

# Local Low Carbon Industrial Strategies

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1

Context & Motivation

2

Research Process

3

Results

4

Next Questions

# 1

## Context & Motivation

- Clean Growth Strategy (October 2017)
- Industrial Strategy (November 2017)
- Amendment to Climate Change Act for a net-zero target (June 2019)

*“I want to ... underline the enormous industrial opportunity for us that is emerging from the global transition to a low carbon economy - and how it will benefit us right across the UK.”*

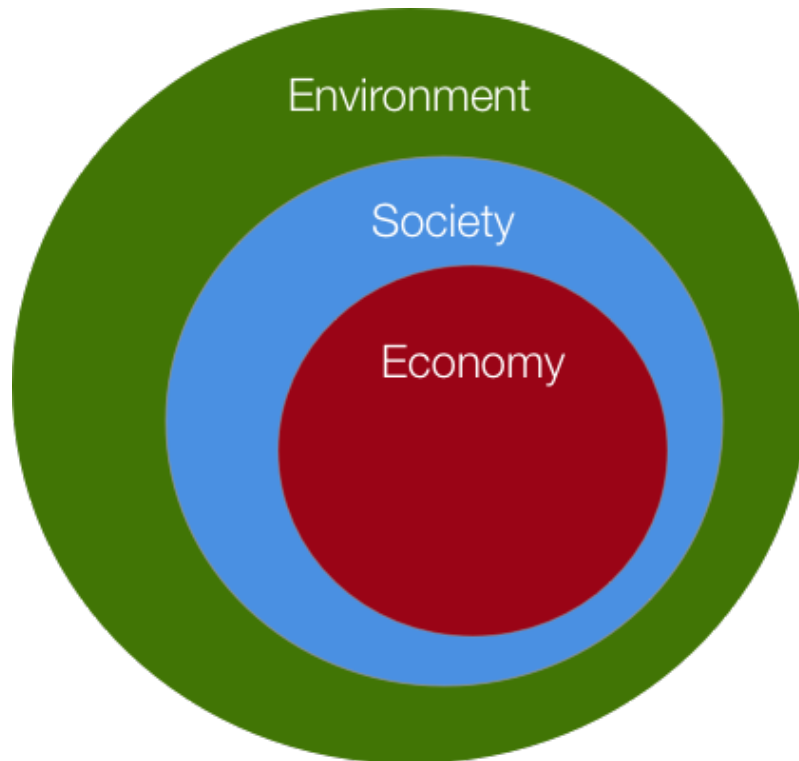
- Claire Perry, Minister of State for Energy and Clean Growth, 2017

*“a new approach to government ... stepping up to a new, active role that backs business and ensures more people in all corners of the country share in the benefits of its success”*

- HM Government, 2017

# 1. Theoretical Framing

Ecological Economics + neo-Schumpeterian Economics



# 2

## Research Process

- Case studies
  - Interviews with stakeholders in Humber region and Styria
- Knowledge exchange
  - Workshop between practitioners in Humber region and Styria
- Policy co-creation
  - Secondment to the West Yorkshire Combined Authority



## ① Strategic objectives for low carbon industrial strategies

- Promote innovation in low carbon technologies, business models and practices
- Action to manage energy demand as well as supply
- Enable flexibility for systemic change

## ② Five elements for designing policy

- Defining and enabling low carbon industrial missions
- Creating markets with demand-pull
- Shaping markets by identifying opportunities and rewarding success
- Stimulating investment
- Embedding learning approaches in governance

3

Low-carbon industrial development does not decarbonise industry

- Policy is focused on industrial development
- The Climate Emergency also requires sunseting strategies
- Just Transition – vested interests mobilise dependent communities



## 4 Intermediary Organisations

- Important functions for innovation ecosystems
- New: formal cluster organisations and climate commissions
- Existing: re-orienting from 'declining' industries
- No evidence of sunseting functions

# 4

## Next Questions

- 1 Does the reorienting of intermediaries away from fossil industries contribute to sunseting?

  - Undermining social licence & political influence?
  - Providing routes for Just (job-to-job) Transitions?
- 2 Do climate intermediaries have the needed transformational potential?

  - Partners are often anchor institutions
  - Reflexive 'radicalisation' of institutions?

# Thank You!



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