Towards Smart, Resilient and Low/Zero Emissions in the APEC Region

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59th Meeting of Expert Group on New and Renewable Energy Technology
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Creating a **Resilient** and **Sustainable Future** for All.

The LEG progresses policy dialogue on land transport

- The Transportation Working Group (TPTWG) seeks to advance APEC's overarching agenda of improving connectivity and deepening regional economic integration by developing policies that promote the safe, secure, efficient, and sustainable and legitimate movement of people and goods throughout the region.

- The LEG is a forum of the TPTWG which progresses work on land transport, and usually meets twice year.

- The LEG is guided by its Main Policy Theme, which in 2023 is "Towards smart, resilient, and low/zero emissions transport in the APEC region".

There is a clear policy pathway towards low emissions transportation

- At the conclusion of the 11th APEC Transportation Ministerial Meeting in May 2023, the TPTWG was directed to engage on specific and tangible areas of work, most relevantly including:

  - catalysing the transition towards low and zero emissions light-duty vehicles;

  - ensuring that innovation and emerging technologies feature prominently in our discussion.

- We are also considering the work of the APEC Policy Support Unit as reported in Policy Brief 48 and Policy Brief 55.

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"Powering up" on vehicle electrification

- The most effective and economically efficient strategy to significantly reduce GHG emissions from transportation across all economies worldwide is vehicle electrification, combined with clean energy production.

- Five policy levers are particularly important:

  - Supply regulations;

  - Purchase incentives;

  - Usage incentives;

  - Charging infrastructure; and

  - Investing in consumer education.

Promoting public, shared and active transport

- Supporting mode shift towards public, shared, and active transport is a crucial part of truly energy efficient transport.

- Four key policy levers include:

  - Public transport service improvements;

  - Integrating shared mobility with mainstream transport networks;

  - Changing land use to promote active mobility;

  - Traveller demand management policy.

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Adopting sustainable energy sources for land transport

- The use of renewable energy to power the electric grid is primarily a task for energy policymakers.

- But transport policymakers can use funding tools to influence the use of sustainable fuels for public transport systems and encourage people to adopt electric vehicles and take public transport.

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The conversation continues

- Although some economies are progressing extremely ambitious policies, economies need collectively higher ambitions.

- Currently announced transport policies are about half of what is needed to limit warming to 2.0 degrees.

There are opportunities for collaboration

- The two main ways we could collaborate include sharing information (such as by participating in each other's meetings) and identifying and progressing APEC-funded projects of mutual policy interest.

- Some issues the LEG may be interested in include:

  - the interface between surface transportation, land use, and energy use;

  - climate resilience and adaptation, and infrastructure challenges;

  - continuing conversations which advance Transport Ministers' directions, or build on Policy Brief 55.

Potential questions for discussion

- Are there topics of particular interest to EGEEC and EGNRET that fall within the scope of our main policy theme?

- Which parts of Policy Brief 55 or Transport Ministers' directions are your economies, or working groups, already working on? What areas would be your highest priority as energy policymakers?

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