



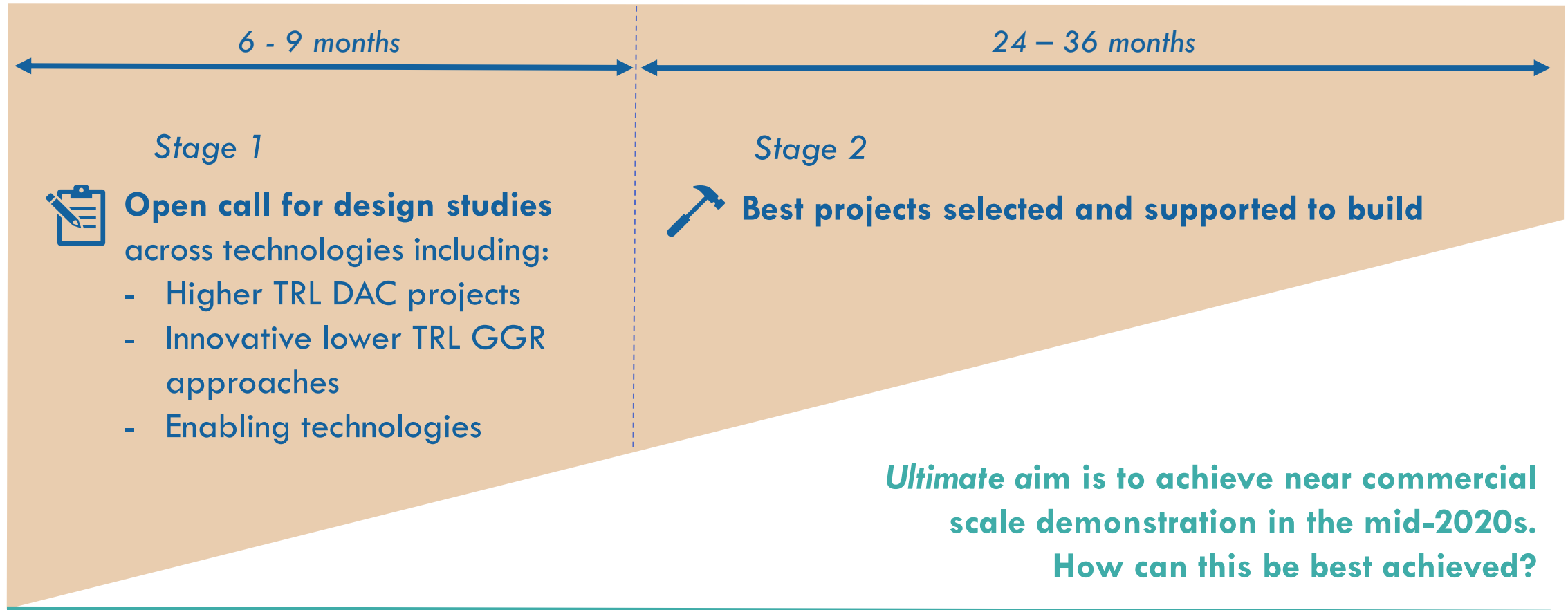
# INTRODUCTION TO THE COMPETITION

Department for Business, Energy  
and Industrial Strategy

Cathy Johnson

September 2020

# Proposed model



# Innovation needs to be addressed

## Stage 1

- Show how cost and/or scale of end-to-end GGR process can be improved
- **Or** show how part of a GGR process can be improved
- **And** feasibility study to establish suitability and potential scale of chosen approach in the UK

## Stage 2

- Will build on stage 1 projects
- To be defined in the light of bids received in Stage 1

# Eligible Technologies

## In-scope

- Direct Air Capture
- BECCS
- Biochar
- Enhanced weathering
- Removal from seawater
- Non-CO<sub>2</sub> gases
- And others which meet criteria

## Out-of-scope

- Afforestation
- Ocean-based methods which would contravene London Convention/London Protocol, and which would be impossible to verify

# Proposed criteria for appraising bids

## Stage 1

- Applicability of proposed GGR in UK
- Potential of proposed GGR to deliver removals at MtCO<sub>2</sub>e scale
- Ability of bidder to deliver complex engineering projects
- Programme Management skills
- Cost

## Stage 2

- Potential environmental impacts are identified and are acceptable
- Project is technically deliverable
- Sufficient technical detail of high quality provided
- Proposal demonstrates cost of GGR and route to cost reduction
- Proposal improves reliability of GGR technology
- Proposal scales GGRs in UK