AASHTO Committee on Knowledge Management
May 6, 2019
Baltimore, Maryland
Purpose Statement

• The Committee on Knowledge Management shall provide a forum for collaboration among Member Departments for the exchange of information, industry standard practices, experiences, and emerging approaches and concepts related to knowledge management. This includes development of policy, principles, strategies, and guidance used by agencies to plan, create, identify, collect, organize, preserve, disseminate, share, generate, and apply critical Member Departments’ tacit and explicit knowledge. The Committee will focus on facilitating and promoting strategies and practices necessary for a Member Department to retain, manage, share, and develop relevant knowledge between employees, consultants, contractors and other partners to support the Member Departments’ mission, strategic planning and goals, work, innovations, and evolution. The Committee shall also promote the development and implementation of knowledge management within Member Departments. The Committee shall identify and report matters of national interest to the Agency Administration Managing Committee.
Accomplishments

• Formation of the Steering Committee and initiation of three Task Forces
• Formal adoption of the CKM Charter and Strategic Plan
• Development of a Strategic Communications Plan
• Development of the CKM webpage
• Development of research statements for NCHRP funding
• Drafting of the CKM Action Plan to accomplish the Strategic Plan Objectives
• Supporting development of the Joint Taskforce on the Impacts of Digitalization on State DOT Workforces
Task Group Updates
Strategic Communication

Charge:

• To develop a strategic communications plan that covers what information to deliver to member departments, perhaps at different levels, how this information is to be delivered (e.g., written form, webinars, peer exchanges), and to oversee or manage that delivery.

• Meeting frequency:
  ▪ Every other month

Members
- Becky Burk, Chair
  Bburk@MDOT.Maryland.gov
- Amanda Holland, AK
- Steve Graben, AL DOT
- Don Johnson, LA DOTD
- Delaine Linville, TN DOT
- Nicole Majeski, DE DOT
- Pat Wise, MT DOT
- Carin Michael, FHWA
- King Gee, AASHTO
CKM Strategic Communication

• Accomplishments:
  • Established the Strategic Communication Task Force
  • Developed a Strategic Communication Plan
    • Submitted to Steering Committee September 2018
    • Steering Committee approved December 2018
  • Began working on web content
  • Action plan created
  • Next steps – Assign tasks

How you can help:
  Join the team
  Assist with task assignments
Proposed Purpose Statement:
The AASHTO CKM Subcommittee on Strategic Communication will develop a strategic communication plan that covers what information to deliver to member departments, perhaps at different levels, how this information is to be delivered (e.g., written form, webinars, peer exchanges), and to oversee or manage that delivery. This includes creating an awareness through webinars and sessions at AASHTO meetings, sharing successes and lessons learned from state DOTs through various means, educating the DOT community about the purpose, role and benefits (to them) of CKM activities, promoting outreach efforts, and assisting and/or facilitating implementation of KM practices.
Website

Charge:
• To define the look, feel, function and initial content of the Committee website. The hosting and coding will be done by AASHTO staff as directed by the task force.

• Meeting frequency:
  ▪ Quarterly, or more frequently as needed.

Members
  ▶ Justin Bruner, Chair
      Jbruner@pa.gov
  ▶ Victoria Beale, OH DOT
  ▶ Amanda Holland, AK
  ▶ Becky Burk, MD State Highway Administration
  ▶ Pat Wise, MT DOT
  ▶ Don Johnson, LA DOTD
  ▶ Cindy Smith, MS DOT
  ▶ Karen Eason Collette, NC DOT
  ▶ King Gee, AASHTO
CKM Website

• Accomplishments
  ▪ [https://km.transportation.org/](https://km.transportation.org/)
  ▪ Website is live
  ▪ Conference information is posted
  ▪ Work in progress:
    ❖ Setting up secure information exchange

How you can help:
• Volunteer as a:
  • tester
  • member
  • content creator
Proposed CKM Subcommittee on Website Management

• Proposed Purpose Statement:

The AASHTO CKM Subcommittee on Website Management shall provide an industry resource for public-facing information regarding Knowledge Management, as well as a secure portal for KM practitioners to exchange information, industry standard practices, experiences, and emerging concepts related to knowledge management. The Subcommittee will focus on providing the best available platforms and tools to store, distribute and interact with the information that is recommended for publication.
Research

• Joint Task Force with the TRB Task Force on Knowledge Management

Charge:
• To work jointly with the TRB Task Force on Knowledge Management to develop research needs statements for funding under the NCHRP and other funding sources.

• Meet monthly on the 4\textsuperscript{th} Thursday of the month
• Next steps: more research need statements

Members
• Leni Oman, Chair
  OmanL@wsdot.wa.gov
• Cindy Smith, MS DOT
• Benjamin Anyacho, TxDOT
• Amanda Holland, AK
• Michelle Tucker, Caltrans
• Pat Wise & Sue Sillick, MT DOT
• Jeff Rockower, NJ DOT
• Laura Wilt, OR DOT
• Jez Arroway, Idaho Transportation Dept
• Denise Bedford, Georgetown University
• Shane Brown, Oregon State University
• King Gee, AASHTO
Research

• List of KM research interests

• Summary of Research activities we can conduct

• Received Research Funding:
  ▪ Secure Information Environments for Collaboration & Knowledge Sharing
  ▪ Staying Nimble: Organizational Development for the Cutting Edge

• Work in Progress
  ▪ Research need statement for KM Metrics
  ▪ Discussion with TRB Conduct of Research on Knowledge Translation

How you can help

➢ Reviewing literature
➢ Writing research need and/or problem statements
➢ Serving as a liaison on research panels
➢ Writing white papers
Proposed CKM Subcommittee on Research

Proposed Purpose Statement:

The AASHTO/TRB Subcommittee on KM Research is a Joint Subcommittee of the AASHTO CKM and the TRB Task Force on Knowledge Management. The Subcommittee supports knowledge translation of existing research and develops research activities to advance knowledge management in the transportation sector. This includes activities such as developing research need statements, surveys, case studies, peer exchanges, practice scans, synthesis reports, research funding requests, project participation, state of the art reports, workshops, and technical transfer resources. The KM Research Subcommittee will collaborate with other CKM subcommittees to address knowledge gaps and support outreach activities. The KM Research Subcommittee will also partner with other AASHTO and TRB Committees on knowledge related research activities.
Joint Task Force
Impact of Digitalization on State DOT Workforces

5-Committee Partnership

Agency Administration Managing Committee (AAMC)

Committee on Civil Rights (CCR)

Data Management & Analytics (CDMA)

Human Resources (CHR)

Knowledge Management (CKM)

Members

- Amanda Holland, Chair, AAMC
  Amanda.Holland@alaska.gov
- Lorri Economy, UT DOT, AAMC
- Joanna McFadden, AR DOT, CCR
- Debra Goss, CT DOT, CCR
- John Selmer, IA DOT, CDMA
- Joe Kirk, TN DOT, CDMA
- Brenda Williams, ID Transportation Dept., CHR
- Karin Van Dyck, MnDOT, CHR
- Leni Oman, WA State DOT, CKM
- Christine Hetzel, VTrans, CKM
- Penelope Weinberger, AASHTO
The Joint Task Force will:

Focus on optimizing the alignment of workforce and civil rights with Technology, Data and Knowledge Management, and Organizational Development, to Strengthen agency capabilities and diversity, Promote inclusion, and Identify gaps, barriers, issues and obstacles as they relate to these fields.

The task force will work to develop solutions, practices, and tools for the departments of transportation to better realize their strategic objectives.
**JTF DIG: Accomplishments / Next Steps**

**Accomplishments**

- JTF approved by AASHTO Strategic Management Committee September 2018
- Kickoff meeting November 2018
- Funding secured for in-person workshop to develop strategic action plan March 2019
- Draft Charter, Glossary, Agenda for in-person workshop April 2019

**Next Steps**

- In-person workshop May 8-9, 2019 – Baltimore, MD
- Finalize strategic action plan
- Assign action items
- Establish JTF meeting frequency
- Status report to AASHTO Strategic Management Committee 2019 spring and fall meetings