

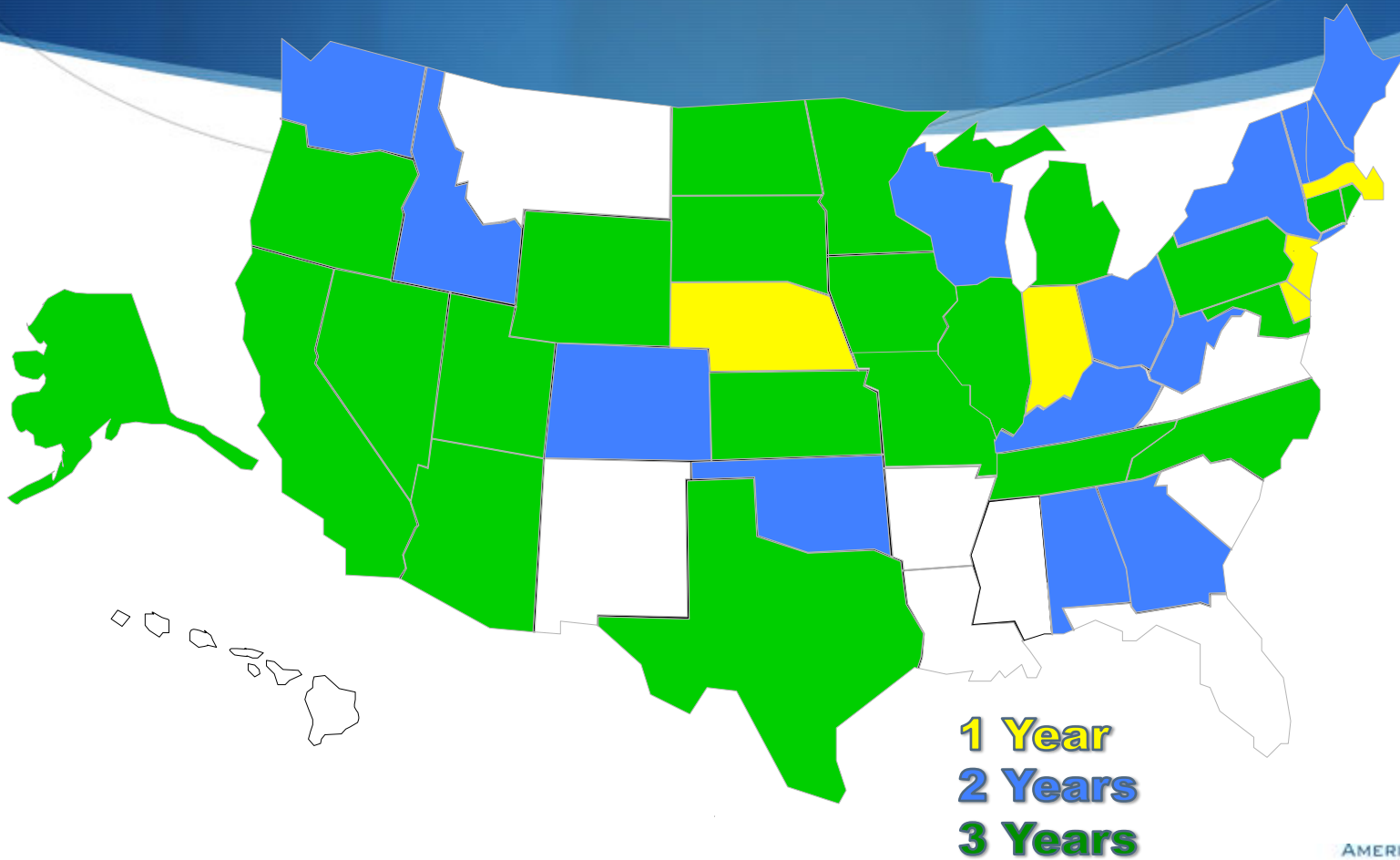
SICOP Update

2014-15

Rick Nelson
AASHTO – SICOP Coordinator

Member States

FY12 – 33 FY13 – 33 FY14 – 33



2015 Winter Maint Peer Exchange
Sept 23-25, 2015

WMPCC

Winter Maintenance Policy Coordinating Committee

- ❄ Each AASHTO region
- ❄ TRB Winter Maintenance Committee
- ❄ TRB Surface Transportation Weather Committee
- ❄ APWA
- ❄ NACE
- ❄ FHWA Liaison

New Appointments

- ❄ Chair
 - Vacant, Pending Approval
- ❄ Appointed new AASHTO Region 4 Representative
 - Kyle Lester – Colorado DOT
- ❄ Vacant, Region 2 representative

Accomplishments

- ❄ Identification of Top-10 practices for world-class winter maintenance program.
 - Prepared a paper outlining the process and results
 - Made presentations of results
 - Developed a research needs statement addressing facility design
 - Surveyed states on status of implementation and barriers
 - Underlying theme of the National Winter Maintenance Peer Exchange.

Accomplishments

❄ Winter Maintenance Surveys

- Salt Survey
- Annual Winter Survey and NEMO
- Status of Top-10 implementation and barriers
- Portable Rumble Strips use, experiences, and reports

Accomplishments

❄ Research – Tech Transfer

- Co-sponsor 2015 National Winter Maintenance Peer Exchange
- NCHRP 14-34 Guide for winter maintenance performance measures
- Clear Roads: winter performance measures
- Aurora: quantifying salt concentrations on pavement

Accomplishments

- ❄ Support HS&R TWG and other AASHTO subcommittees
 - Work with SCOH and member states on MDSS implementation issues
 - Development of Research Needs Statements
 - Liaison with STSMO Systems Operations Strategies WG & NOCoE

Accomplishments

- ❄ Support & collaborate with other consortia & committees
 - CASE Winter Maintenance Study review team
 - Planning for 2016 TRB International Conference on Winter Maint and Surface Trans Weather
 - Presented State DOT perspective on weather forecast needs at AMS Washington Forum

Accomplishments

- ❄ Support SICOP member states
 - Workforce development - CBT
 - Facilitate Communication – List Serve
 - Links to research and articles of interest
 - Provide specific information on winter maintenance related topics

Rick Nelson
SICOP Coordinator
Rnelson@aaashto.org

2015 Winter Maint Peer Exchange
Sept 23-25, 2015



PIARC TC2.4

Winter Service Update

2014-15

2015 Winter Maint Peer Exchange
Sept 23-25, 2015

PIARC TC2.4 Winter Service

- ❄ 3 meetings & 1 workshop
 - Mobile road surface condition measurements in winter.
 - Presented of US activities
- ❄ Published the Snow & Ice Data Book
 - Contributed to the introductory chapter
 - Development of the marketing plan

PIARC TC2.4 Winter Service

- ❄ Cooperation and collaboration
 - Participated in CEDR winter maintenance policy and practice survey.
 - PIARC TC members contributed to the Top-10 development and ranking surveys.
 - Provided information on portable rumble strip research and utilization in the US to the French TC members.

PIARC TC2.4 Winter Service

❄ Strategic projects

- Crisis management of unusually severe and sustained snow events
- Sustainability and climate change considerations in winter operation
- Advanced technology for data collection and information to users and operators
- Winter Road Congress Planning – 2013 Andorra

❄ All products done and presented at World Road Congress 11/2015

PIARC TC2.4 Snow & Ice Data Book

- ❄ <http://www.piarc.org/en>
- ❄ Worldwide best practice in winter maintenance
- ❄ 27 Countries Represented
- ❄ This short report will help you understand how other jurisdictions are handling the worst that cold weather conditions can offer, and how you can apply their learning to your transportation network.