

**NCHRP 20-24(130)
SUPPORT FOR THE DEVELOPMENT OF
AASHTO'S 2021 – 2026 STRATEGIC PLAN**

STRATEGIC MANAGEMENT REPORT

Prepared for:

The National Cooperative Highway Research Program

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Strategic Management Report Memorandum

This memo presents a summary of the Strategic Management Committee (SMC) Report (located at <https://dashboard.aashtoplan.com/>) which was developed through Task 13 of NCHRP Project 20-24(130), *Support for the Development of AASHTO's 2021-2026 Strategic Plan*. The purpose of the SMC Report is to provide a medium through which the SMC may monitor the progress and completion of committee actions which support the 2021-2026 AASHTO Strategic Plan. In addition, the report provides committees with the opportunity to identify connections and common themes between their actions and the actions of other committees.

SMC Report Development

The initial idea for the AASHTO SMC Report deliverable was a simple PDF report with a separate report template that could be updated and reused over the course of the 2021-2026 Strategic Plan. However, throughout the duration of Task 12 and the report development process, the content and structure of the SMC Report was adapted to the perceived needs of the SMC and committee leadership. The final report is a web dashboard featuring a number of different visualizations and tools.

The first version of the web application was released midway through Task 12 to aid committees as they revised their action plans and improved their cross-committee coordination. This web app featured a Tree Diagram, which is still accessible on the final dashboard, as well as individual pages for each committee displaying the draft list of actions and their connections to the AASHTO Strategic Plan. When it came time to develop the SMC Report (also known as the AASHTO Action Tracker), this dashboard was adapted and expanded to fit the needs of the report.

Throughout the SMC Report development process, the project team coordinated with AASHTO Leadership and SMC members to design a website that suited their needs and met their expectations. The AASHTO SMC Monitoring Report was shown to SMC members individually throughout November and again to the full SMC in early December. At both times, members were able to provide their comments and feedback, and the group was able to come to a consensus on the look and feel of the final report as it is presently displayed.

Report Overview

The AASHTO SMC Monitoring Report is hosted online in the form of a web application. The main benefits of having a web dashboard for the SMC Report are its accessibility, the ease of updating data, and its flexibility to present numerous stories and statistics. The site is also adaptable, in the event that new needs or desires arise in the future. The website consists of five separate pages, each presenting a different aspect of the AASHTO Committees and Councils' 2021-2022 Action Plans.

- In brief, the first page, the **Action Summary**, presents the actions and how they relate to the 2021-2022 AASHTO Strategic Plan.
- The **Progress Summary** monitors the status of all of the actions through several donut charts.
- The **Tree Diagram** presents the connections between different actions via committee categories and strategic plan strategies.
- The **Print Report** allows AASHTO and committee leaders to download full action and accomplishment reports with additional filters and adjustments.
- Lastly, **View Actions By Committee** displays the complete set of actions for each committee, including their individual progress, action accomplishments, and additional supporting information. The individual committee pages are also where committee leadership may login to the site and provide accomplishment updates or status changes to their full set of actions.

Together, each page of the report highlights common Strategic Plan elements across the actions and committees, and collectively, they provide a method of monitoring the progress of these actions as they support the Strategic Plan. Although it is nontraditional in its medium, the AASHTO SMC Report presents all of the requested and anticipated information through a novel, yet simple reporting system. For each action, the leader, timeframe of implementation, and coordination with other committees are identified and presented where available. The actions on the online SMC Report Dashboard are grouped by how they support the AASHTO Strategic Plan and the AASHTO Presidential Emphasis Areas

Action Summary Page

The first page of the website presents all 320 of the committees' actions within the context of the 2021-2026 AASHTO Strategic Plan. It summarizes the actions and demonstrates how they collectively support the AASHTO Strategic Plan by presenting the count of actions and committees for each Goal, Objective, Strategy, and Catalyst. The view may be toggled between a list and a heatmap, each displaying the same information. Additionally on this page, the full set of actions may be searched for specific words or phrases, which offers another way for users to identify commonalities between different actions.

[Action Summary](#)[Progress Summary](#)[Tree Diagram](#)[Print Report](#)[View Actions By Committee](#)

The AASHTO Action Tracker

The AASHTO Action Tracker provides a strategic-level view of the progress of AASHTO committees and councils, as they complete their 2022 action plans and support the [2021-2026 AASHTO Strategic Plan](#). It assists committees in summarizing and presenting their action accomplishments and progress to committee members and to AASHTO leadership.

Please [use this link to watch a brief video](#) explaining several of the site's key elements, and [use this link to see another video](#) explaining how to login and update your actions' status and accomplishments.

Action Summary List

[See the Strategic Plan Action Heatmap](#)

Goals and Objectives	# of Actions	# of Committees
Safety, Mobility and Access for Everyone	222	30
Advance a safe, multimodal transportation system	117	20
Connect community, economy, land use and the environment	41	16
Advance equity and social justice	44	19
Improve asset performance	32	12
Strengthen resiliency	46	11
Align transportation interests across partners and regions	98	28
National Transportation Policy Leadership	221	30
Deliver a proactive policy platform for the future	78	23

Action Heatmap

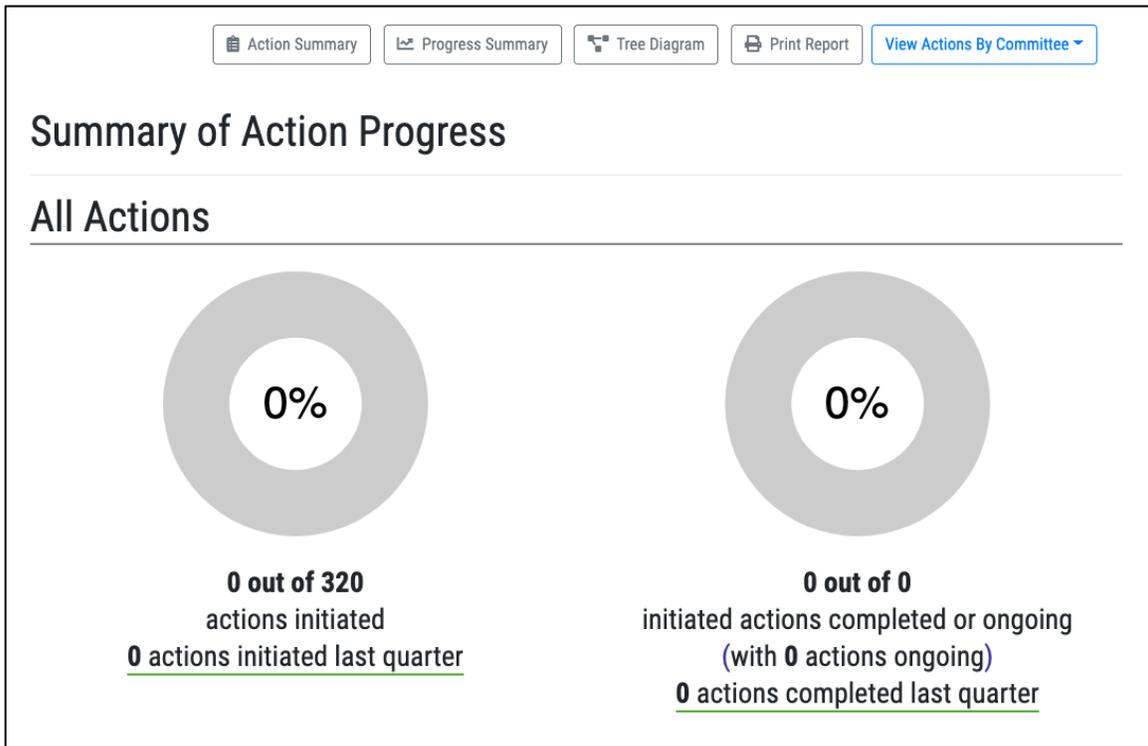
[See the Strategic Plan Action Summary List](#)

Goals and Objectives

Safety, Mobility and Access for Everyone	National Transportation Policy Leadership	Organizational Excellence with World Class Services
117 Advance a safe, multimodal transportation system	78 Deliver a proactive policy platform for the future	117 Be the trusted developers and keepers of transportation standards and guidance
41 Connect community, economy, land use and the environment	147 Evaluate emerging trends in technologies, policies and practices	125 Keep committees relevant and aligned
44 Advance equity and social justice	70 Communicate the value of transportation	67 Build transportation workforce capabilities
32 Improve asset performance	21 Advocate for sustainable funding	96 Innovate and modernize products and services
46 Strengthen resiliency	93 Promote a broad range of thoughts and policies	6 Maintain focus on AASHTO's financial sustainability
98 Align transportation interests across partners and regions		

Progress Summary Page

The Progress Summary page contains a series of donut charts which count the number of actions initiated, completed, and ongoing across all of the committees. The first two graphs on this page provide the highest level of overview, and they include a count of the progress made in the previous quarter (when applicable) to highlight the work being done by the committees. The remaining graphs show similar information for actions that meet the AASHTO Presidential Emphasis Areas, AASHTO Goals, and AASHTO Strategies. Actions were selected for supporting the Presidential Emphasis Areas by AASHTO's Director of Engineering and agreed to by members of the SMC.



AASHTO Presidential Emphasis Areas

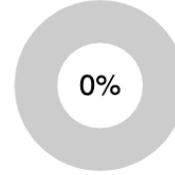
The Presidential Emphasis Areas for 2021-2022 are **Create Pathways to Equity** and **Partnering to Deliver**.



32 actions



0 out of 32
actions initiated



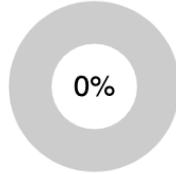
0 out of 0
initiated actions completed or
ongoing
(with **0** actions ongoing)

AASHTO Goals

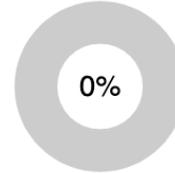
Safety, Mobility and Access for Everyone



222 actions



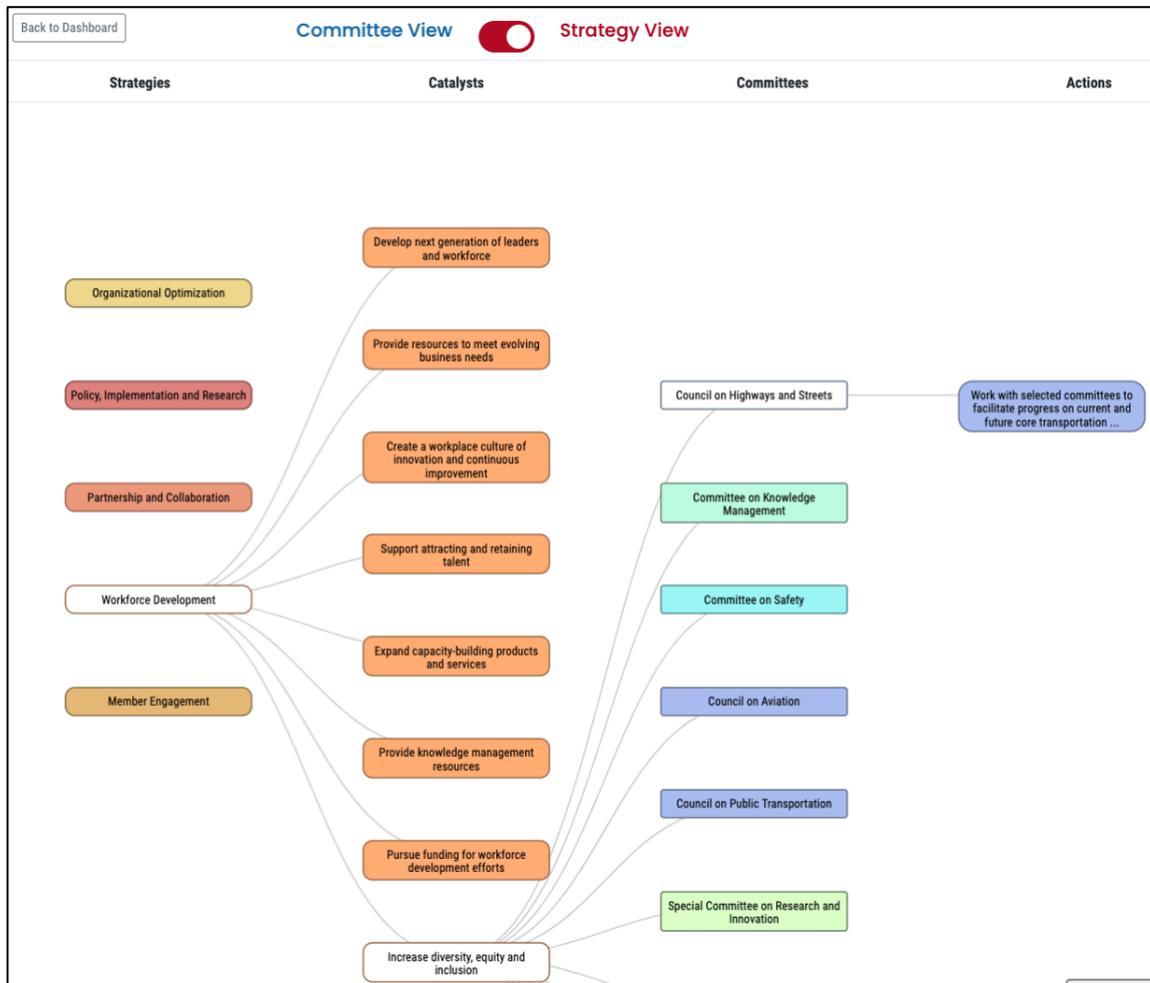
0 out of 222
actions initiated



0 out of 0
initiated actions completed or
ongoing
(with **0** actions ongoing)

Tree Diagram

The Tree Diagram consists of a series of nodes and links which draw interesting connections and parallels between committees and their action plans. The diagram allows users to see which other committees and actions support the same Strategic Plan Catalysts, and it encourages cooperation and collaboration between committees as they strive to accomplish their plans. By clicking and hovering on each node in the diagram, a complete picture of the Strategic Plan Strategies and actions is created.



Print Report Page

The Print Report page provides a series of options for the elements and attributes included in the report. Users may include all of the committees in their report, or they may select any number of individual committees. The actions included in the reports may be filtered based on their current status, whether they are identified as Committee Priorities or AASHTO Presidential Emphasis Areas, and when they were last updated. Two report types are available. One presents all of the characteristics of an action including the accomplishments, the leader, collaborating committees, the due date or timeframe, the status and the priority (each of these attributes may be turned on or off using the filters as well). The other report type only presents the accomplishments attributed to each action in a simple, bulleted list. Once the report content and filters have been selected, and the report generated, users may download the file as a PDF for printing or saving to their computer.

Print Actions

Select Committee[s] to Include:

- All Committees
- Agency Administration Managing Committee
- Associate Members
- Committee on Bridges & Structures
- Committee on Civil Rights
- Committee on Construction
- Committee on Data Management and Analytics
- Committee on Design
- Committee on Environment and Sustainability
- Committee on Funding & Finance

Action Filters:

Status

- Not Started
- Initiated
- Ongoing
- Completed

Priority

- Committee Priority
- AASHTO Presidential Emphasis Areas

Time Period of Latest Edit

- Previous Month
- Previous Quarter

Report Type:

- Action Report
- Accomplishment Report

Action Report Table Attributes:

- Accomplishments
- Assigned To
- Coordinate With
- Due Date
- Status
- Priority

Generate Report
Print PDF

Agency Administration Managing Committee

Action	Accomplishments	Assigned To	Coordinate With	Due Date	Status	Priority
1 Establish new Subcommittee on Transportation Workforce Management, develop strategic focus and priority activities, and hold first Subcommittee meeting.		AAMC Steering Committee and Subcommittee on Transportation Workforce Management	Committees on Civil Rights, Human Resources, Knowledge Management, and Data and Analytics.	August 2022	Not Started	AASHTO Presidential Emphasis

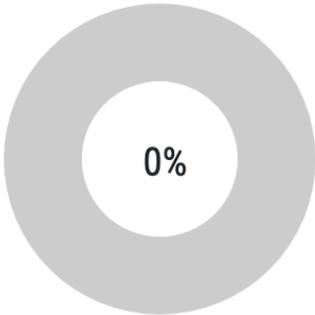
7

Individual Committee Pages

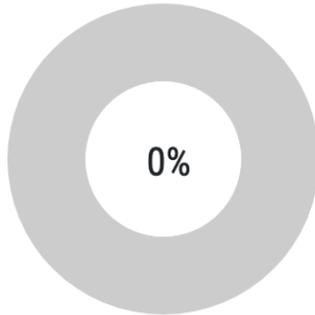
On the individual committee pages, the full information for each action is presented alongside the progress the committee has made toward completing their action plan. Also on this page, committee leadership may login and edit their actions. Once users are registered and logged in, they may adjust the status and priority level of their actions by selecting the correct icon, and they may add accomplishments by simply typing and submitting a new bullet to the list in each action box. The site is fully integrated and continually updated, so once a change has been made on the individual committee pages it is visible across the site. At the bottom of each committee page, users can navigate to another summary page which identifies the Goals, Objectives, Strategies, and Catalysts for each of a committee's actions.

[Action Summary](#) [Progress Summary](#) [Tree Diagram](#) [Print Report](#) [Login to Edit](#) [View Actions By Committee ▾](#)

Committee on Performance-Based Management



0 out of 13
actions initiated



0 out of 0
initiated actions completed or ongoing
(with **0** actions ongoing)

Filters

Status **Priority**

Status Support and strengthen the committee and subcommittee knowledge portals to share knowledge with committee members and the industry.

Assigned To: Technical Subcommittees
Date: December 31, 2022