

# Regional Process for Energy Storage Evaluation

IRENA's Electricity Storage Roadmap – Concluding Workshop



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# Include many stakeholders from the beginning

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## 1. Connect with stakeholders

- TSOs/DSOs/Utilities
- Regulators and policymakers
- Ratepayer/consumer advocates
- Environmentalists and other interest groups
- Industry (e.g. energy storage, renewables, demand response, traditional generators)
- Finance/capital
- Modeling/technical experts

### Actions:

- Share **best practices** and connect to **existing standards**
- Discuss **regional challenges** and **strengths**
- Review **potential drivers** for storage/flexibility in the region (renewables, fuel prices, GHG policy, transmission, etc.)
- Consider **key grid needs** and structure
- Identify **financing hurdles**

# All steps should be based on region-specific inputs

- 2. Determine regionally appropriate applications, based on successful applications implemented elsewhere**
  - Transmission scale
  - Distribution scale
  - Customer sited
  - Generator sited (co-located particularly with renewables)
- 3. Identify alternatives to storage**
- 4. Independently model storage applications vs. alternatives**
- 5. Reconvene; prioritize applications with greatest benefit**
- 6. Determine the barriers to applying storage in high priority applications**
- 7. Work with stakeholders to build practical implementation plans**