



Natural Resources  
Canada

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Canada

# Workshop 2: Country and expert cases on stakeholder consultations

# CANADA

## IRENA LTES Network

December 9, 2022

Canada



# NRCan: Generation Energy

WASTE  
LESS  
ENERGY

CLEAN  
POWER

RENEWABLE  
FUELS

CLEANER  
OIL & GAS

- In 2017, the Minister of Natural Resources tasked an expert Generation Energy Council to solicit views from Canadians on a pathway to transition to a reliable, affordable, low-carbon economy.
- 380,000 people joined a national dialogue through online submissions and in-person events held across the country.
- The final report in 2018 summarized four key pathways to a sustainable energy future:
  - Wasting less energy
  - Switching to clean power
  - Using more renewable fuels
  - Producing cleaner oil and gas



# Canada Energy Regulator and Environment and Climate Change Canada stakeholder consultations

- Both organizations maintain internal capacity and models used to prepare their energy scenarios.
- Both organizations engage with experts in academia and research institutes to obtain technical advice, validate methods, assumptions and some results
- Continuous engagement with energy-economy modelling community drives continuous improvement in their respective methods





- To increase engagement with energy experts, NRCan launched the Energy Modelling Hub to strengthen the connection between energy modelling experts and energy policy community to co-create a transparent, evidence base to inform pathway identification and effective energy policies.
- In the near-term, the community (~1,000+) will release national transparent electricity system models and initiate work to develop a platform to facilitate the comparison of models results from a variety of sources.
- **Motivation:** Trends in distributed generation adoption in Canada point to a future where we will see an enormous mobilization of new actors in the electricity and energy sector, largely small PV installations. These new actors will look for information to help them understand their role in this new energy future.



# Questions?

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