

FEP Climate and Communities Initiative

Scenario Planning Update

September 13, 2019

Presentation Structure

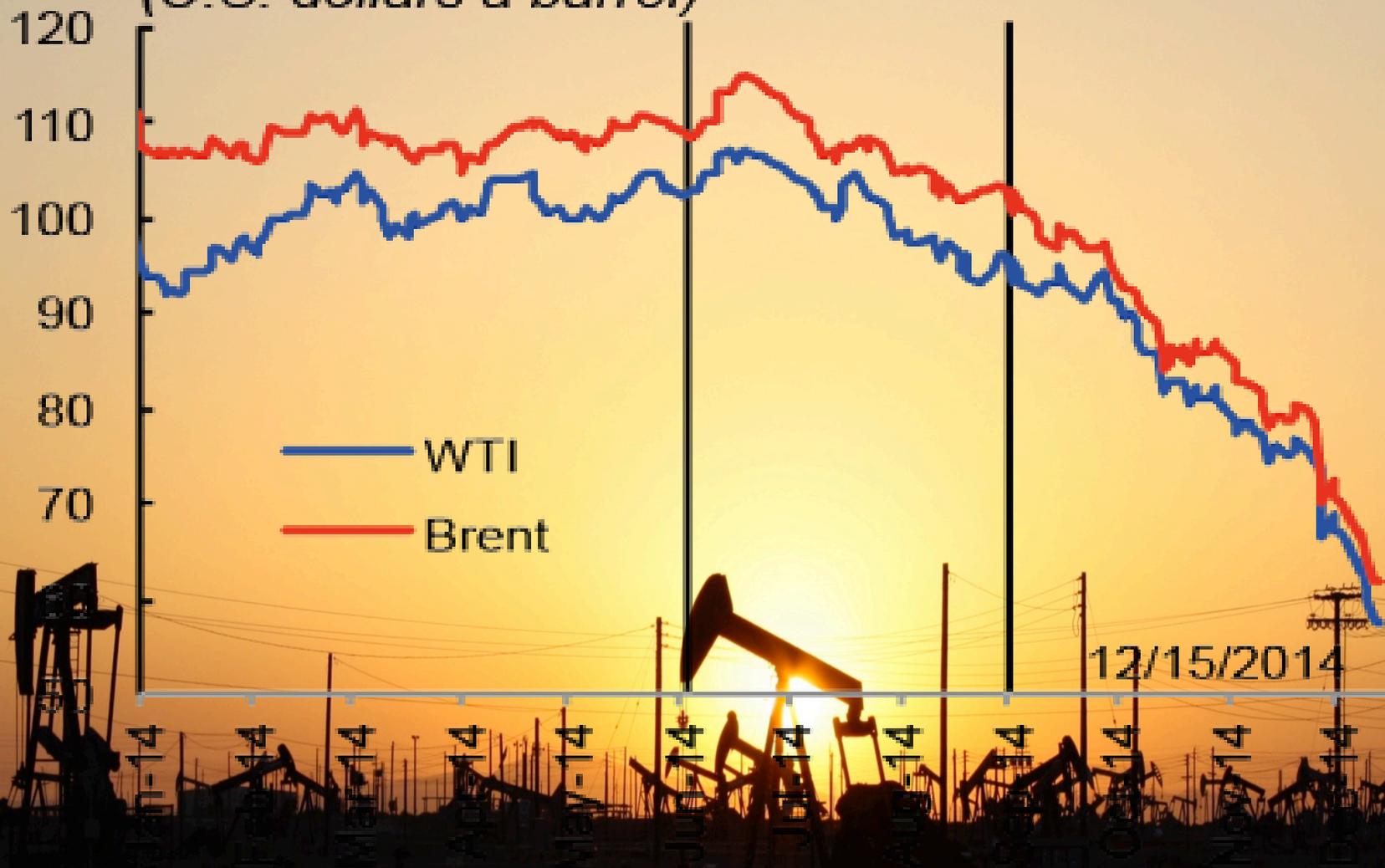
- Why conduct a scenario planning engagement?
- What is scenario planning?
- Proposed process 2019 – 2020
- Preliminary driving forces

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)



12/15/2014

What is scenario planning?



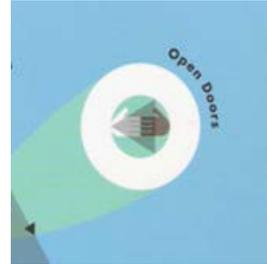
“Scenario planning is a technique that uses provocative stories about the future...to change the minds and actions of a group of people...so that they are better prepared for tomorrow”.

An example set of scenarios



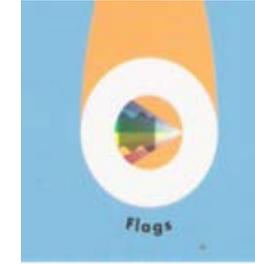
Low Trust Globalization

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*