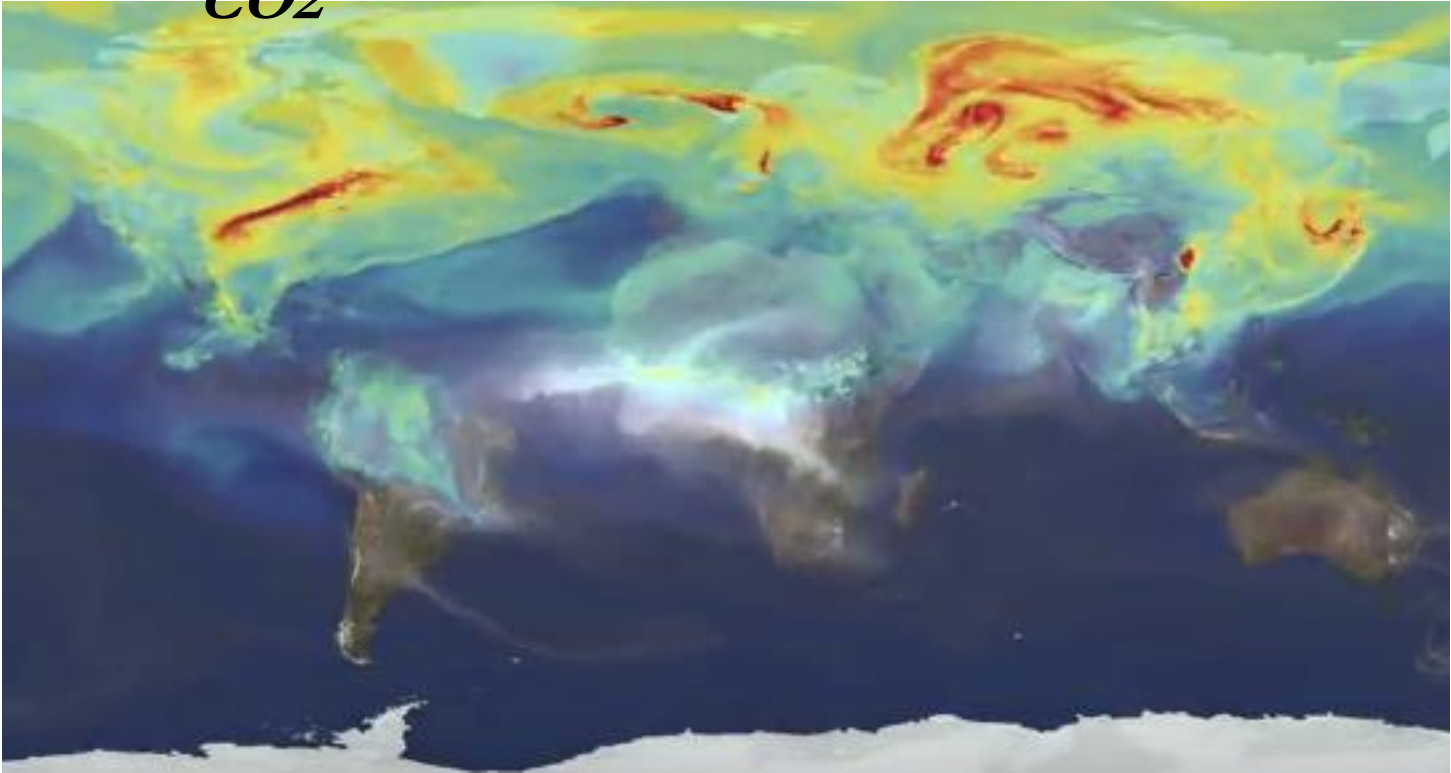


Session #4

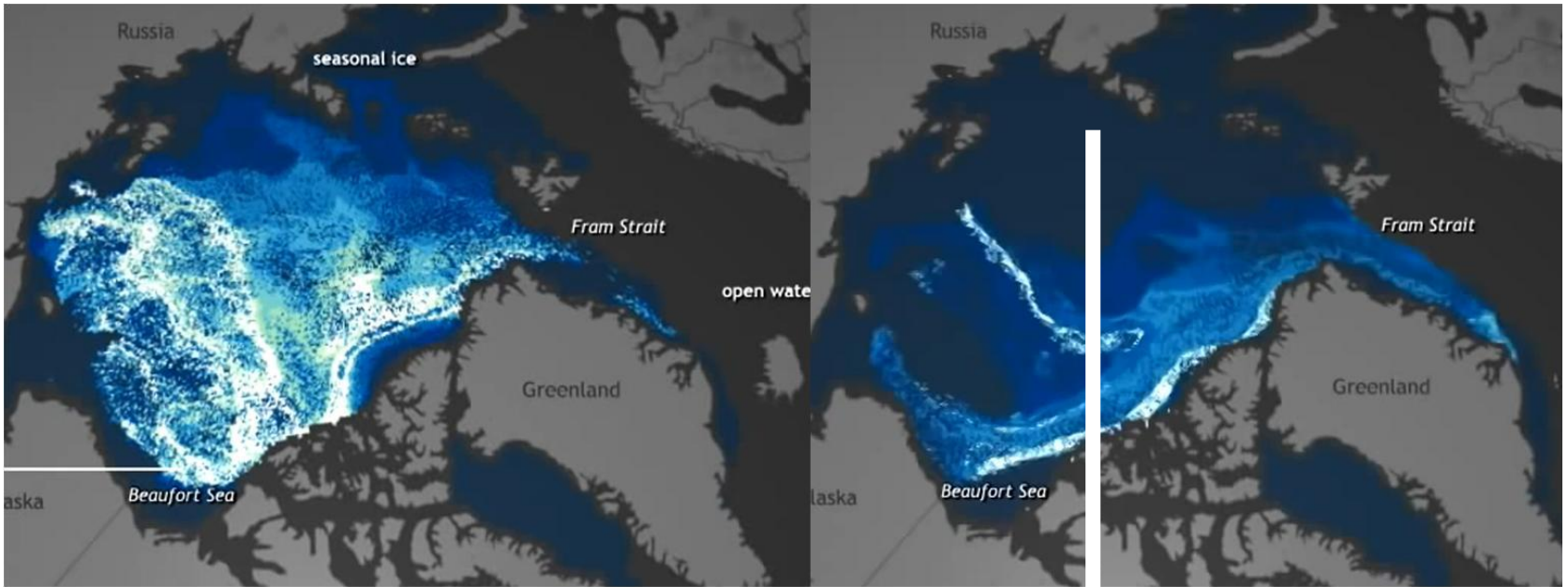
Climate Change & Peak Oil

mathieu.durrande@upf.edu

NASA / A Year in the Life of Earth's CO₂



https://www.youtube.com/watch?v=x1SgmFa0r04&feature=player_embedded



1987

EDAD DEL HIELO (AÑOS)

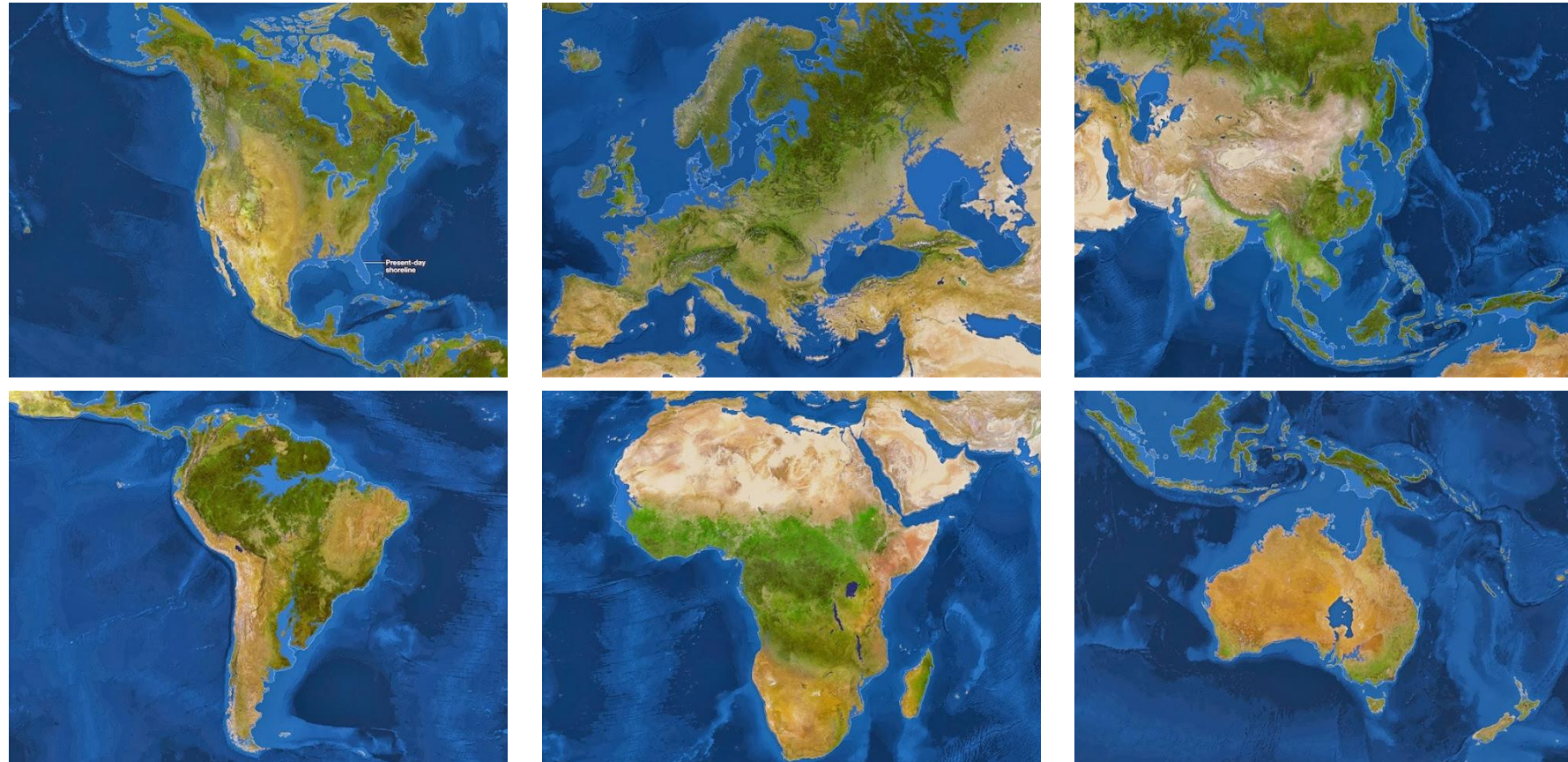
2013



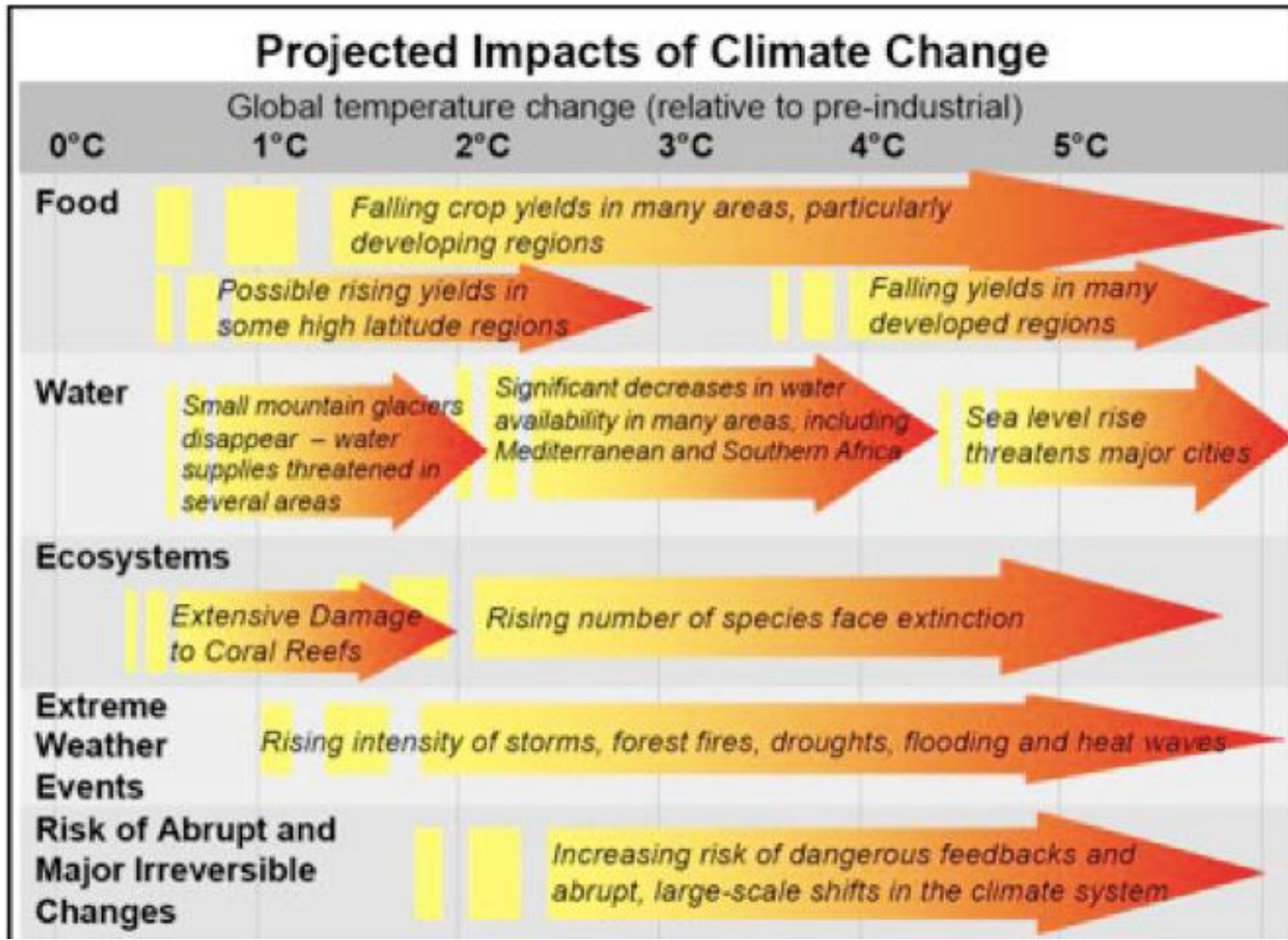
NOAA Climate.gov

https://www.youtube.com/watch?v=1_kddWsb4-Y

What the Earth would look like if all the ice melted

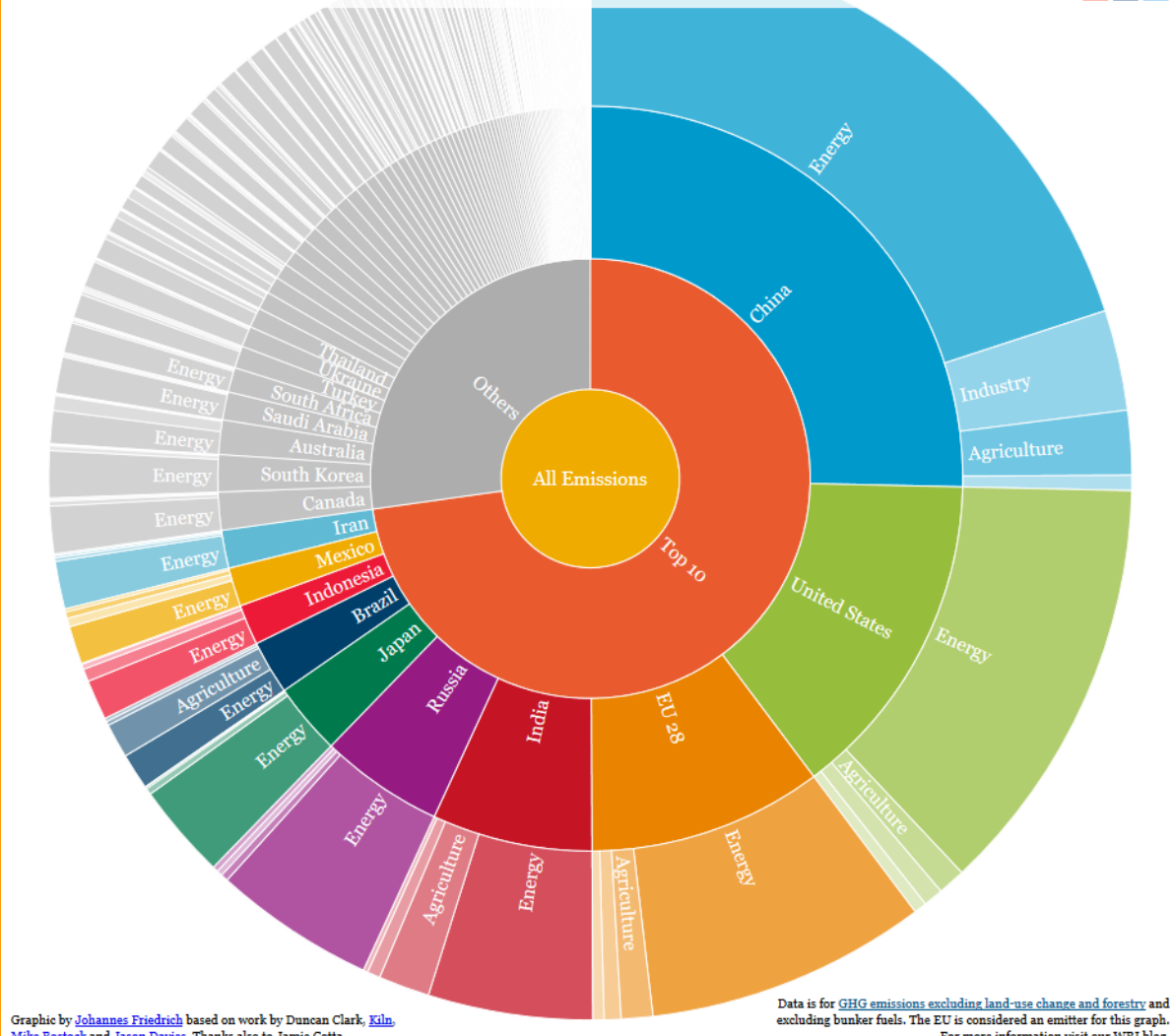


https://www.youtube.com/watch?v=VbiRNT_gWUQ



Global Top 10 Greenhouse Gas Emitters

In 2012, the top 10 GHG emitters accounted for more than two thirds of the global emissions total. Find the newest data on global greenhouse gas emissions on the [CAIT Climate Data Explorer](#).



- *10 countries represent 72 % emission of GHG*
- *6 out of 10 countries are developing countries*
- *The energy sector is the main source of GHG*

Graphic by [Johannes Friedrich](#) based on work by Duncan Clark, [Klin Mike Bostock](#) and [Jason Davies](#). Thanks also to [Jamie Cotta](#).
Data is for [GHG emissions excluding land-use change and forestry](#) and excluding bunker fuels. The EU is considered an emitter for this graph. For more information visit our [WRI blog](#).

Working Group #1

Class #7
Due date
Thursday Feb 2

Prepare your Smart Cities Cases Study, here few guidelines:

- ⊙ This a team work – Groups of 2 or 3 – Build your team!
- ⊙ Choose 1 city that you want to study on.
- ⊙ 10' Presentation – 7 slides Max (No compulsory) + 15' Leading discussion
- ⊙ Contents: Few questions and topics that need to be in your presentation
 - Why did you chose this city?
 - Rough facts & figures
 - Main sustainable challenges
 - Top 3 initiatives you really like!
 - What's missing to be your dreaming city?
 - What did you learn during this case study globally
 - Indicate Source of your research (Internet links, specific report, videos, others...)
 - ...
- ⊙ Prepare a Q&A or a practice of your choice with your classmates – Make it Playfull!
- ⊙ Post on FB some interesting findings

PROJECT MILESTONE 1

WHAT DO YOU WANT TO LEARN?

MILESTONE 1 – WHAT DO YOU WANT TO LEARN?

In 1 slide, write your suggestions for your Contents including for example

Dream: What do You want to achieve with this project?

Define SMARTA Objectives/ Strategies

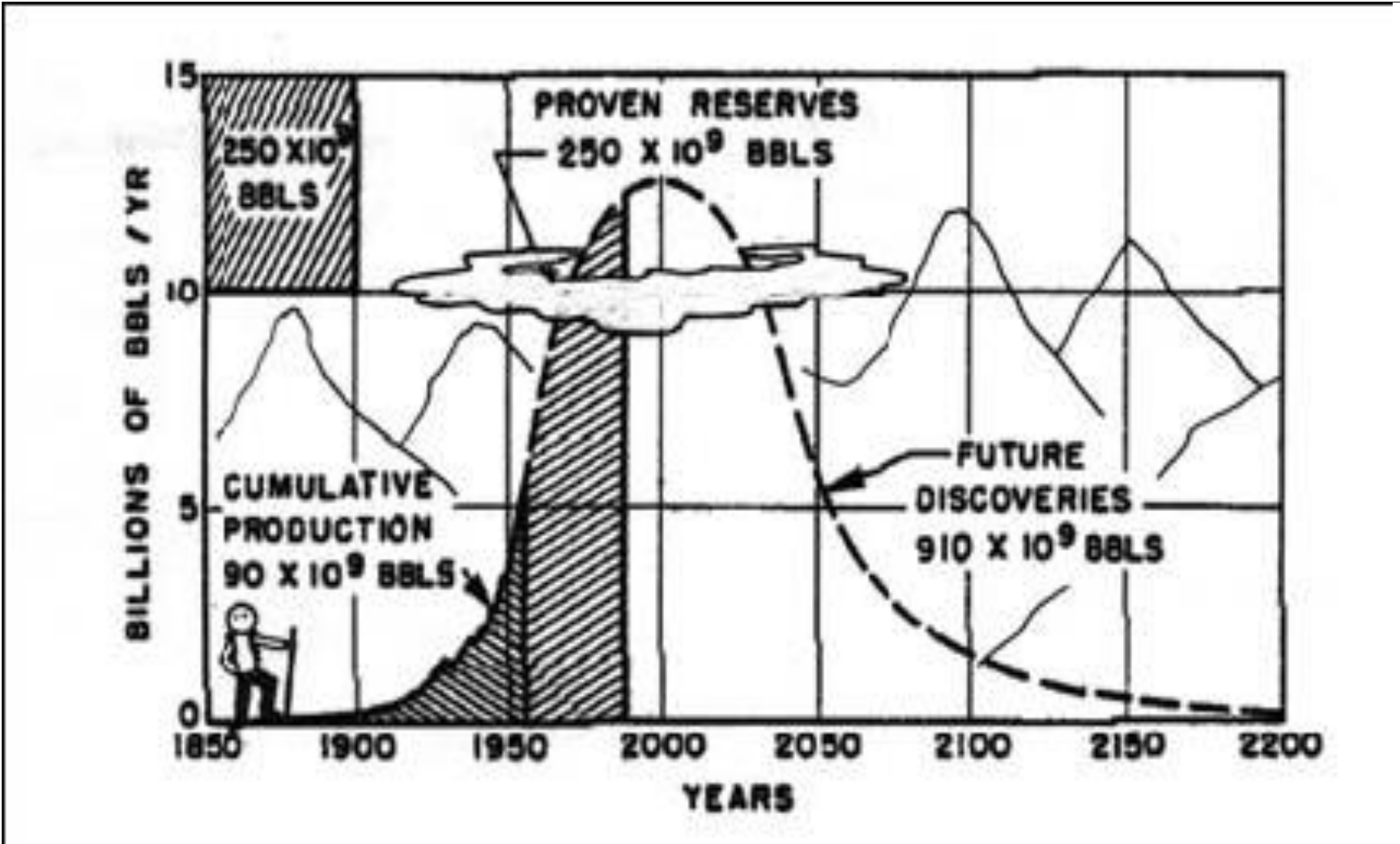
Specific concept/ topics you wish exploring

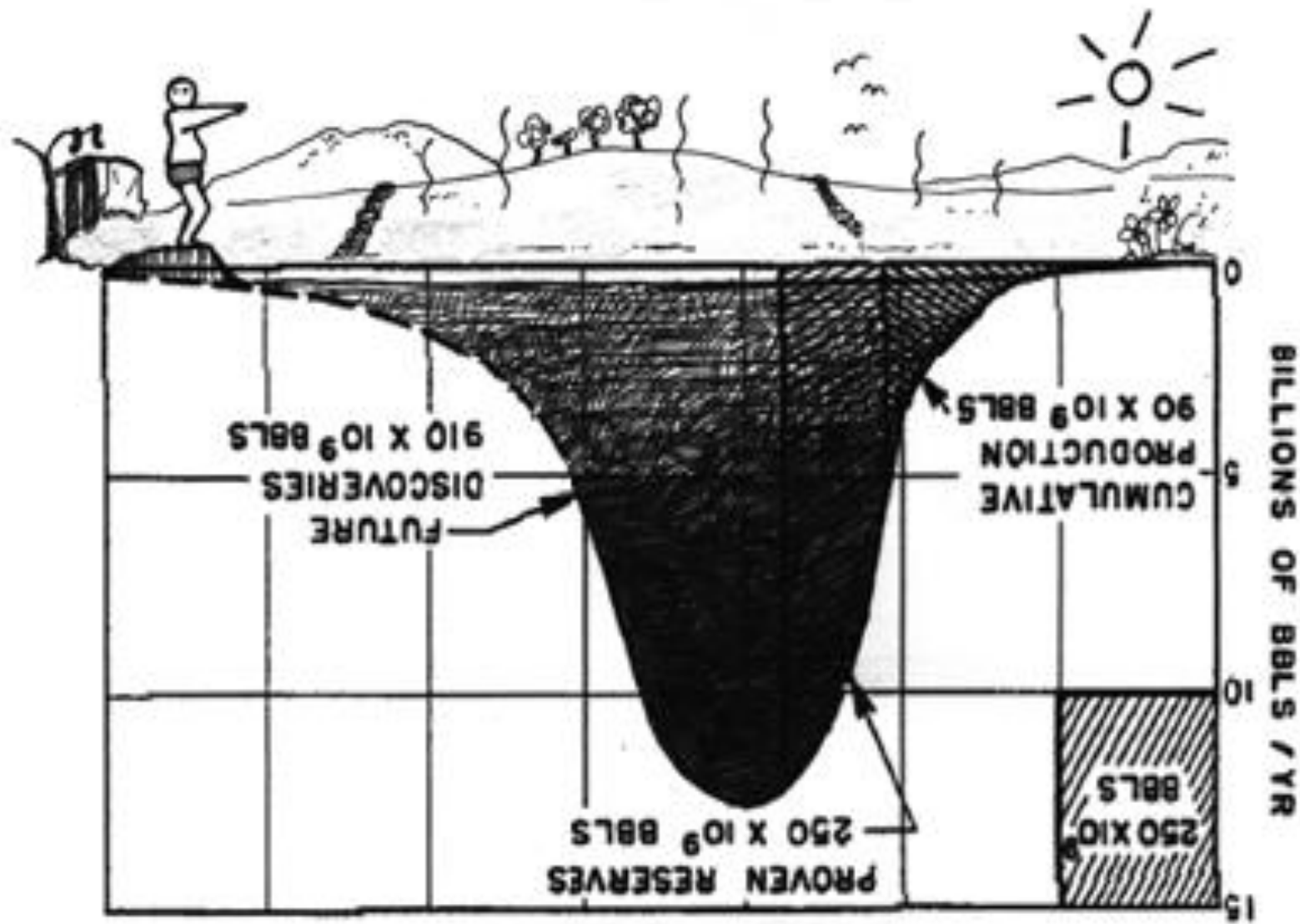
Examples/ case either society/ Business that will illustrate your learning

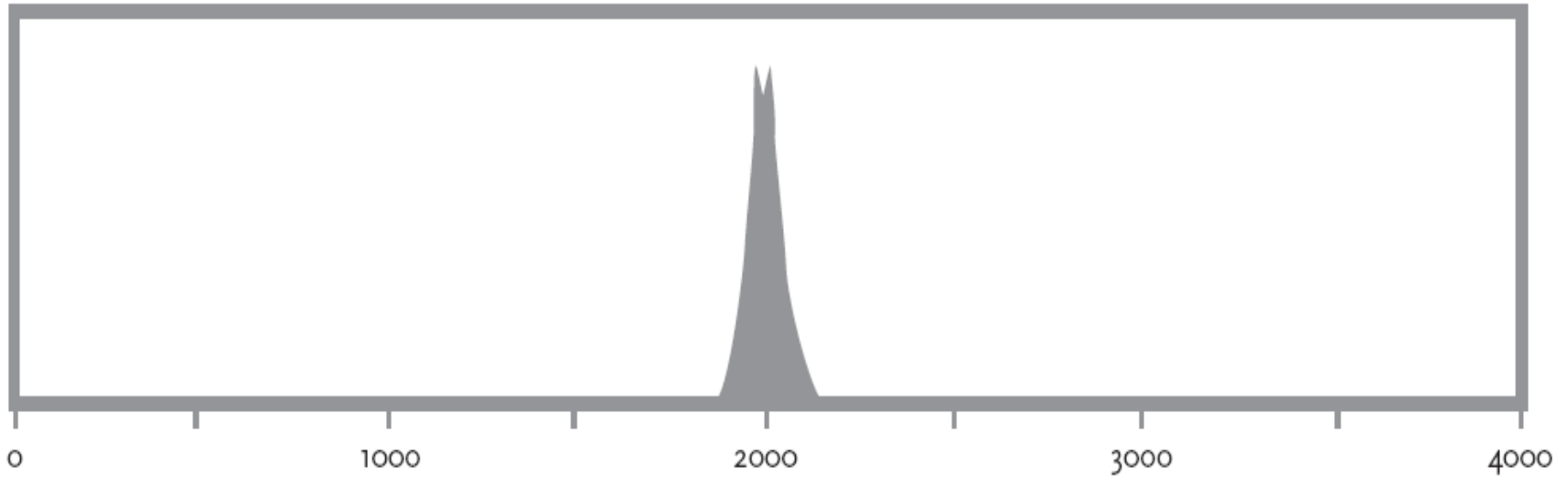
Questions you would like answers ...

It's a Team work and inclusive. Make sure everybody's voice is included. Then I'll give a feedback for each group.









Food for thoughts