

Introduction to project & workshop

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Workshop: Deep Transition and Integration of Power and Transport Systems

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Contributing partner organisations & staff



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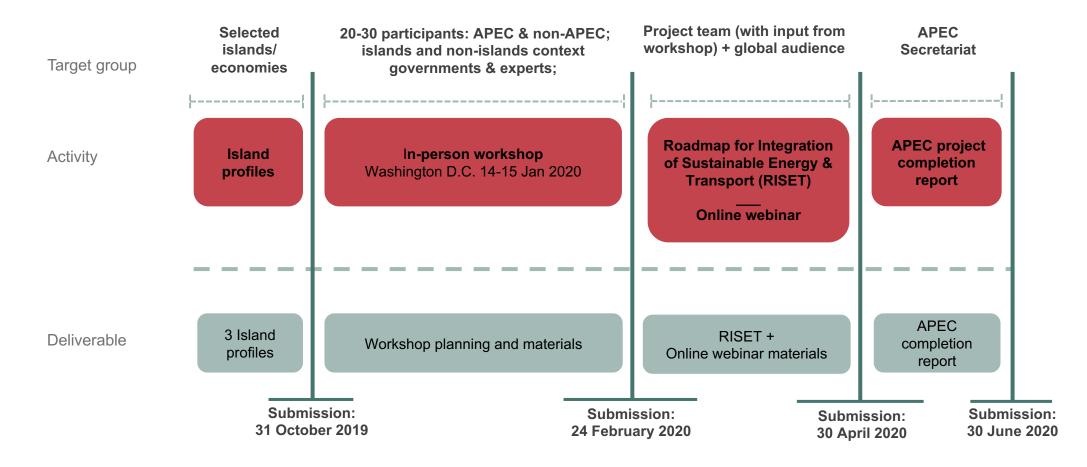


Project objectives

1. Build capacity and increase knowledge of APEC member economies 2. Provide APEC economies with a detailed blueprint (RISET) of the steps to transition to RE based energy systems 3. Create a longterm platform for continued dialogue, knowledge sharing and peer-learning within APEC economies

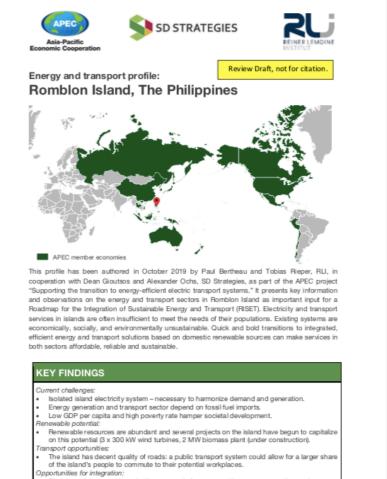


Project milestones and timeline





Island profiles



- Electric vehicles are charged with oversupply from renewable energy generation and serve as "dump load."
- Key goals for RISET:
- Decarbonization of transport sector, tax on gasoline powered cars, subsidies for e-scooters

Three (3) islands:

- Romblon Island, The Philippines
- Easter Island, Chile
- Cat Ba Island, Viet Nam

Island profile structure:

- Key findings
- Summary of energy + transport data
- Introduction to island
- Current configuration of energy and transport systems
- Policy and investment environment
- Main stakeholders/actors
- Island 'snapshot'
- The way forward
- Opportunities to advance the energy and transport systems



Workshop objectives

Familiarize participants with the objectives and methodology of a Roadmap for Integration of Sustainable Energy & Transportation (RISET).

Intridcue participants to basic RISET methodology for future planning in the sectors, including their integration.

Create a forum for participants to share regional experiences and good practices

Establish a network of practitioners and experts from APEC islands, economies and non-APEC economies in order to scale the impact of the project



Roadmap objectives

Serve as a blueprint which all APEC islands (and ultimately, larger economies) can adopt for their sectoral strategy design

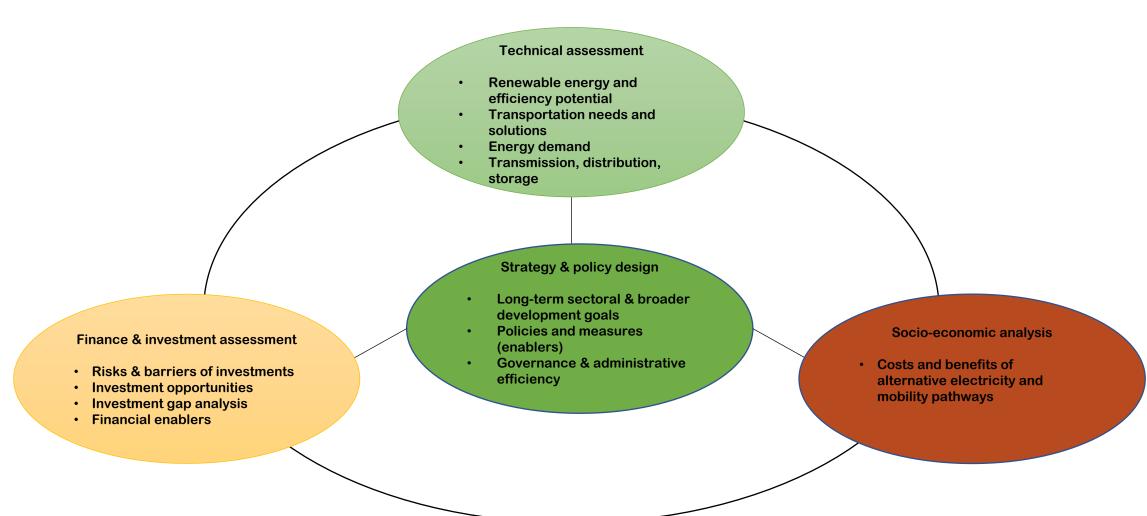
Provide basic assessments in the areas of renewable energy and transportation technology including their integration

Perform initial socio-economic modelling of alternate development pathways

Present finance and investment risks/barriers and de-riskers/enablers, as well as policy, regulatory and governance/administration options



Sustainable Integration Roadmaps for Energy and Transportation (SIRET)





Roadmap for Integration of Sustainable Energy & Transport (RISET)



Roadmap for Integration of Sustainable Energy & Transport (RISET)

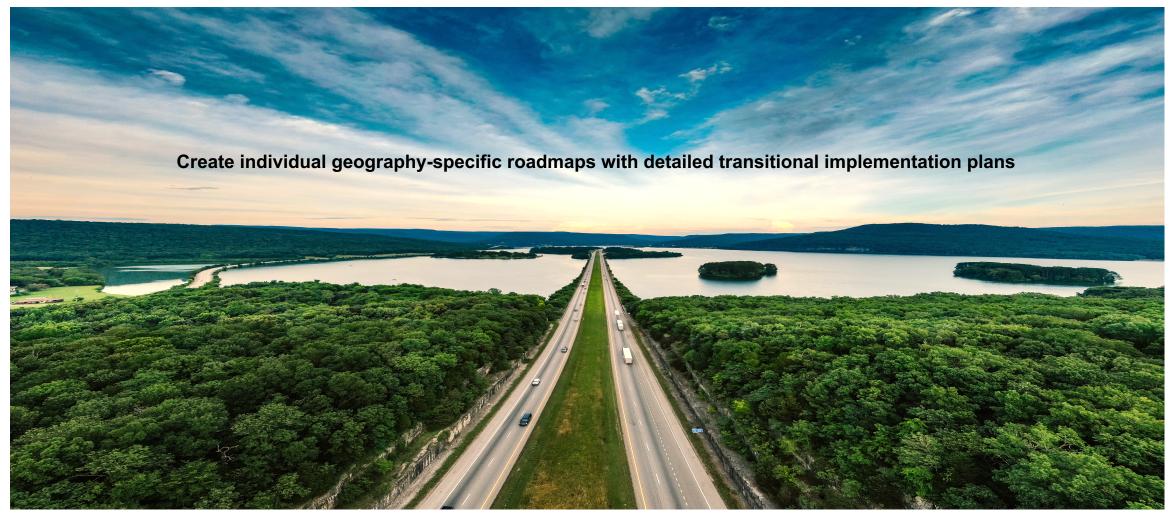
EWG 10 2018A Low Emissions Development Strategies: Supporting the Transition to Energy-Efficient Electric Transport Systems

RISET outline + structure:

- Introduction
- The need of energy transitions in APEC islands
- Technical assessment
- Socio-economic benefits of sustainable energy and transport
- Investment analyses
- Political and administrative toolkit
- Conclusions and next steps



Phase 2 plans





Thank you for your attention!

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