Transportation Consortium of South-Central States

Solving Emerging Transportation Resiliency, Sustainability, and Economic Challenges through the Use of Innovative Materials and Construction Methods: From Research to Implementation

Tran-SET

Project-Specific T2 Plan

Instructions

Step 0. Project Information

Element	Information
Project Title	
Project Number	
Principal Investigator(s)	
Participating University/Institutions	
Date	

Instructions:

- All project information in Step 0 are required in the T2 plan.
- Information should be consistent with the funded project details.
- Don't change the style or the format of this table.

Step 1. Describe the Problem

Paragraph 1
Paragraph 2
Paragraph 3
Paragraph 4

Instructions:

- Briefly describe the problem the proposed products/technology aims to solve (max. 4 paragraphs).
- Please think of this section as defining the appropriate context if having a meeting/discussion with various project stakeholders; placing everyone "on the same page".
- Don't change the style or the format of this table.

Step 2. Describe the Proposed Solution

Paragraph 1

Paragraph 2

Paragraph 3

Paragraph 4

Instructions:

- Briefly describe how the technology that this project will develop can solve the problem stated in Step 1, its feasibility of use, and its **value** (max. 4 paragraphs).
- Please think of this section as defining the value of the solution to various project stakeholders in non-technical, easy to understand language.
- Don't change the style or the format of this table.

Step 3. Identify Stakeholder Groups by Name and Role

| ID	Stakeholder Name	Stakeholder Type	Category (ies)
a			
b			
c			
d			
e			
f			
g			

Instructions:

- In the 1st column (Stakeholder Name):
  - *Provide a <u>specific</u> stakeholder name (e.g. LaDOTD, or a specific division within LaDOTD, not generically "DOTs"),*
  - *Tran-SET and project researchers are <u>not</u> target stakeholders for your project,*
  - *Include (if possible) industry partners and/or non-profit organizations,*
  - *If an industry partner is included, please demarcate/highlight it <u>throughout</u> the plan. If not included, please explain why.*
- In the 2nd column (Stakeholder Type):
  - *Stakeholders can be: State DOTs, Local Gov. Entity, Non-profit Organization, Industry Partner, Others (federal governmental agencies, trade associations, research institutions, and tribal organizations, etc.),*
  - *Stakeholder "Types" is <u>different</u> than "Category(ies)",*
- In the 3rd column (Category(ies)):
  - *Stakeholders categories can be: Sponsors of research and T2, Researchers & developers, Deployment team, Early (or late) potential adopters, Others (ally, supplier, etc.),*
  - *More than one category can be used for each stakeholder*
- Don't change the style or the format of this table.

Step 4. Analyze Stakeholder Alignment

Instructions:

- For each stakeholder identified in Step 3, assess their:
    - (1) interest in the technology's adoption
    - (2) own support and alignment of the technology.
- Map stakeholders by their <u>alignment and interest</u> in the quadrants.
- Please map the stakeholder by <u>inputting their letter ID</u>.
- Don't change the style or the format of this table.
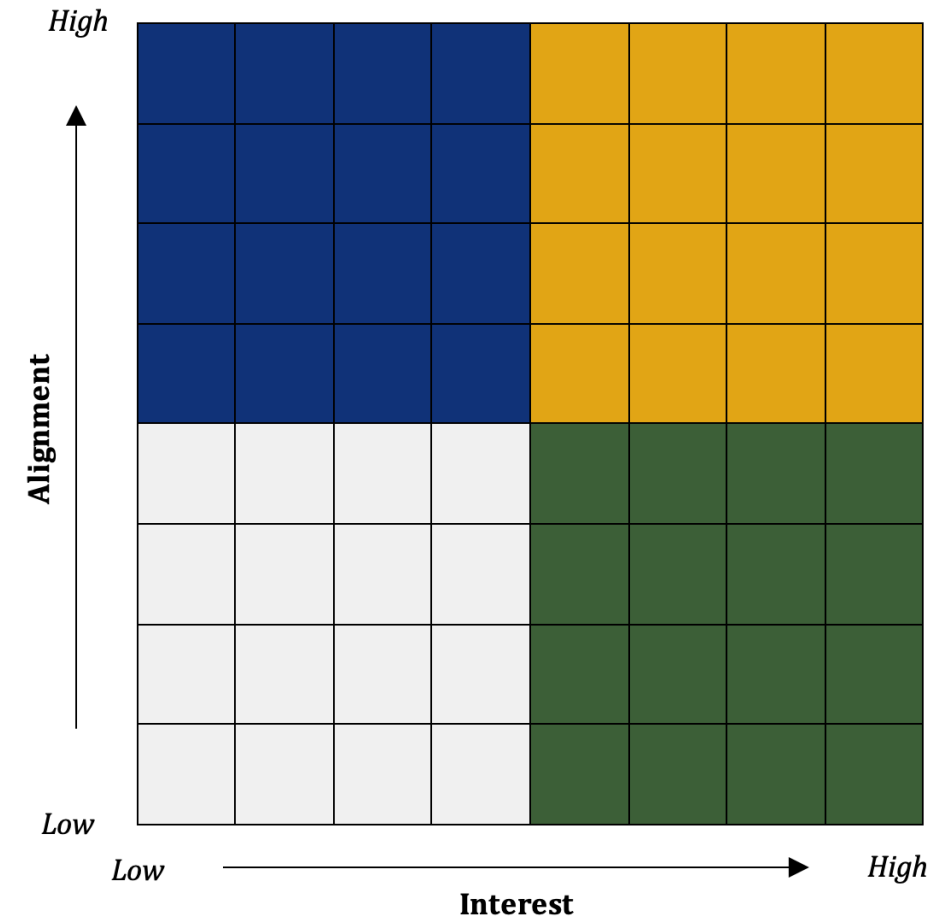
Steps 5/6/7. Organize Communication Tracking for Stakeholder Groups, Develop Engagement Plans, and Identify Resources to Engage all Stakeholders

ID	Engagement Activity [Approx. Date]	Stakeholder(s) Involved	Info Communicated to Stakeholder	Info Gathered from Stakeholder	Resources Required

Instructions:

- In the 1st column (Engagement Activity):
  - *Provide specific activities (and approx. dates) to engage the stakeholders,*
  - *Engagement activities include but not limited to: publications, training materials, webinars, field testing, meetings, etc.,*
  - *Project deliverables to Tran-SET are not engagement activities,*
  - *Publication and Poster in Tran-SET Annual Conference must be one of the activities.*
- In the 3rd and 4th columns (Info Communicated to "Gathered from" Stakeholder):
  - *Details are needed in these two columns.*
- Don't change the style or the format of this table.

Step 8. Identify and Address Barriers to Adoption

ID	Stakeholder Name	Barriers to Technology Adoption	Potential (or Actual) Actions to Address the Barriers
a			
b			
b			
d			
e			

Instructions:

- This section should be completed during (and at the end) of the implementation phase; it will be a required section in the Final Implementation Report.
- If no barriers are mentioned in this step, it is assumed that no issues will raise during the implementation phase.
- Propose detailed actions to address any barrier mentioned.
- Don't change the style or the format of this table.

Step 9. Establish an MOU between Early Adopter and Research Sponsor

Paragraph 1

Instructions:

- This section should be completed during (and at the end) of the implementation phase; it will be a required section in the Final Implementation Report.
- Its important to think about pursuing MOU in this stage of your project. Try to think of one for your plan.
- If the products/technology are not in an appropriate state or form to pursue MOUs, please state so with a brief reason why.
- Don't change the style or the format of this table.

Step 10. Performance Metrics

This Step will be conducted at the programmatic level through existing methods (quarterly progress tracker and reports). No input is required. If you would like additional information, please see Tran-SET's [T2 Plan](#).

Emphasis Areas

Paragraph 1

Instructions:

- Describe the commerciality of the developed products/technology and if there are any plans to pursue commercialization, a patent, or a license.
- If this section is not applicable, please state so with a brief reason why.
- Don't change the style or the format of this table.

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For Questions or more details Contact:

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