APEC EV Connectivity Workshop Summary Session

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APEC Electric Vehicle Connectivity Workshop
Wellington, New Zealand
20 June 2012
Status of Plug-in Electric Vehicles

• PEVs are too expensive! How can we reduce costs?
• Market is still immature – another 5-10 years of development
• “EVs are like a knife” – lots of potential if optimized
• Don’t underestimate the potential of inductive charging!
• There are many barriers other than just trade barriers
Context for This Project

• EV Connectivity is a complex issue and is not *exclusively* about smart grids or PEVs

• PEV value-proposition includes:
  – Greenhouse gas reduction
  – Air quality
  – Economic competitiveness in technology innovation
  – Energy security
Role for APEC

• Increased Government support in immature economies is required.
• We (APEC Economies) need to learn from each other to save time, avoid mistakes and redundancy.
• Collaboration, Coordination and Cooperation -- Information sharing is essential for APEC competitiveness and global PEV market development
• Role for APEC is:
  – To catalogue policy activity and market development in region
  – To promote PEV uptake in the region
  – To represent the region globally
Specific Next Steps for APEC

• Additional research is required for better understanding of key issues (e.g. energy market considerations, need for battery swap market coordination, analysis of early deployment inputs/outputs)

• Progression of this project
  – Identify forums/opportunities for additional funding
    • TILF, Energy Smart Communities, Knowledge Platform
Consultation – Please?

• Our goals:
  – Accurate & current information
  – Unbiased representation
  – Comprehensive reporting

• Next steps:
  – Consultation on draft report until 20 July 2012
    • Email/Phone
    • Formal submission
  – Survey ongoing (see link in “Consultation” section of report)
  – Key Contact referrals welcome