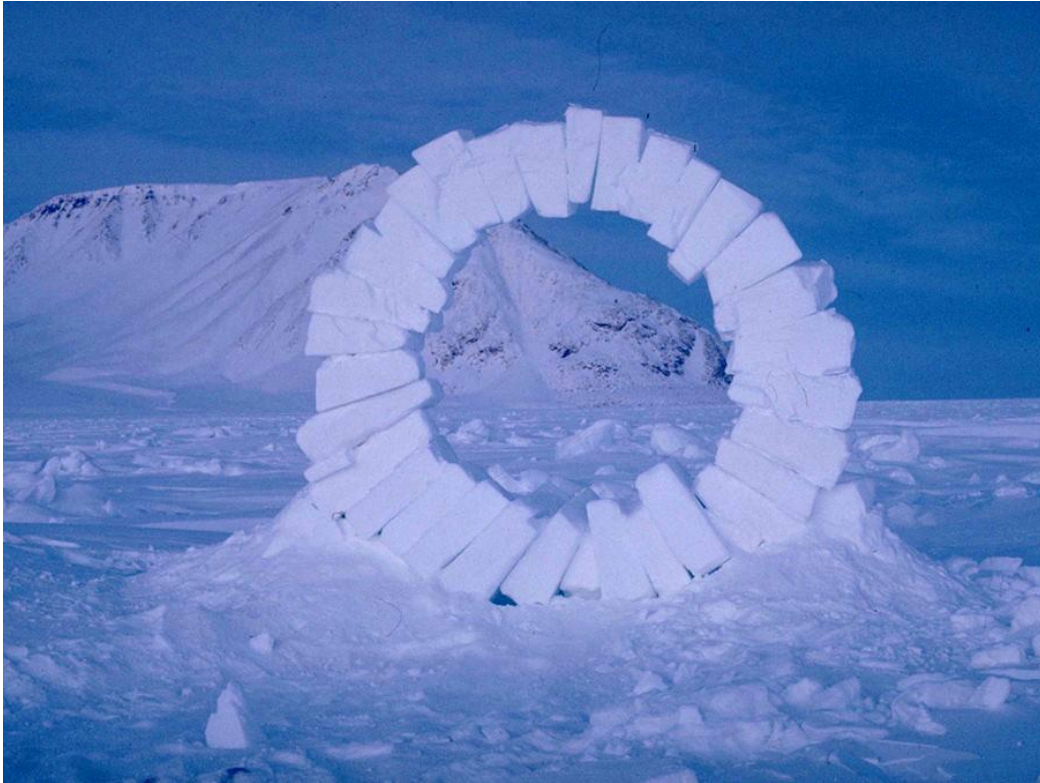


# Transition to Low-Carbon Heat

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# Vision for a coordinated transition



Ensuring an efficient transition to low-carbon heat needs a co-ordinated plan.

This brings together many aspects, including industry, local and national governments, regulation, the public, energy companies. Many are ERP Members.

The alternative will be much more expensive, with duplication of effort.

*Andy Goldsworthy, Touching North, 1989*

# Where are we now?



Many parties operating independently with little joined up thinking or recognition of the challenges.

This project aims to lift the fog and help create a collective view of what needs to be done to enable the transition and give confidence to industry investment.

# Key aspects of the transition

## R&D and trials

- Need for RD&D – e.g. BEIS funding £25M for hydrogen
- Coordinated, public-private research
  - e,g, UK Building Performance Network
- Inform critical decisions in early 2020s

# Key aspects of the transition

## 1. Timing and roadmap

- Decisions in early 2020s
  - CCS <--> Hydrogen
  - Heat pump support

## 2. Governance framework

- Local / national interactions
- Regulations
- Financing – business models
- Geographic constraints and decision making
- Interaction with transport, industrial energy and electricity system

## 3. Engage with public

## Heat project

### Original timetable

- Report to Plenary in July 2017
  - May-June: test findings at workshops and meetings
  - Develop a road map for heat
  - Build consensus

## Next steps

### Option 1:

- Prepare report for end of June – 60% of original plan
  - Highlight gaps for future work

### Option 2:

- Extend the project to October – 90% of original plan
  - Organise meetings to test and promote findings
  - Develop ideas for further coordination