Outcomes of On-Demand Ridehailing

Assessing external factors and determining major hurdles to enable sustainable and equitable outcomes from Ridehailing

WHAT IS THE NEED?

This study builds on current research exploring the perspectives of transportation stakeholders throughout California, on the potential impacts of on-demand ridehailing services and a number of policy approaches to address those impacts. Additionally, this task utilizes interview data collected in early 2018 to investigate two questions:

• How do external factors, including stakeholder type, degree of engagement, and jurisdictional boundaries, affect transportation stakeholders’ actions to address potential outcomes of ridehailing services related to congestion, emissions, and equality of access?

• How do external factors, including stakeholder type, degree of engagement, and jurisdictional boundaries, affect transportation stakeholders’ perception as major hurdles to establishing policies that will enable the most sustainable and equitable outcomes from these new services?

WHAT ARE WE DOING?

This task will cover all aspects of research related to the two questions, focusing on the external factors of ridehailing, including a review of relevant background documents such as general plans and local ordinances, and a literature review of work related to the impacts of on-demand ridehailing on sustainable transportation outcomes:

Task 1 Review document and literature
The researchers will build a database of key planning and policy activities related to on-demand ridehailing. This will also include compiling academic literature and relevant reports related to the impacts of on-demand ridehailing.
Task 2 Utilize interview transcripts
The research analysts will develop a code for the interview content based on interviewees' responses and comments.

Task 3 Analyze interview results
Since activities respondents are currently engaged in on-demand ridehailing, the analysis will provide insight on the major obstacles they see related to integrating on-demand ridehailing with sustainable transportation goals.

Task 4 Follow-up meetings
The research team will discuss research findings with interviewees and other stakeholders; and potential next steps for the development of policies to enhance sustainability and mobility with on-demand ridehailing services. Besides, the research team will produce policy briefs, professional journal articles, and a webinar to demonstrate the research results.

WHAT IS OUR GOAL?
The goal of this research is to better understand the outcomes and impacts of ridehailing in relation to overall mobility. Furthermore, how local governments view the challenges related to these services, as well as what types of support might be needed from regional or state governments.

WHAT IS THE BENEFIT?
Caltrans' mission is to provide a safe, sustainable, integrated and efficient transportation system to enhance California's economy and livability. The rapid adoption of ridehailing services has impacted the way Californians travel and plan for travel.

These impacts need to be fully addressed in Caltrans' planning efforts to improve the sustainability of the state's transportation infrastructure, and moving towards the State's goals of Greenhouse Gas and Vehicle Miles Traveled reduction.

WHAT IS THE PROGRESS TO DATE?
The first Project Panel progress meeting occurred in March 2019.

IMAGES

<table>
<thead>
<tr>
<th>Stakeholder Group</th>
<th>Total Population</th>
<th>Interview Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>26 Randomly Selected City Planning Agencies</td>
<td>Approx. 430</td>
<td>11</td>
</tr>
<tr>
<td>City Planning Agencies of California's 26 Largest Cities</td>
<td>26</td>
<td></td>
</tr>
<tr>
<td>Regional Transportation Planning Agencies and Metropolitan Planning Organizations</td>
<td>44</td>
<td>17</td>
</tr>
<tr>
<td>State Agencies (Relevant to Natural Resources and/or Transportation)</td>
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<td>5</td>
</tr>
<tr>
<td>Ridehailing Service Providers</td>
<td>11*</td>
<td>1</td>
</tr>
<tr>
<td>Interest Groups and Non-profits</td>
<td>25</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>42</strong></td>
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*11 companies held Transportation Network Company permits in CA at the time of project initiation.

**42 interviewees participated, from 39 organizations and agencies