

# **FEP Climate and Communities Initiative**

## **Scenario Planning Update**

September 13, 2019

# Presentation Structure

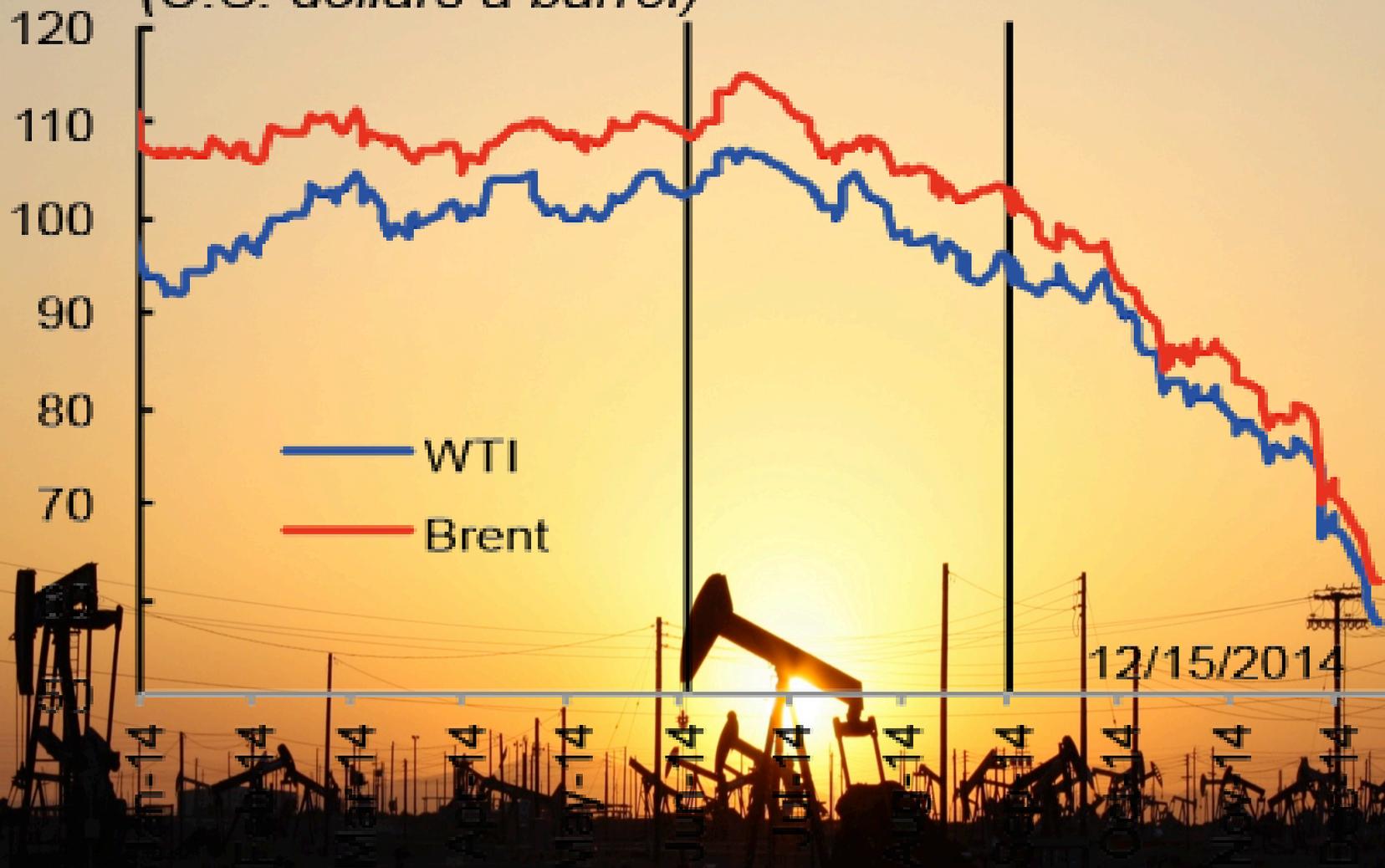
- Why conduct a scenario planning engagement?
- What is scenario planning?
- Proposed process 2019 – 2020
- Preliminary driving forces

# Why Conduct A SP Project?

- Explore how shifting stock availability / shifting distribution (and other factors) might affect **west coast fishing communities** in future
- Define and develop tools, products, processes necessary to react to potential future states

# Oil Prices

(U.S. dollars a barrel)



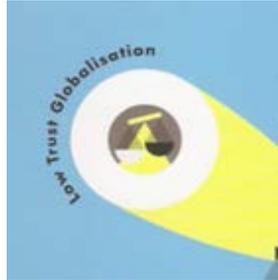
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# What is scenario planning?



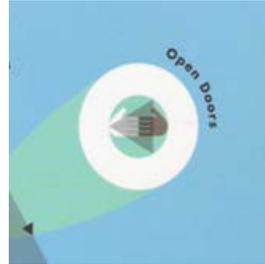
*“Scenario planning is a technique that uses provocative stories about the future...to change the minds and actions of a group of people...so that they are better prepared for tomorrow”.*

# An example set of scenarios



## Low Trust Globalization

*A legalistic world of competing standards and divergent initiatives aimed at solving global problems*



## Open Doors

*A pragmatic world of incentives and soft power aimed at promoting inclusive globalization*



## Flags

*A dogmatic world of populist policies and bilateral agreements aimed at pushing national agendas*

# Benefits from scenario work

- 1 *Flexibility to react quickly to a changing world*
- 2 *More considered decisions and plans*
- 3 *Innovative ideas*
- 4 *Early and broad risk identification*
- 5 *Alignment towards a common vision*

# Key Steps in Our Proposed Process

## **ESTABLISH** (Summer 2019)

*Train a core team in the essentials of scenario planning*

*Clarify the focus and goals of the investigation (scope & time horizon)*

*Design a preferred project structure*

*Decide upon the key people and perspectives to engage*

## **DISCOVER** (Aug-Sept 2019)

*Review existing materials on forces driving change*

*Interview a selection of stakeholders / experts regarding their views of the future*

*Organize discussions with Advisory Bodies and Council to gather additional views*

*Synthesize ideas to create 'building blocks' for scenarios*

## **CREATE** (Oct-Jan 19-20)

*Design and prepare for a scenario creation workshop*

*Create pre-reading/briefing materials*

*Run scenario creation workshop*

## **VALIDATE** (Feb-March 2020)

*Construct first draft scenarios and share with Council*

*Edit and enhance scenarios as required*

## **APPLY** (March-June 2020)

*Use refined scenarios to inform a series of 'implications conversations' with various stakeholders*

*Create final report for Council:*

- **Scenarios:** what futures should we prepare for?
- **Insights:** what do these futures mean for us, other stakeholders?
- **Process tools:** (how) should we use this approach more regularly?

# Framing Question

*How will west coast fishing communities be affected by climate-related shifting stock availability and other developments between now and 2040?*

*“it depends...” on what?*

# Driving Forces of Change: Preliminary List

- *Climate change*
  - *Ocean temperatures*
  - *Nature of range shifts*
  - *Sea-level rise*
  - *Ocean acidification*
  - *Bio-physical shocks (marine heatwave, warm blobs)*
  - *Intensity of storms*
- *Global fishing industry developments*
- *Trade policy*
- *Regulatory / environmental policies*
- *Development in coastal communities*
- *Economic conditions*
- *Global population trends*
- *Consumer behavior / appetite for seafood (and its provenance)*
- *Food production technology – e.g. synthetically produced proteins*
- *Aquaculture*
- *Industry structure (integration / fragmentation)*
- *Aging of fishing fleet and expertise*
- *West coast fishery management policies*
- *Fishing community responses and cohesion*