

# Mediated Modelling: Taking Stakeholders inside the Black Box

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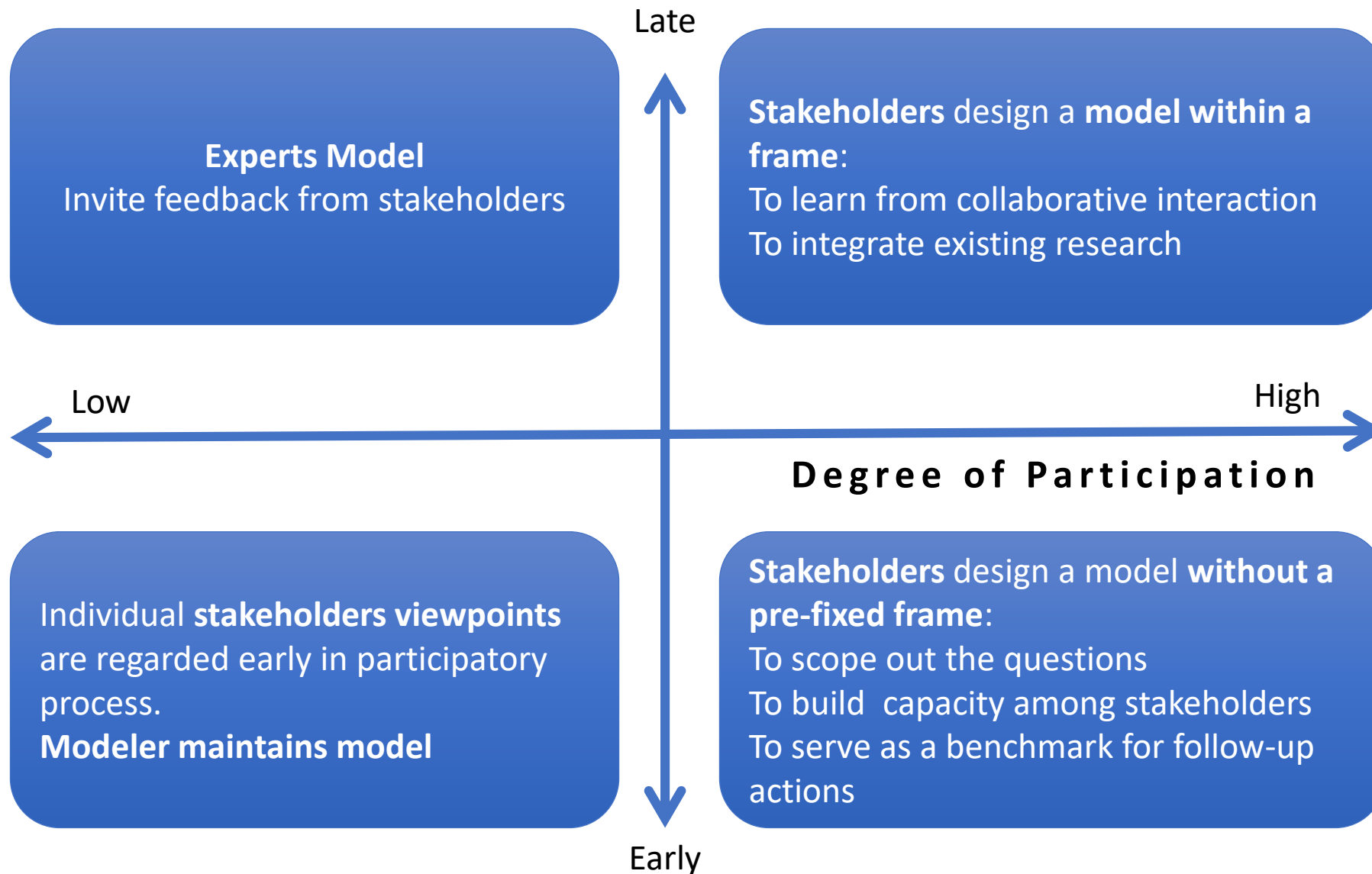
# Mediated Modelling



Marjan van den Belt

Goal of mediated modelling: create **shared understanding** that can form the basis for **action**.

# Timing of Participation



# 1. Scoping



# 2. Model v1

Research Question  
Model Design  
Assumptions 1, 2, 3  
Structure A,B,C

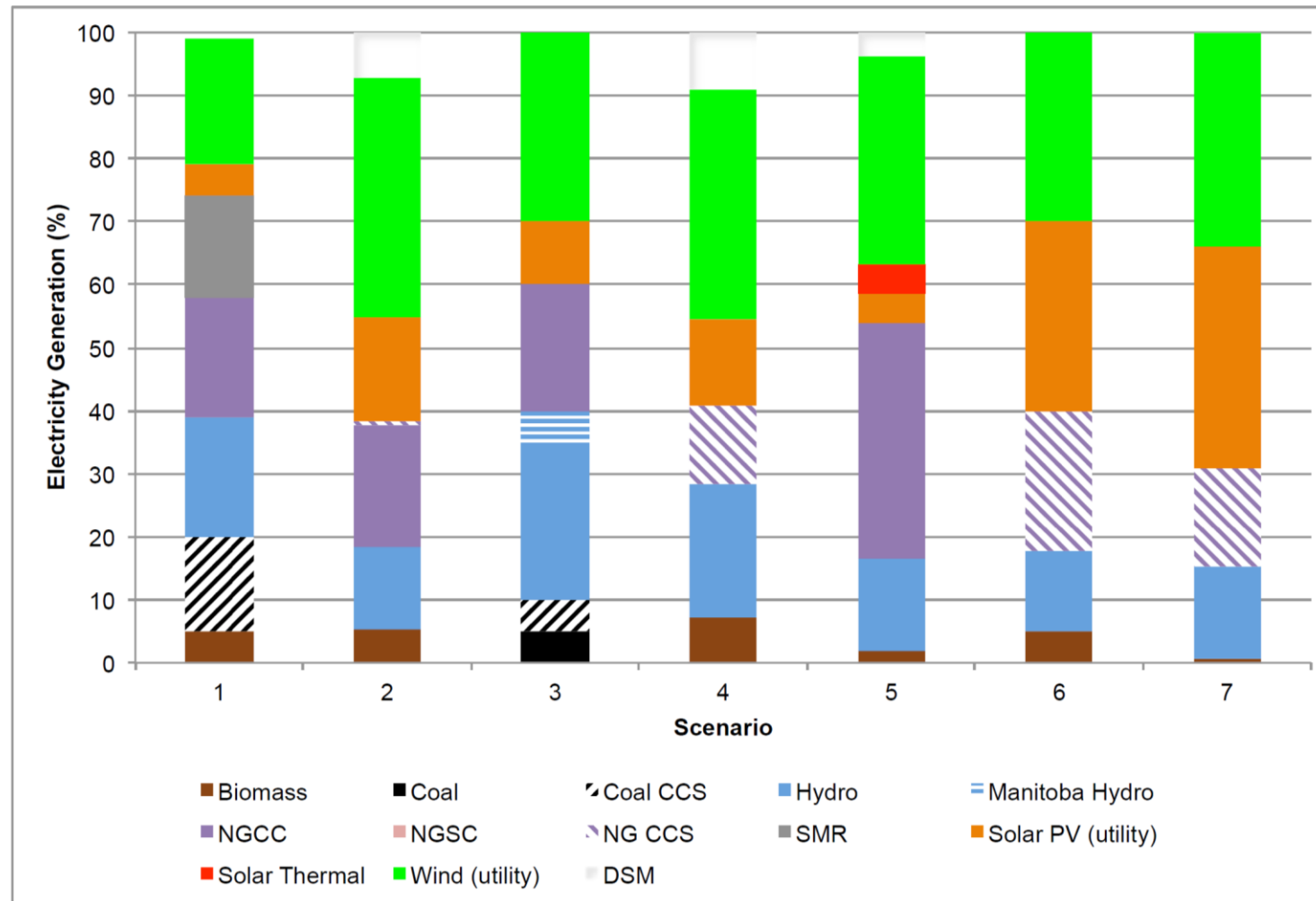
# 4. Model v2

Revise Model  
Update Assumptions  
4,5, 6  
Enhance Structure  
D,E,F

# 3. Open the box

# 5. Scenario creation

# Stakeholder Generated Scenarios



# Participant Feedback

- “I’ve always found it amazing how **creative** (and aligned) all of our thinking can become when we are able to match the tools, to the problems, to the thinking.”
- “I learned that this whole issue is more **complicated** than I first thought.”
- “Always **fun to talk to folks with different priorities** and background.”
- “People seem eager to find **collaborative** solutions.”

# What is deliberative dialogue?

**Dialogue:** “an orientation toward constructive communication, the dispelling of stereotypes, honesty in relaying ideas, and the **intention to listen to and understand the other.**” (McCoy & Scully, 2002)

**Deliberation:** “the use of **critical thinking and reasoned argument** as a way for citizens to make decisions on public policy.” (McCoy & Scully, 2002)

“The only condition for authentic deliberation is the requirement that **communication induce reflection upon preferences in non-coercive fashion.**” (Dryzek, 2002)

Assumes: “individuals participating in democratic processes are **amenable to changing their minds and their preferences** as a result of the reflection induced by deliberation.” (Dryzek, 2002)



# Citizen Dialogues on Canada's Energy Future



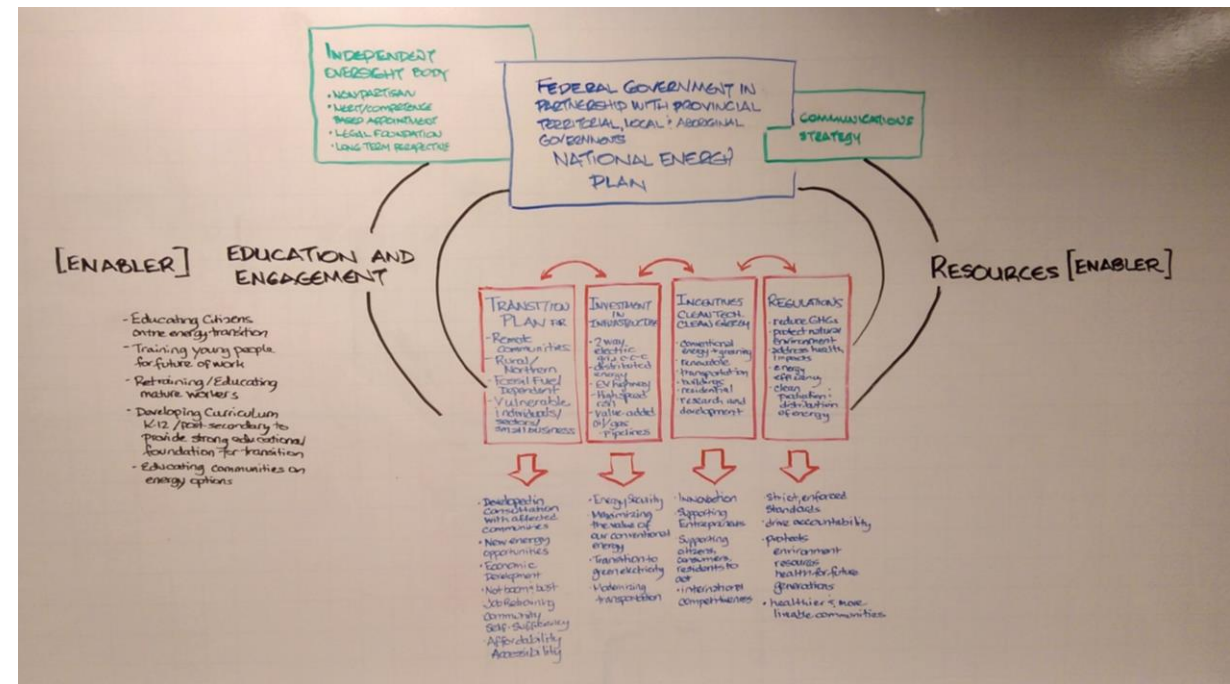
**CITIZEN DIALOGUES ON CANADA'S ENERGY FUTURE**



**REGIONAL DIALOGUES SUMMARY REPORT**



4 PILLARS OF NATIONAL ENERGY PLAN  
 TRANSITION PLAN FOR VULNERABLE COMMUNITIES  
 INVESTMENT IN INFRASTRUCTURE  
 INCENTIVES IN CLEAN TECH · CLEAN ENERGY  
 REGULATIONS TO ADDRESS IMPACTS



- **Thesis:** Social license cannot simply be inserted into a model
- Instead, a **mediated modelling** process can be a **key engagement tool** in the process of obtaining **social license**

“**Analysis is not enough....**making things happen in real situations is a complex and subtle process, something which will not happen simply because some good ideas have been generated or a sophisticated analysis developed.”  
(Checkland, 2013: S20)



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