Sub-National Approaches to Sustainable Transportation Policy

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States: Enable Leaders to Lead

- Several states (CA, PA, CO) making progress on methane leaks
- Some progress for broad carbon caps – WA did this, OR, VA & MA considering.
- Push EV support – purchase incentives, charger deployment.
- LCFS policies likely workable in states with strong Clean Air laws
- Electric Utilities can be key allies in EV deployment
  - SB 350 model of EV charger deployment may solve ”Chargers vs. Vehicles” problem.
  - Need to make sure charging rate design doesn’t undercut EV cost advantages or exacerbate peak load problems.
- Infrastructure investments possible, but avoid fossil-fuel lock-in.
California: Indispensable Leadership

- Extending climate policies and driving down the cost of technology now more critical than ever.

- CARB Reviewing ZEV Mandate and other policies, opportunities to push them farther.

- Major fight brewing over EPA waiver on fuel economy / ZEV standards
  - If a waiver can be obtained then Section 177 becomes a major tool to move willing states ahead of the pack

- Cap and trade still needs reauthorization

- AB 2722 (Burke) Transformative Climate Communities builds framework for local action.
Regional Groups: Build Coalitions of the Willing

- Pacific Coast Collaborative (PCC, comprising CA, OR, WA, BC)
  - Joint Climate Declaration – 2013, commits to broad suite of specific goals, including ZEV support, LCFS, high-speed rail links.

- Northeast States for Coordinated Air Use Management (NESCAUM)
  - CT, ME, MA, NH, NJ, NY, RI, VT – Coordination, joint research and cooperative projects
  - ZEV Implementation Task Force, Advanced Technology Vehicles Program (CA LEV standard), regional freight initiatives
  - Currently evaluating how to improve outreach to consumers regarding ZEVs.

- Governor’s Accord for a New Energy Future – 17 States signed clean energy pledge

- Western Climate Initiative
  - CA + Quebec, Ontario currently joining.

- Regional Greenhouse Gas Initiative (RGGI)
  - Power sector-specific carbon market for CT, DE, ME, MA, MD, NH, NY, RI, VT
Businesses: Moving Beyond Marketing

- 360 Companies urged Trump to follow through on Paris commitment.

- RE100 – 83 major companies including Apple, Coca-Cola, BMW, GM, Google, HP, Johnson & Johnson, Nike, Facebook, Nestle, Starbucks, UBS and Walmart have made commitments to move to 100% renewable energy.
  - Also an Energy Productivity (EP100) and forthcoming Electric Vehicle program (EV100).

- Work with companies and institutional investors to demand climate risk disclosure and push for corporate sustainability policies.

- Workplace charging for EVs a major driver of consumer interest. Group purchases of EVs have also been useful.
Foreign Engagement: Facilitate, Resource and Enable

- Many countries fully intend to live up to Paris commitments, but face resource and institutional challenges.
  - Need to partner with local agencies and communities to ensure that offered assistance empowers local stakeholders and addresses the community’s needs.
  - This is where historical commitments to student/staff diversity will really pay off.

- Canada just announced fuel carbon intensity policy, carbon price was announced earlier.
  - Advocacy community is comparatively small and had been fighting a very different battle for many years.
  - Government agencies will seek input in developing policies.
  - Advocates seek to improve their fluency in LCFS regulatory design, public outreach, business development and political economy.
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