The Road to Environmental Stewardship
Via
Environmental Management System Concepts

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By AASHTO
Presentation Objectives

- Highlight the **Mission, Vision, & Services** of the Center for Environmental Excellence
- Highlight the **Opportunities** for Environmental Stewardship Through the Application of Environmental Management System Concepts in Construction
- Highlight **Potential Next Steps** for the SCOC
Mission: Promote environmental excellence in the efficient delivery of transportation services.

Vision: Member organizations have the tools and awareness necessary to be excellent stewards of the environment in carrying out their missions.
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Primary Customer Service Areas & Products

- **Information Sharing** - Website, Transportation/Environmental Alert Newsletter, Meetings, Conference Calls, Conferences, & Peer Exchanges

- **Training** - Web Casts, Webinars, & Seminars

- **Technical Assistance** - On-call Technical Experts, Practitioner’s Handbooks, & Problem-Solving Sessions
An **EMS** is the organizational structure and associated responsibilities and processes, procedures, and tools for **integrating** environmental considerations and objectives into the **ongoing management decision-making processes** and operations of an organization.
Key Elements of an EMS

- Environmental Policy
- Focus, applicable requirements
- Expectations
- Responsibilities
- Processes, procedures, tools
- Training
- Assessment
- Review
EMS Continuous Improvement Process

Basic Approach

- Plan
- Do
- Check
- Act
Key Construction Decision-Making Areas for Potential EMS Concept Application

- Construction Specification Development
- Construction Special Provision Development
- Construction Proposal Preparation Guidelines
- Construction Project Office Manual Development
- Construction Pre-Bid & Pre-Construction Conferences
- Construction Inspection Scope of Work Preparation
Key Construction Decision-Making Areas for Potential EMS Concept Application-Continued

- Construction Inspector Training & Certification
- Construction Design Consultation
- Construction Environmental Monitoring & Reporting
- Environmental Commitment Tracking & Reporting
Potential Next Steps to Incorporate EMS Concepts in Construction Decision-Making

- SCOC Co-sponsor an NCHRP 25-25 Research Project to identify the state-of-the-practice/best practices for incorporating environmental elements into construction
- SCOC assist the Center for Environmental Excellence in developing a practitioners handbook for incorporating environmental elements into construction
SCOE assist the Center in conducting a webcast or webinar on incorporating environmental elements into construction
The Center for Environmental Excellence is ready to assist you in promoting environmental stewardship in construction.
On Behalf of the Center for Environmental Excellence
Thank You

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