

MODELING, POLICY AND THE ENERGY TRANSITION

Western Workshop, 27 Sept 2019





- What (policy makers, utilities and others) needs were identified in regional workshops that can be addressed through modelling?
 - Pathway analysis – relative cost, emissions, resilience
 - Electrification requirements
 - Transportation
 - Hydrogen
 - Renewable natural gas
 - Markets
 - Valuation for business



- Which stakeholders were identified that could benefit from this initiative?
 - Utilities
 - Provincial, territorial, federal governments
 - Regulators
 - Business
 - Municipalities, remote communities
 - General public



- What kinds of practical decisions can energy modelling address?
 - Implications of decarbonization options
 - Trade-off analysis
 - Cross-sector impacts
 - Infrastructure requirements
 - Technology value
 - Transparent decision support



- What are the values that this initiative could create for the stakeholders?
 - Match maker
 - Objective analysis
 - Accessible models
 - Training
 - Reference source
 - Data sharing
 - Educational material



- What are the requirements for such an initiative to succeed?
 - Frequent communication
 - Formal and informal information sharing
 - Shared scenarios, data, reference cases
 - Open tools
 - Sustained capacity
 - Regional engagement
 - Education

