

ST3 - ELECTROMOBILITY SURVEY AND ROAD MAP

Lynda Palombo, Senior Manager
Transportation Energy Technology
Natural Resources Canada

ST-3 ESCI Executive Meeting
October 18, 2011

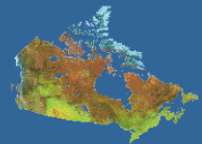


Natural Resources
Canada

Ressources naturelles
Canada

Canada

Smart Transport



One of four tasks under Smart Transport pillar

- ST-1: Energy-Efficient Urban Transport Network
- ST-2: Energy-Efficient Freight Transport Network
- **ST-3: Electromobility Survey and Road Map**
- ST-4: Electric Vehicle Demonstrations

Goal of ST-3

- *Establishing networks of charging stations for electric vehicles*




Natural Resources
Canada

Ressources naturelles
Canada

Canada

ST3 - Electromobility Survey and Road Map



Participating economies

- Australia • Canada • Hong Kong, China
- Indonesia • Japan • Malaysia
- Singapore • Chinese Taipei • United States

Coordinator

- Canada
- Recent experience in developing the Electric Vehicle Technology Roadmap for Canada (available at www.emc-mec.ca)




Natural Resources
Canada

Ressources naturelles
Canada

Canada

ST3 - Electromobility Survey and Road Map



Coordinator

- Develop a template for sharing information on strategies for expansion of electric vehicle charging infrastructure.
- Develop a system for posting the information and selecting best practices.

Participants

- Contribute examples of electric vehicle charging infrastructure and assessments on how the infrastructure will promote expansion of electric vehicle markets.



Natural Resources
Canada

Ressources naturelles
Canada

Canada

ST3 - Electromobility Survey and Road Map



Long term deliverables of ST3

- **Development of website on ESCI Knowledge Sharing Platform (KSP) with compendium of strategies for electric vehicle charging infrastructure.**
- **Assessment of best practices for boosting electric vehicle markets through infrastructure expansion.**

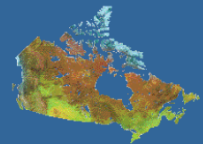


Natural Resources
Canada

Ressources naturelles
Canada

Canada

ST3 - KSP Meeting



- **Draft template prepared for KSP Meeting**
- **Participants to review draft template**
- **Participants to discuss ideas for system to post information and selecting best practices**
- **Feedback collected by or sent to Coordinator**

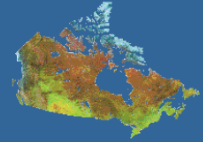


Natural Resources
Canada

Ressources naturelles
Canada

Canada

Template



- **Part 1: Economy Overview**
 - Includes contact information, sources of electricity, number of urban centres, number of EVs and charging stations, public incentives, vision for EV future etc.
- **Part 2: Strategy for expanding electric vehicle charging infrastructure**
 - Includes information on strategy type, partners, document description and expected outcomes
- **Part 3: Example of electric vehicle charging infrastructure project (if applicable)**
 - Includes type of project, description, assessment of project merits (if completed)

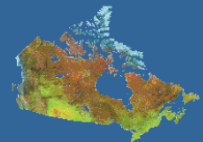


Natural Resources
Canada

Ressources naturelles
Canada

Canada

Next Steps



Short term

- **Coordinator finalizes template and system for posting information**
- **Coordinator consults with ESCI KSP web site team to coordinate web site developments**
- **Participants are contacted and complete template on-line**

Long term

- **ST3 website content will be incorporated into ESCI Knowledge Sharing Platform (KSP) including assessment of best practices**

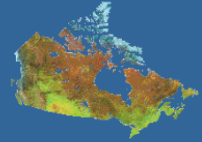


Natural Resources
Canada

Ressources naturelles
Canada

Canada

Thank you



Lynda Palombo

(on behalf of Nick Beck, Coordinator for ST3)

Senior Manager

Transportation Energy Technology

Natural Resources Canada

(613) 996-6149

Lynda.Palombo@nrcan.gc.ca



Natural Resources
Canada

Ressources naturelles
Canada

Canada