



Exploring energy transition in the district of Kutch (Gujarat) in India

Siddhartha Dabhi
Exeter Business School
s.s.dabhi@exeter.ac.uk

“All ecological projects are simultaneously political-economic projects and vice-versa”.

David Harvey

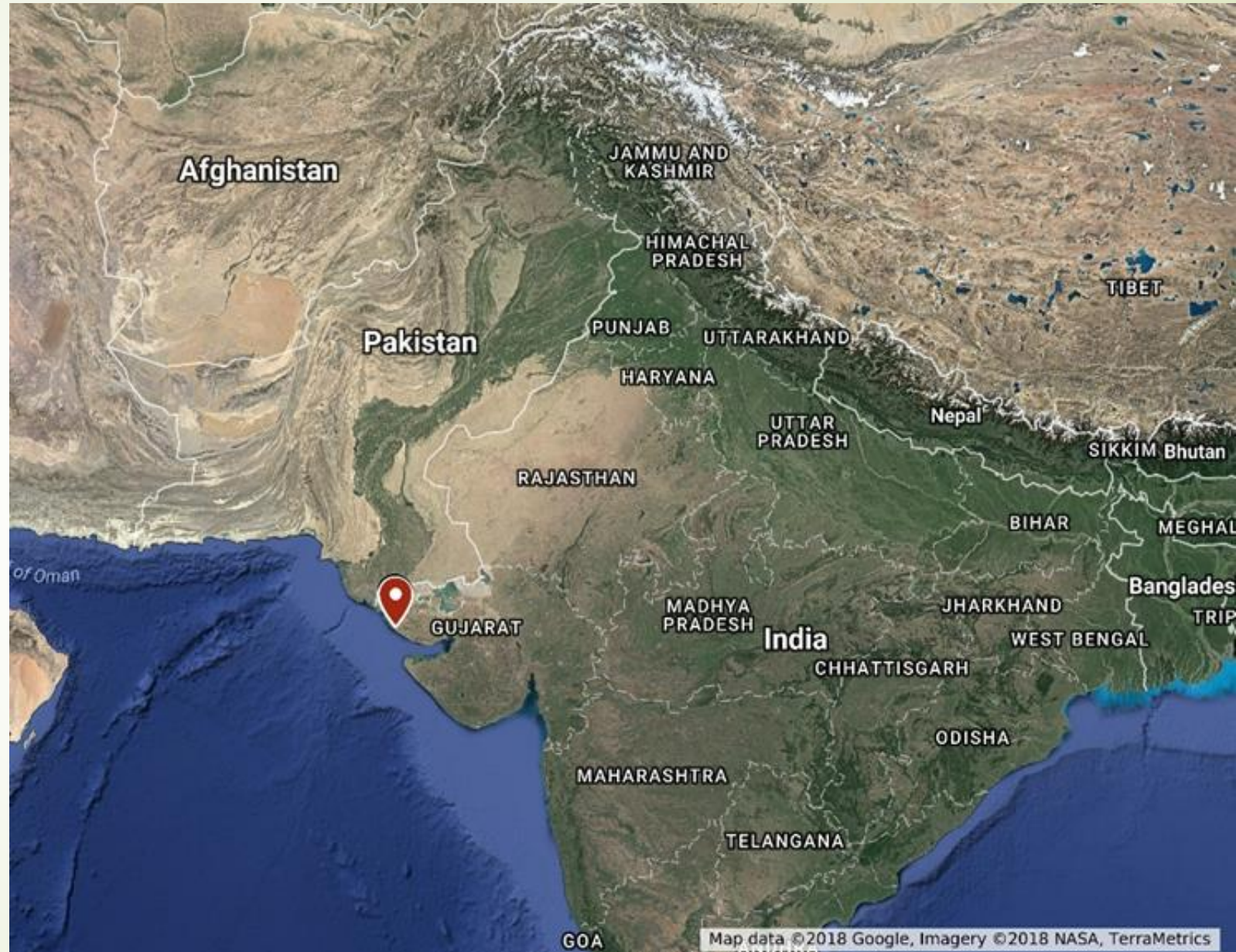
Some questions...

- What will energy transition entail on-ground considering its large spatial footprint?
- How will this transition impact rural communities?
- Will this be a ‘just’ transition?
- Who will organize this transition and how?

Field site...

Kutch, Gujarat

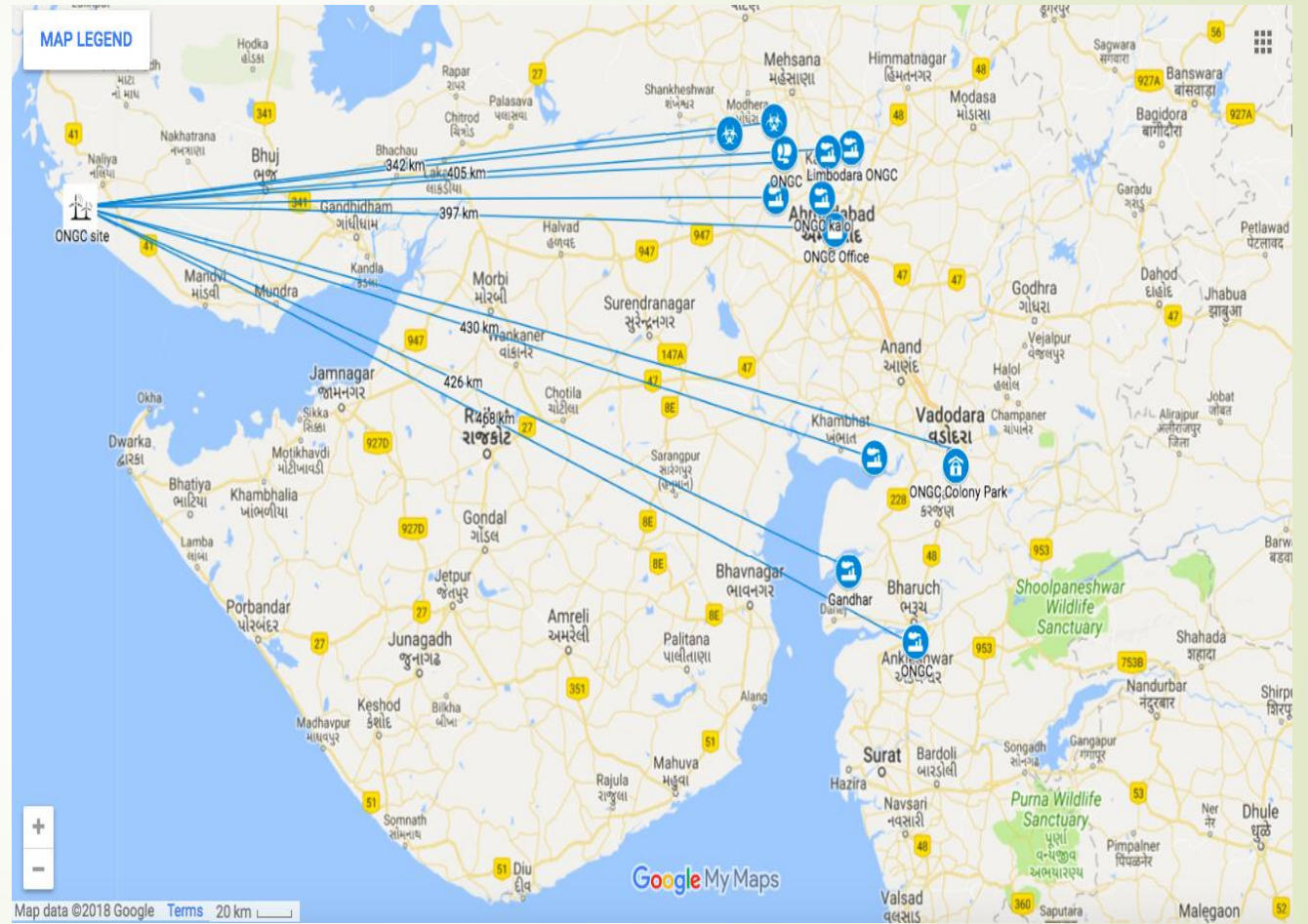
- Kutch is India's second largest district.
- It situated at the border of India and Pakistan.
- Rich Indo-Pak cultural heritage melts into the region of Kutch in form of folklore, music, embroidery and food.
- Semi-arid region prone to cyclical droughts.
- Kutch is known as a resort to many migratory bird species and also home to wide variety of birds, animals and plants; some of which are endangered or critically endangered.
- Pastoralism, fishing and dry-land agriculture main livelihoods.



Kutch district

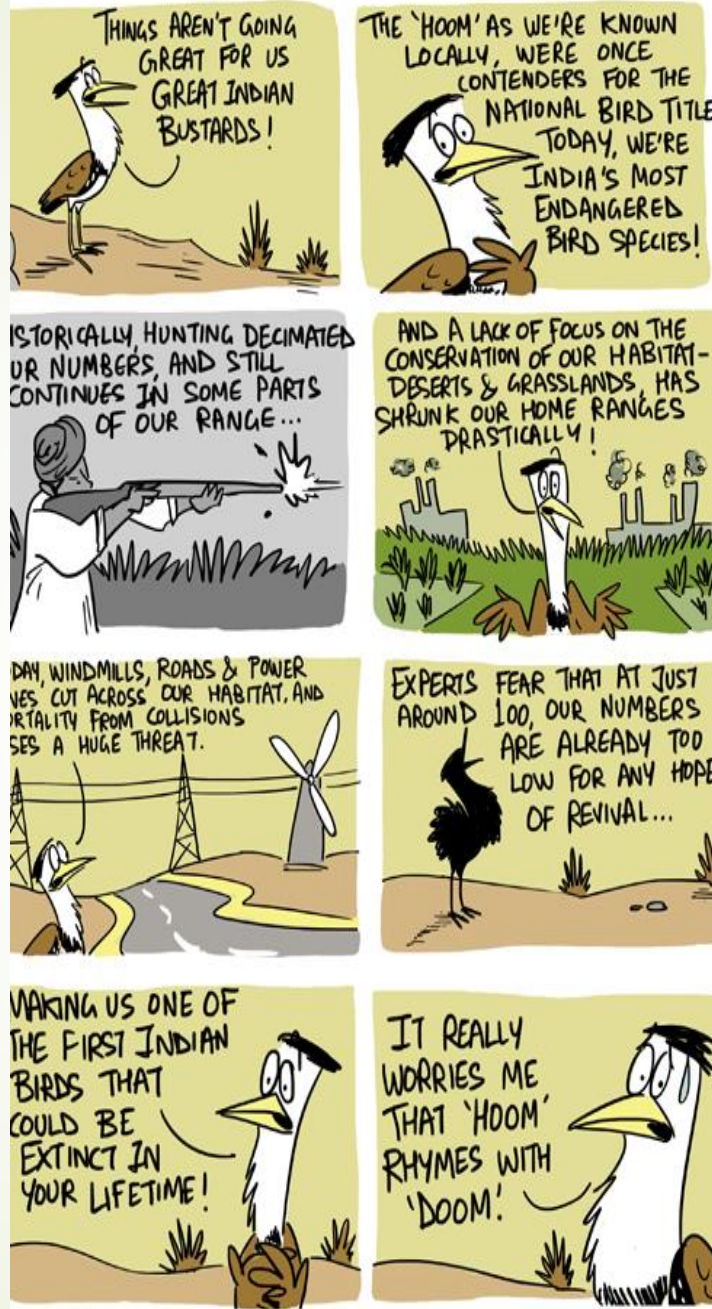


My study...
(please see Dabhi and Böhm,
2015)

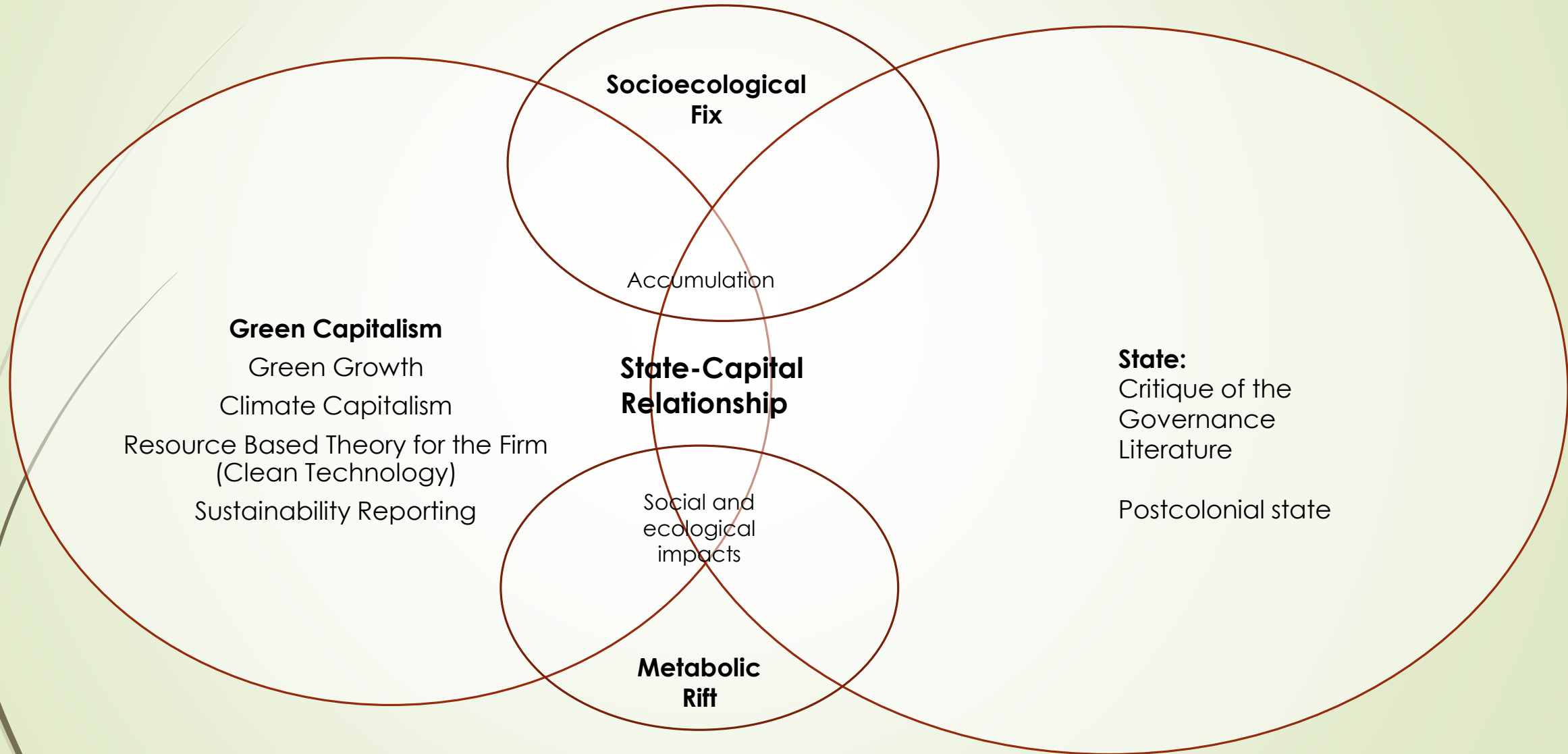


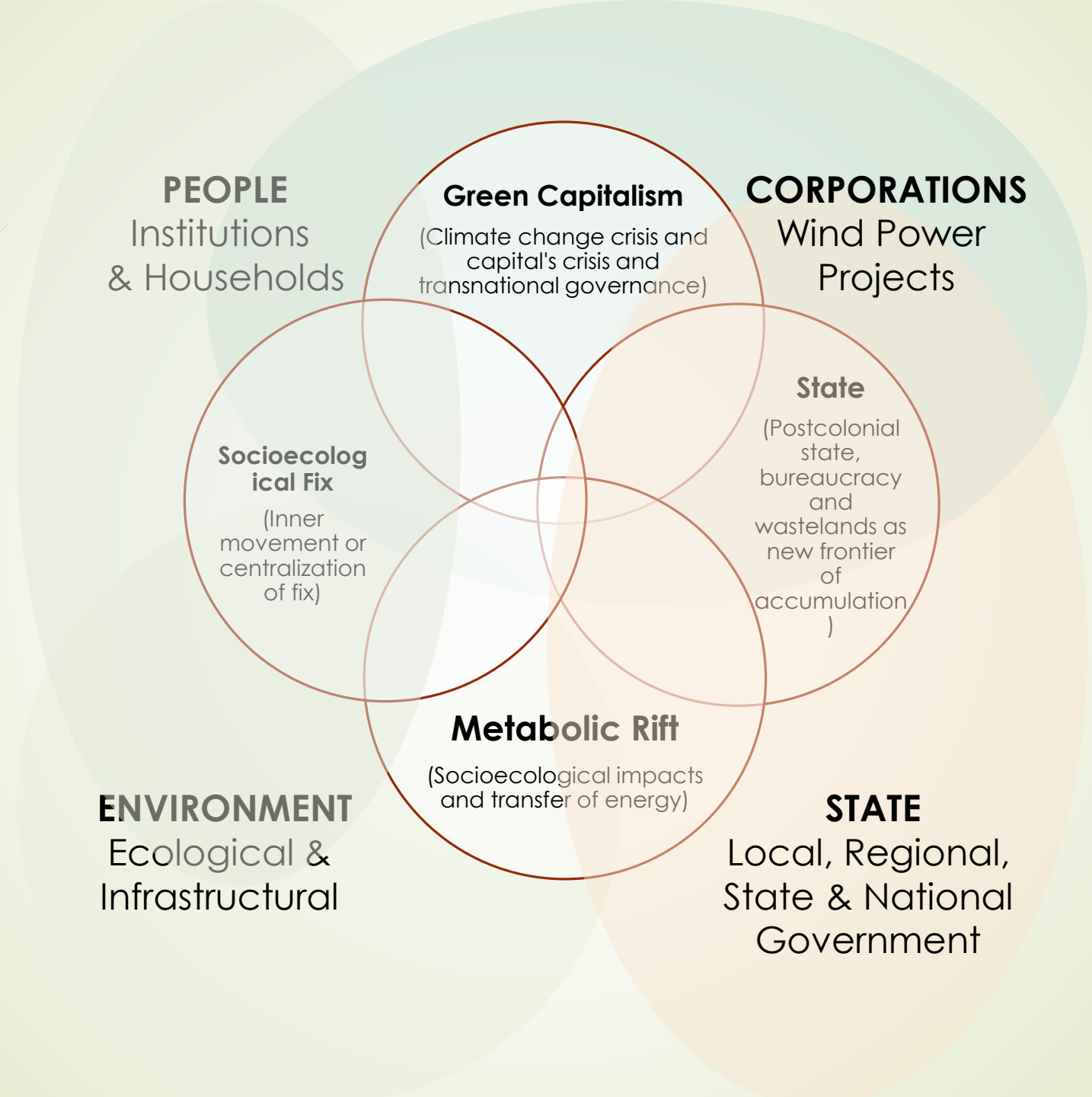
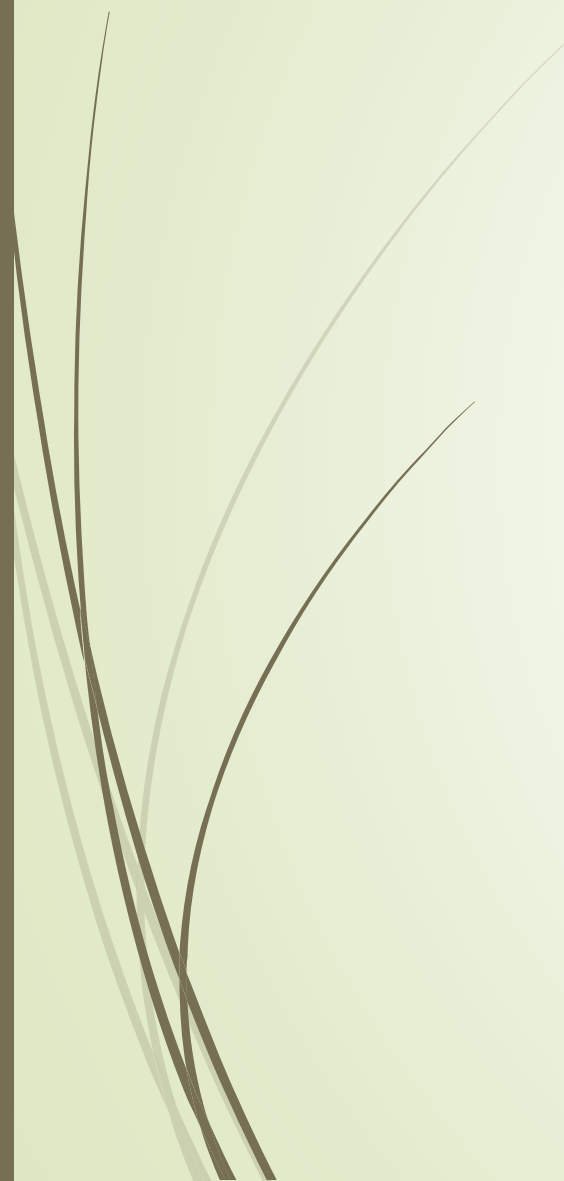
Two disconnected stories?

- Great Indian Bustard (GIB) is a critically endangered species. Wind farms built next to GIB sanctuaries.
- “Nothing grows where the oil spills, and standing crops die instantly”. - Dalsukh Hirabhai Venkat Jaidevpura in Kadi taluka of Mehsana district of Gujarat state in India.



Literature Review

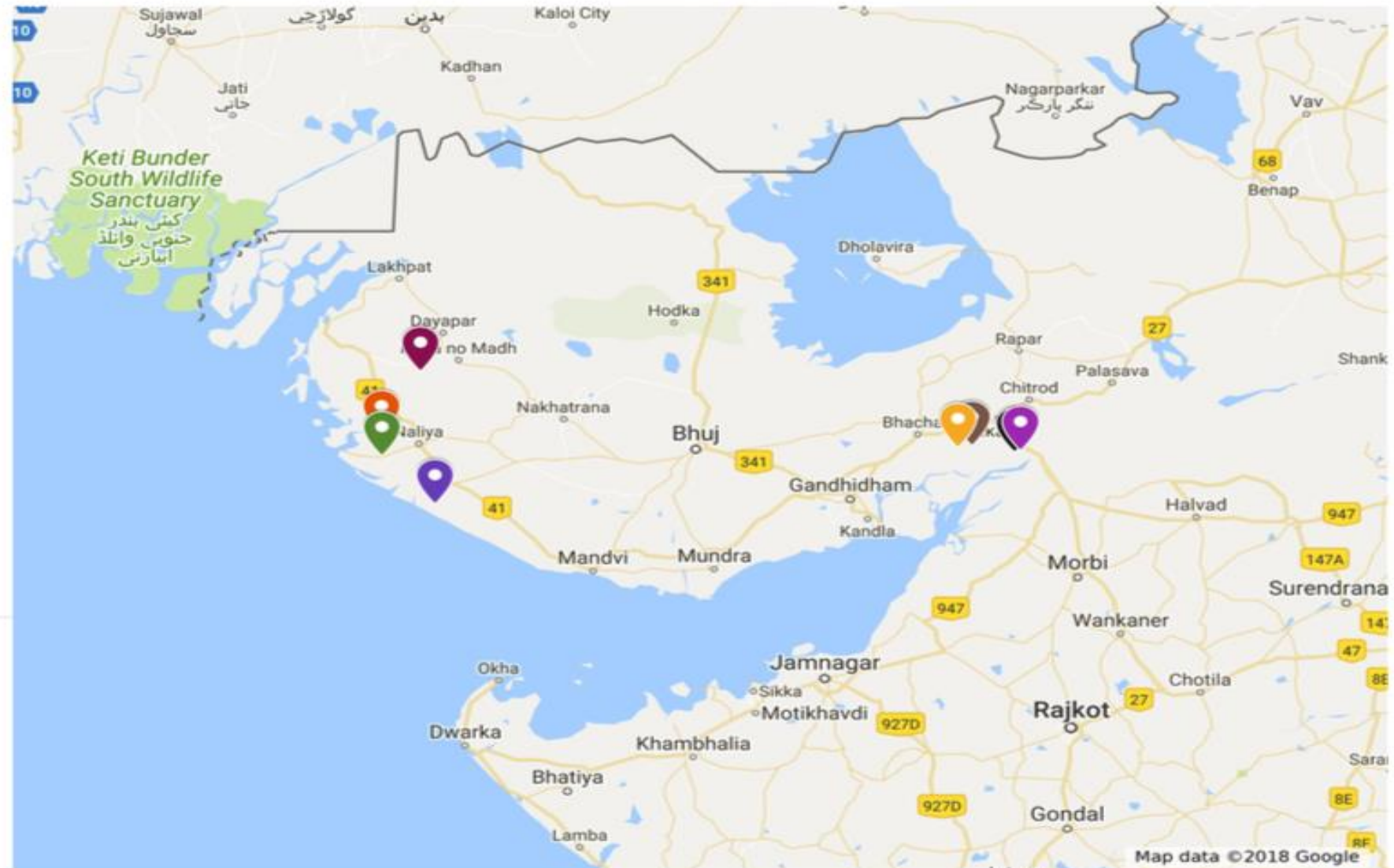




Wind Power Projects in Kutch

Map_4Oct.xlsx

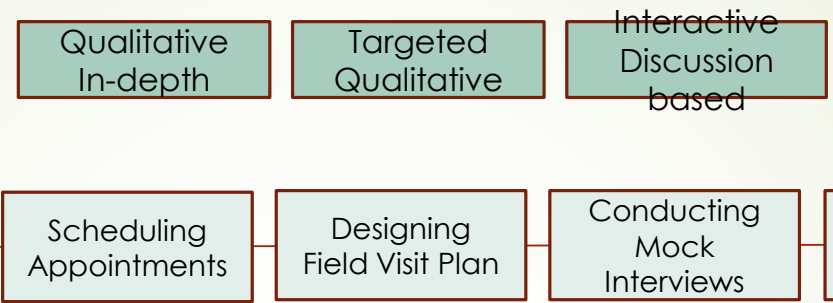
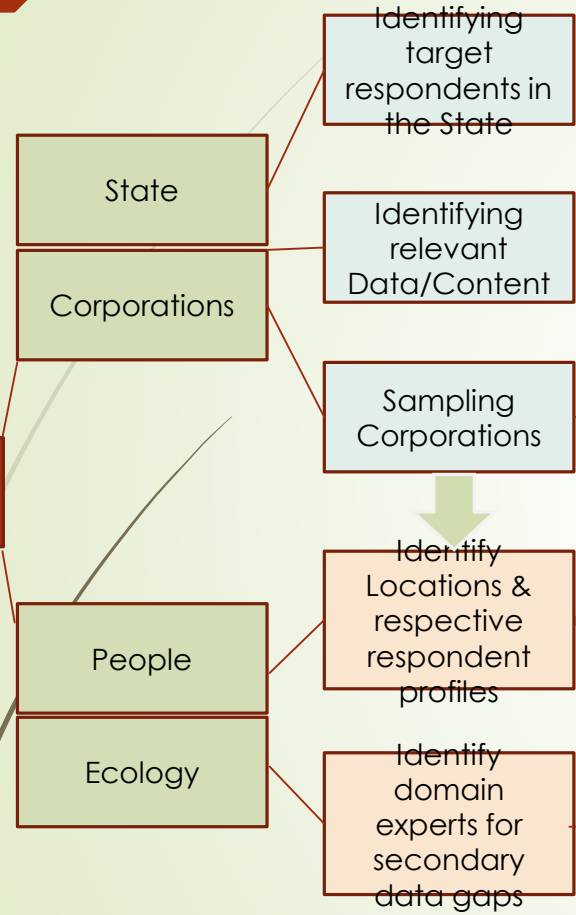
-  GNFC Ltd.(33 MW)
-  GP Wind Pvt.Ltd.(91MW)
-  Surajbari Windfarm Development Pvt. Ltd. (16.5MW)
-  Oil Corporation Ltd.(21 MW)
-  Jalaram Ceramics Ltd.(3MW)
-  Oil & Natural Gas Corporation(51MW)
-  KL Rathi Steels Pvt. Ltd. (1.5MW)
-  DLF Ltd.(150MW)



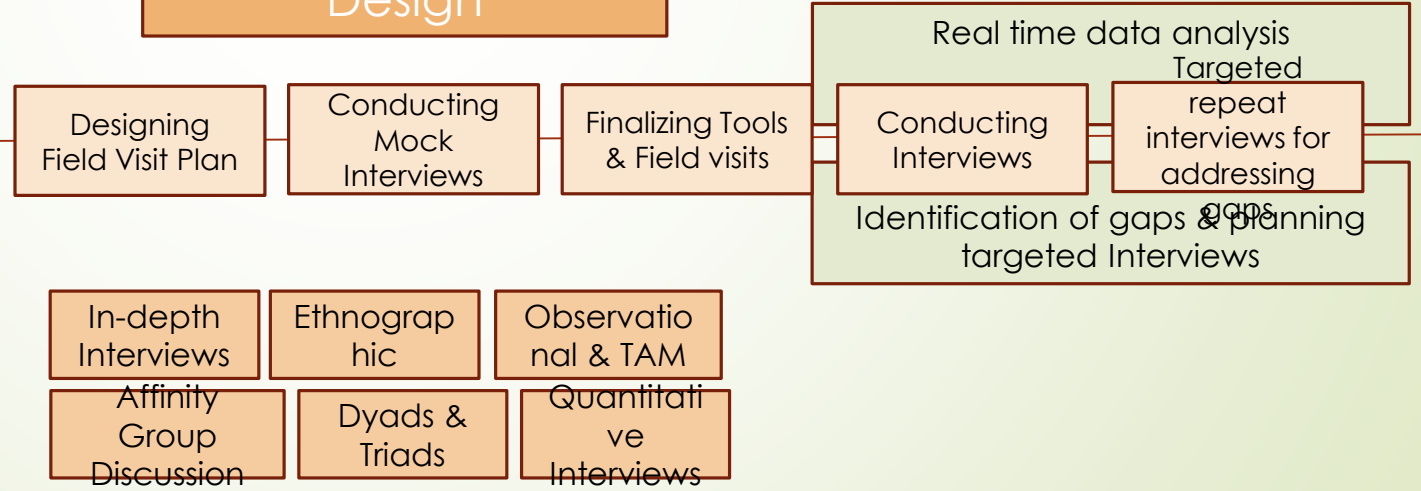


Research Tool Design

Research Design

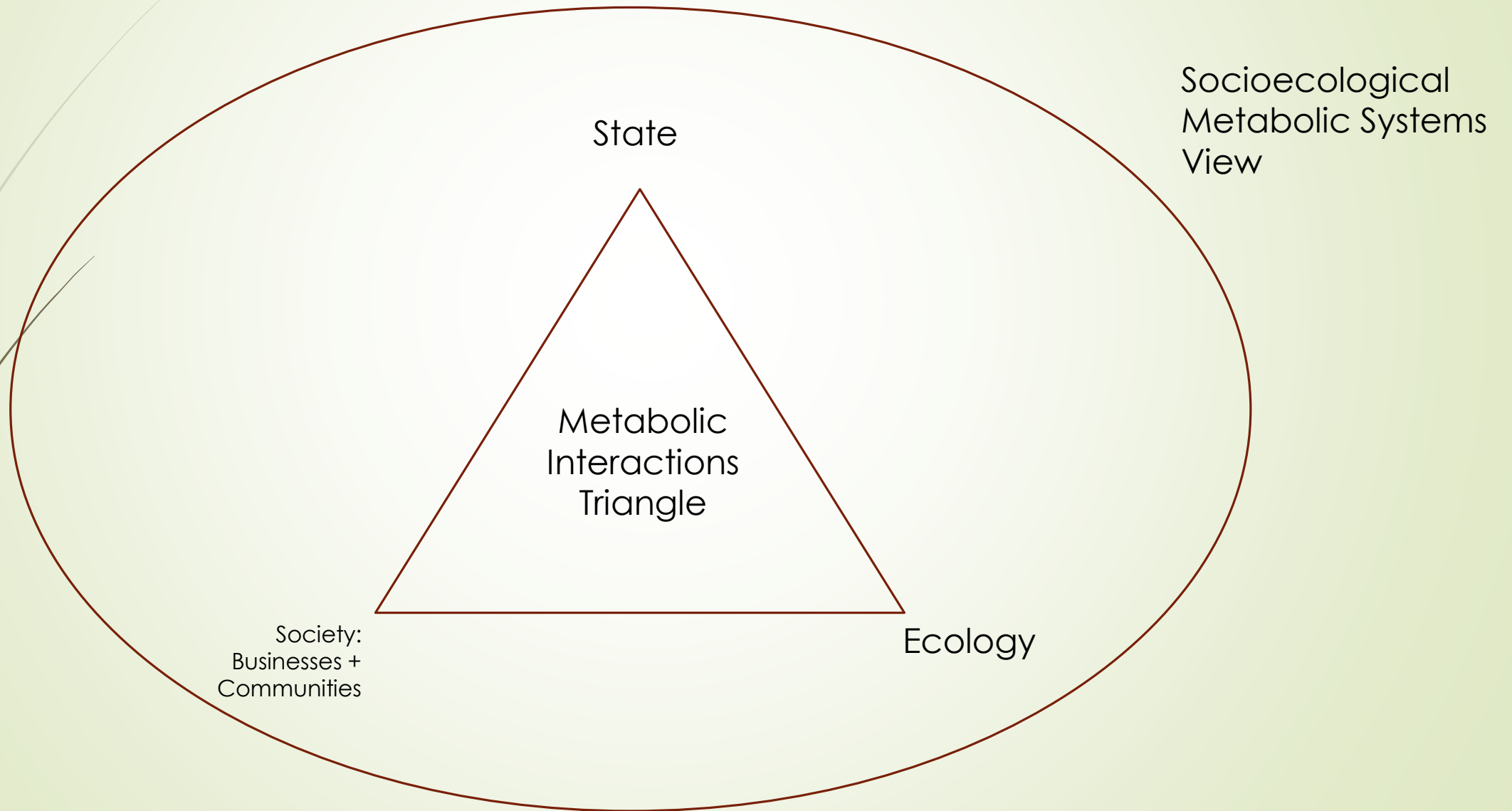


Research Tool Design



-Data Validation - Analysis - Interpretation

Understanding the Transition





Thank you!

Looking forward to your questions, comments and feedbacks....