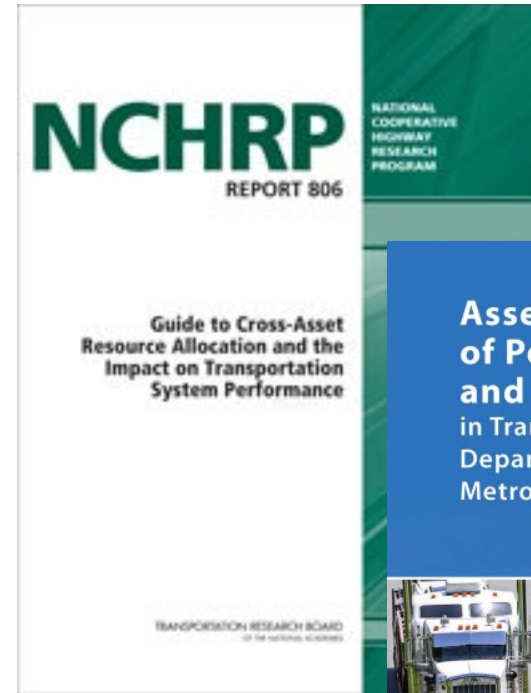
PBPP Can Break Down Silos

For What:

- Long-Range Statewide Transportation Plans
- Metropolitan Transportation Plans (MTPs)
- Statewide and Metropolitan Transportation Improvement Programs (STIPs/TIPs)
- Program-area Plans

How:

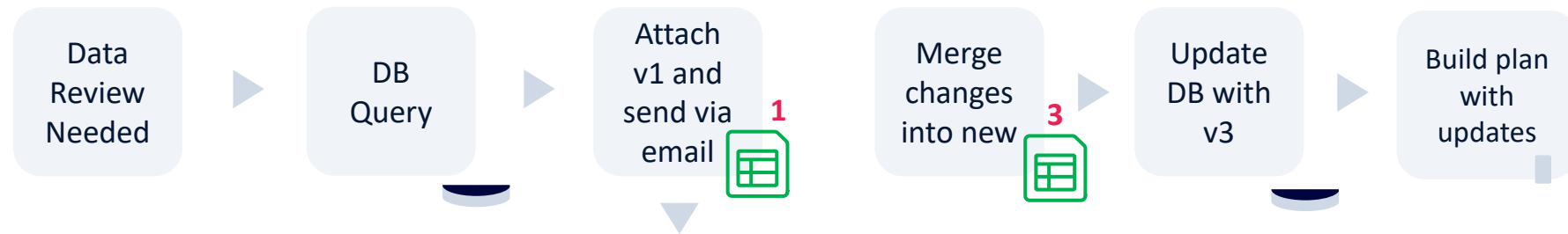
- Take a strategic & data-driven approach
- Set goals and objectives
- Investment prioritization
- Using data to inform policy decisions



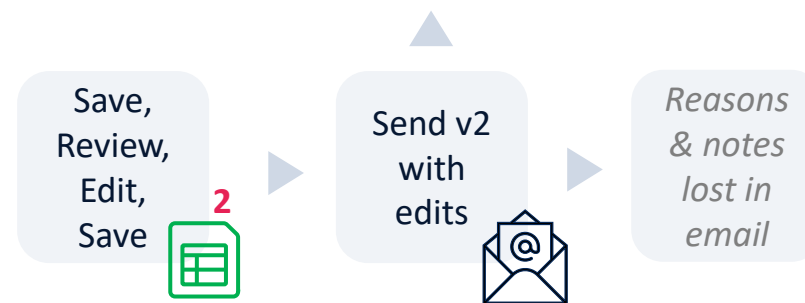
How These Processes Were Previously Accomplished

- Multiple spreadsheets sent via email
- Projects reviewed based on ever-changing information
- Version control issues
- Reports required processing and re-running based on latest updates

Planner

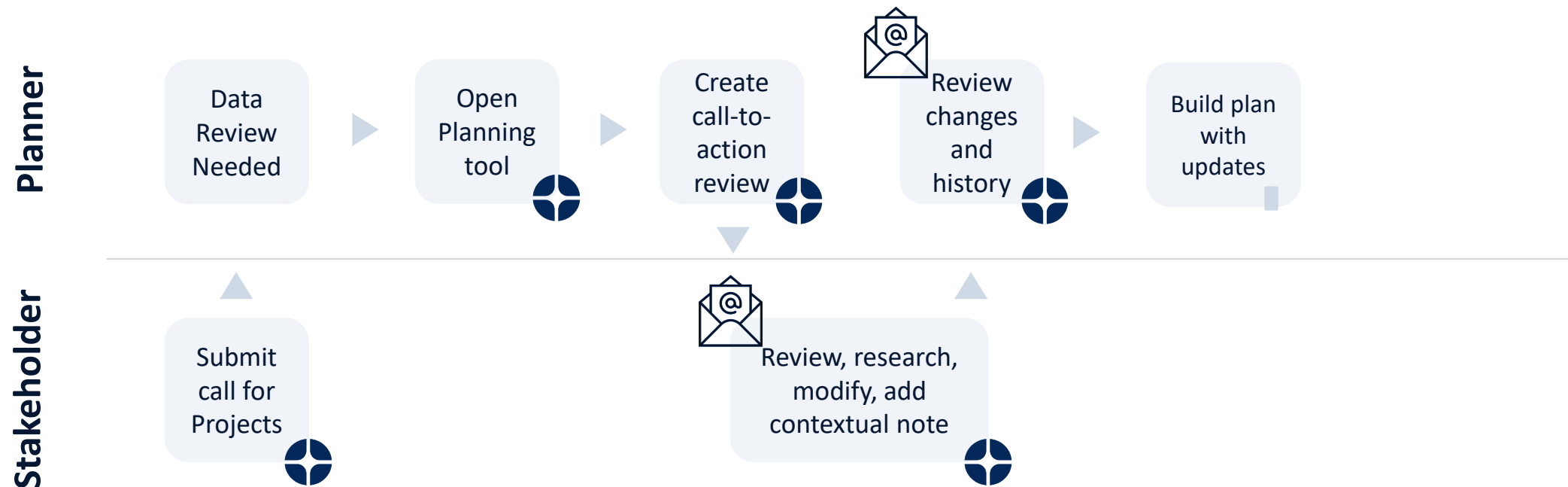


Stakeholder



Improving Specific Areas of the Planning Process

- Standardized and transparent evaluation framework that can evolve
- Centralized and concurrent access to planning data
- Remove versioning
- Real-time reporting as part of the process, not an after activity



What the Process Looks Like Now

Standardized and transparent evaluation framework

- Increase buy-in to the process
- Defensible process regardless of final decision

Centralized and concurrent access to planning data

- Increase accuracy of data availability
- Unified location for all stakeholders
- Provide access to input and update project information

Remove versioning

- All stakeholders are accessing the most up to date data
- Capture communications, questions and decisions



What the Process Looks Like Now

Real-time reporting as part of the process, not an after activity

- Project scores available as data is collected
- Criteria weights can be adjusted as-needed



What the Process Looks Like Now

Real-time reporting as part of the process, not an after activity

- Expedite scenario planning by creating different plans under different conditions, iterating, and comparing outcomes
- Justify decisions by conducting what-if analysis to demonstrate the performance of alternative scenarios
- Adapt to changing requirements quickly by understanding the impact of shifting priorities

