

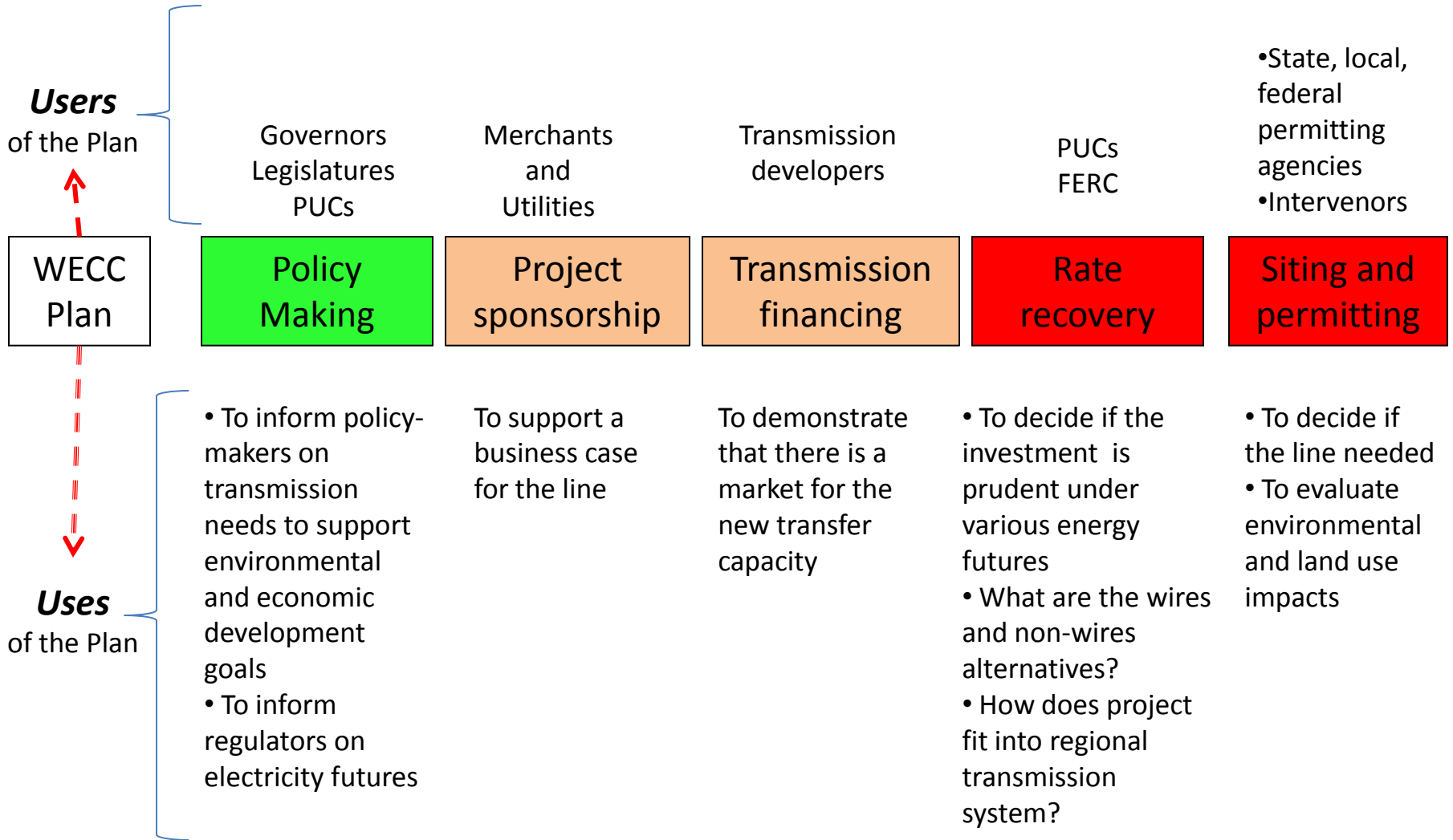
# PRESENTATION TO WECC

- Historical context of transmission planning
- Users and Uses of the Plan
- Progress that has been made
- Some important issues SPSC will be working through in January

# History of Interconnection-wide Transmission Planning

- 2001 – Western Governors requested first interconnection-wide plan during Electricity Crisis
  - No industry answer to question of what wires are needed
  - Conceptual plans prepared in 60 days
- 2001 – Governors asked that interconnection-wide planning be institutionalized which was done within SSG-WI
- 2005 – Governors support WECC taking over interconnection-wide transmission planning as SSG-WI terminated
- State-provincial study requests drive TEPPC studies
  - 2008 WIRAB requested low carbon scenario
  - 2009 WREZ requested high renewables scenarios
  - 2010 SPSC requests

# Users and Uses of a WECC Plan



# Observations on TEPPC process – very good start

- Study process
  - TEPPC has given priority to study needs of states/provinces
  - More cases being studied
  - Improved load info
  - Continuing improvements in modeling techniques
  - New 20-year modeling tool being acquired
- Beginning process to move from studies to a plan

# Key issues for SPSC

- Goal statement for the 10-year Plan
- Synthesizing framework for the Plan
- Whether the Plan should include recommendations and how they should be developed
- Gaps in the Plan and future improvements
  - (e.g., more robust incorporation of public policy goals/constraints, tools that optimize the resource portfolio, variable generation analysis, when congestion is worth fixing, looking beyond congestion in determining necessary transmission)