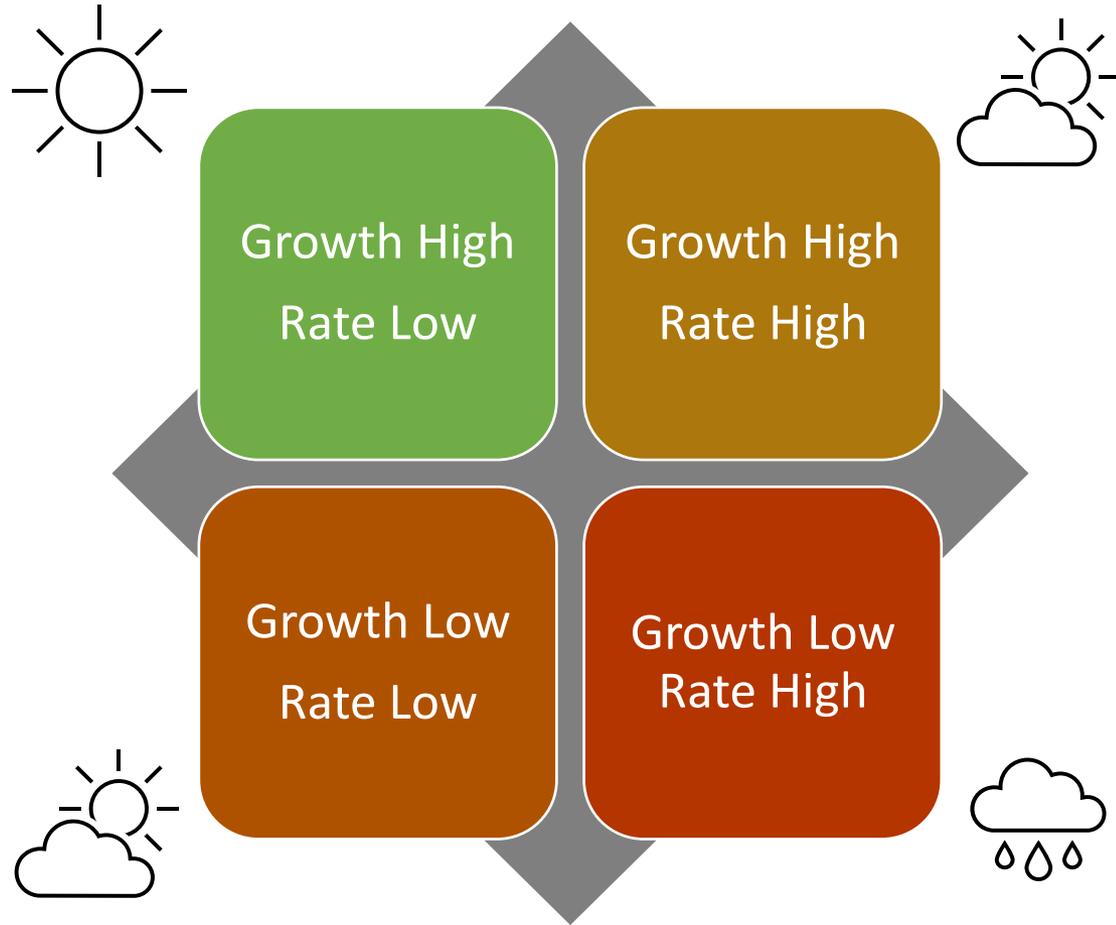


- Meaning, purpose and scope of scenario planning
- Scenarios and decision making
- Scenario development methods
- Scenario practice in the world of energy
- **Fundamental driving forces/key uncertainties**
- World Energy Scenarios – The future of nuclear (2019)

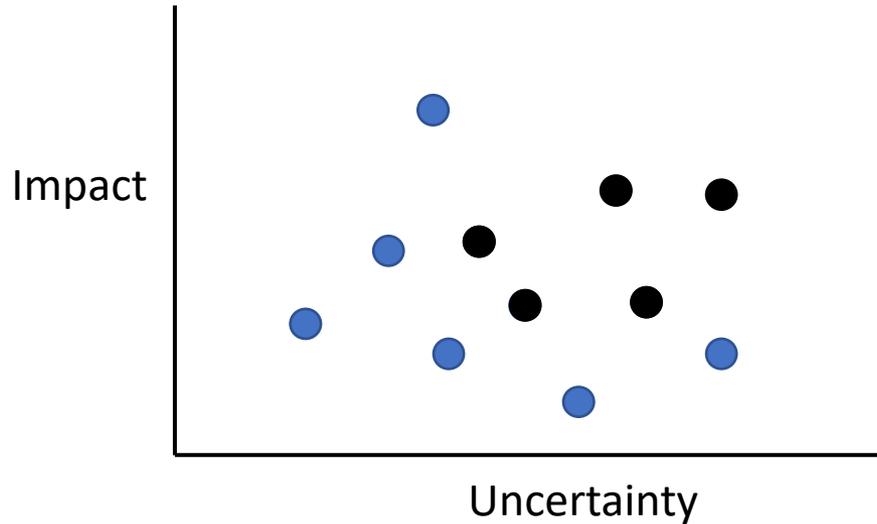
Content

- Fundamental driving forces or critical uncertainties
- A hybrid method for scenario planning

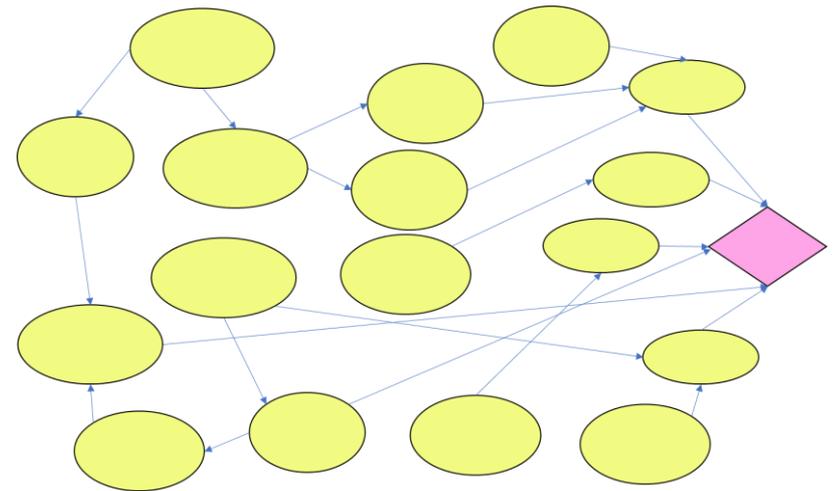
Another example of 'deductive'



Fundamental driving forces

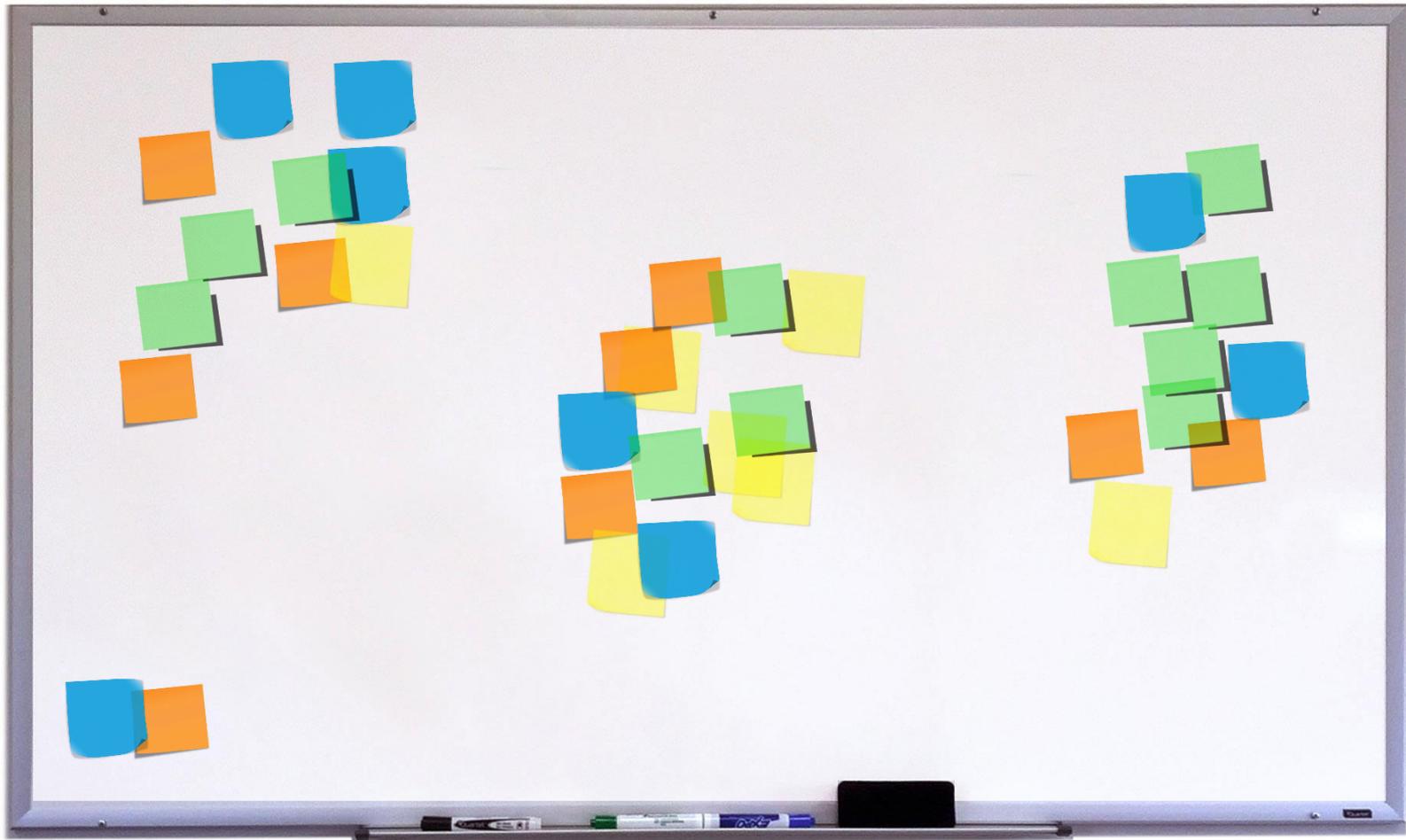


1. Choose 4-6 key factors (i.e. > 2 !)
2. Look for UNDERLYING forces/uncertainties (NOT 'outcome uncertainties')



Then apply inductive method

(but primarily focus on the fundamental driving forces)



1. Define purpose and scope
2. Examine current status and recent developments
3. Explore uncertainties/forces using influence diagram
4. Identify fundamental driving forces (4 – 6)
5. Consider various possible outcomes, use inductive method
6. Iteratively compose scenario story lines (brief)

What are the most important uncertain future forces/developments that will shape the global order in the next 20-30 years?

- Geopolitical developments and global governance models
- Development of emerging economies (China, India, others)
- Climate change and the response to it of mankind
- Technological developments and their market implications (internet, AI, etc)
- Monetary system/regulation, sovereign debt issues

Pierre Wack about Scenario Planning (1986)

The forces behind



Source: Youtube, Oxford Futures Library