

The background features a series of four horizontal, trapezoidal shapes in varying shades of blue, stacked vertically. A thin white vertical line runs down the right side of the image, passing through the top of the text.

# **SOUTH WEST HUB**

CARBON CAPTURE STORAGE

- DEPARTMENT OF MINES AND PETROLEUM
- VERVE ENERGY
- ALCOA AUSTRALIA
- PERDAMAN CHEMICALS AND FERTILISERS
- GRIFFIN ENERGY
- PREMIER COAL
- RESEARCH PARTNERSHIP:
  - WA:ERA (Western Australian Energy Research Alliance) a collaborative arrangement between University of Western Australia, Curtin University and the CSIRO



# SOUTH WEST HUB OBJECTIVE

The South West Hub Project will enable major industry to make commercial decisions on CCS technology for future projects.

## DEPARTMENT OF MINES AND PETROLEUM

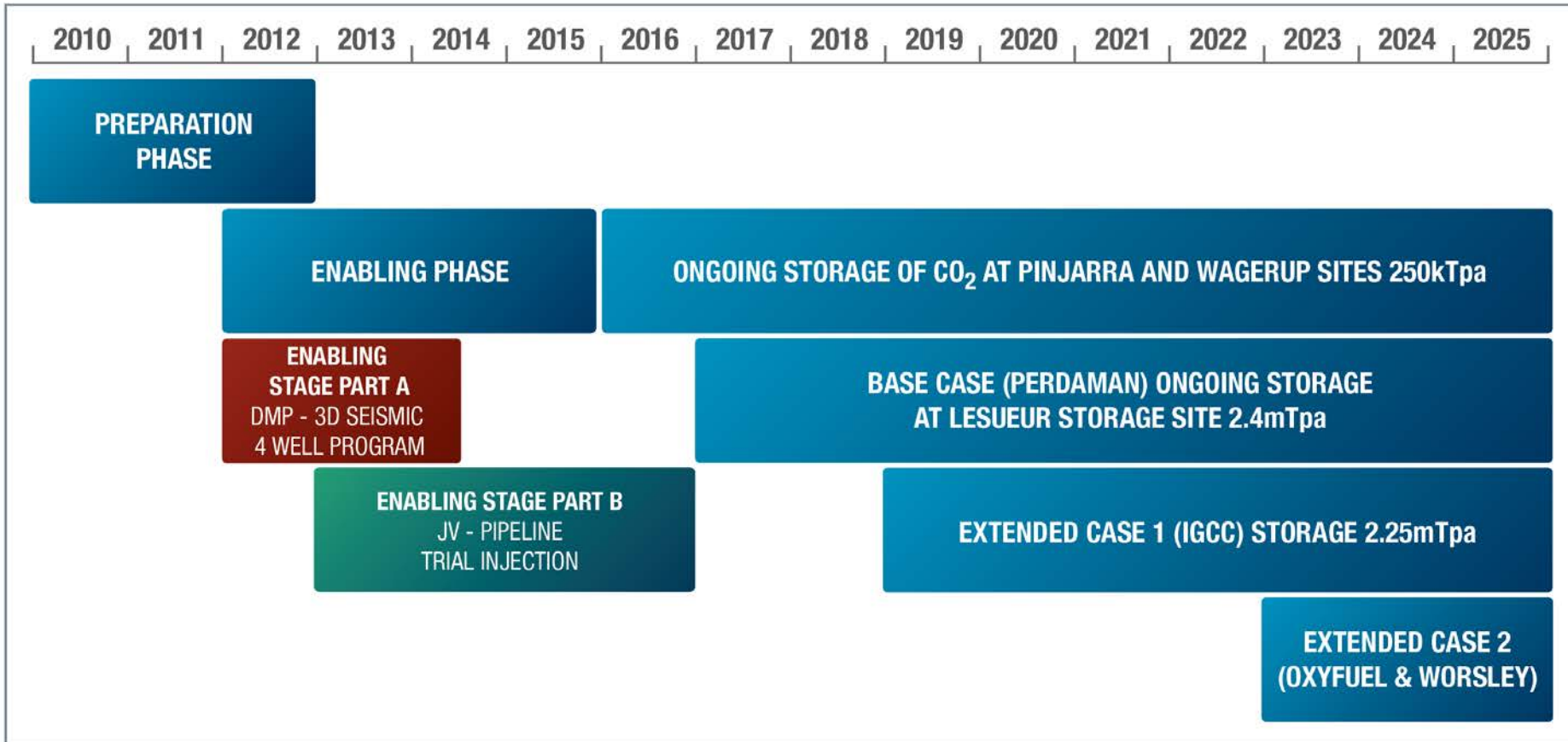
Will facilitate and manage early stage activity including the provision of detailed geological information, the establishment of research capability, commencing baseline data acquisition and establishing community consultation processes thereby enabling the Joint Venture to take over the development of CCS in the South West.

## SOUTH WEST HUB JOINT VENTURE

Will develop a structure incorporating CO<sub>2</sub> transport and storage that encourages participation from commercial operators, allows third party access to infrastructure and provides the confidence to enable the JV Partners to make decisions on CCS Technology for future projects

# TIMEFRAME

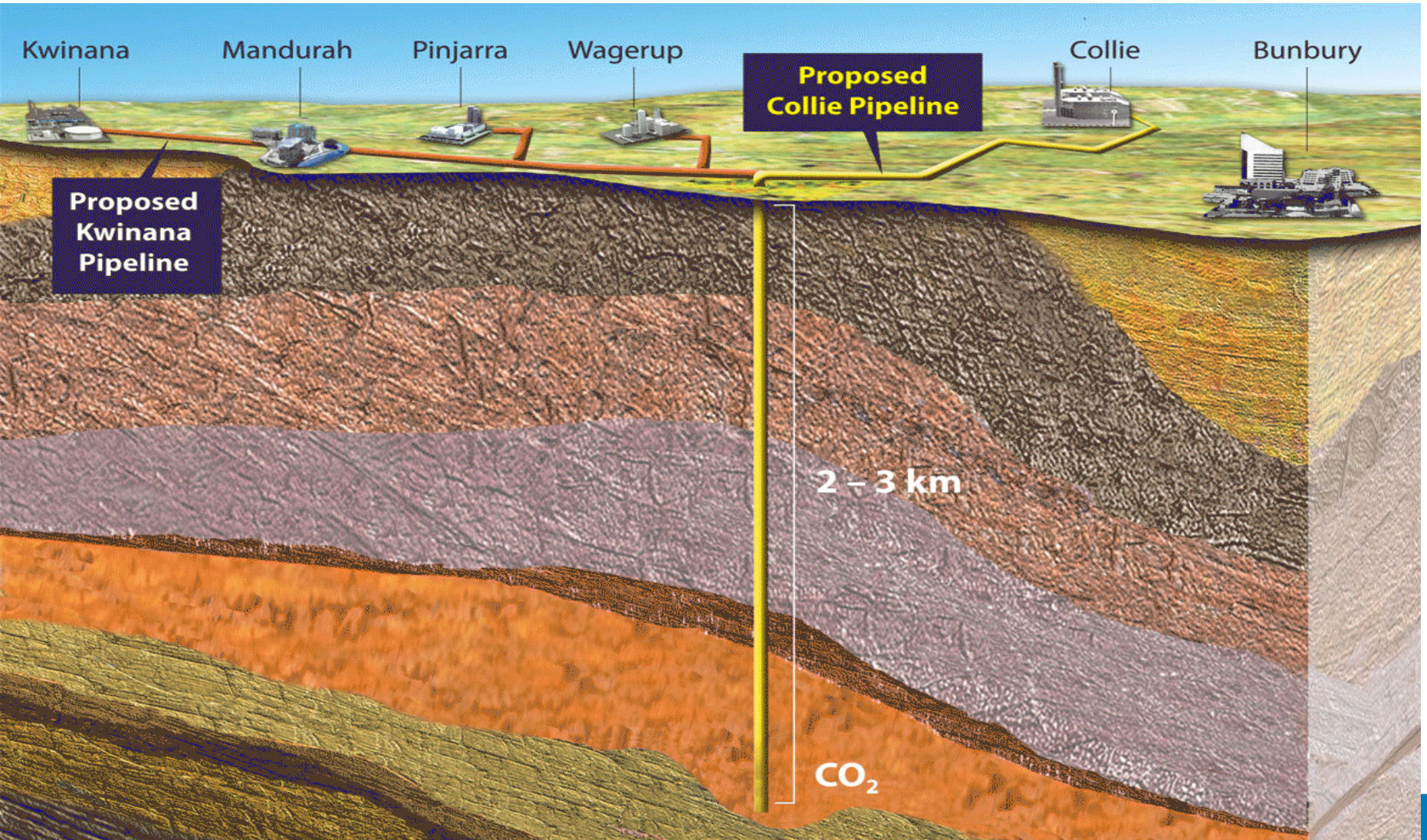
## CONCEPT DEVELOPMENT PLAN



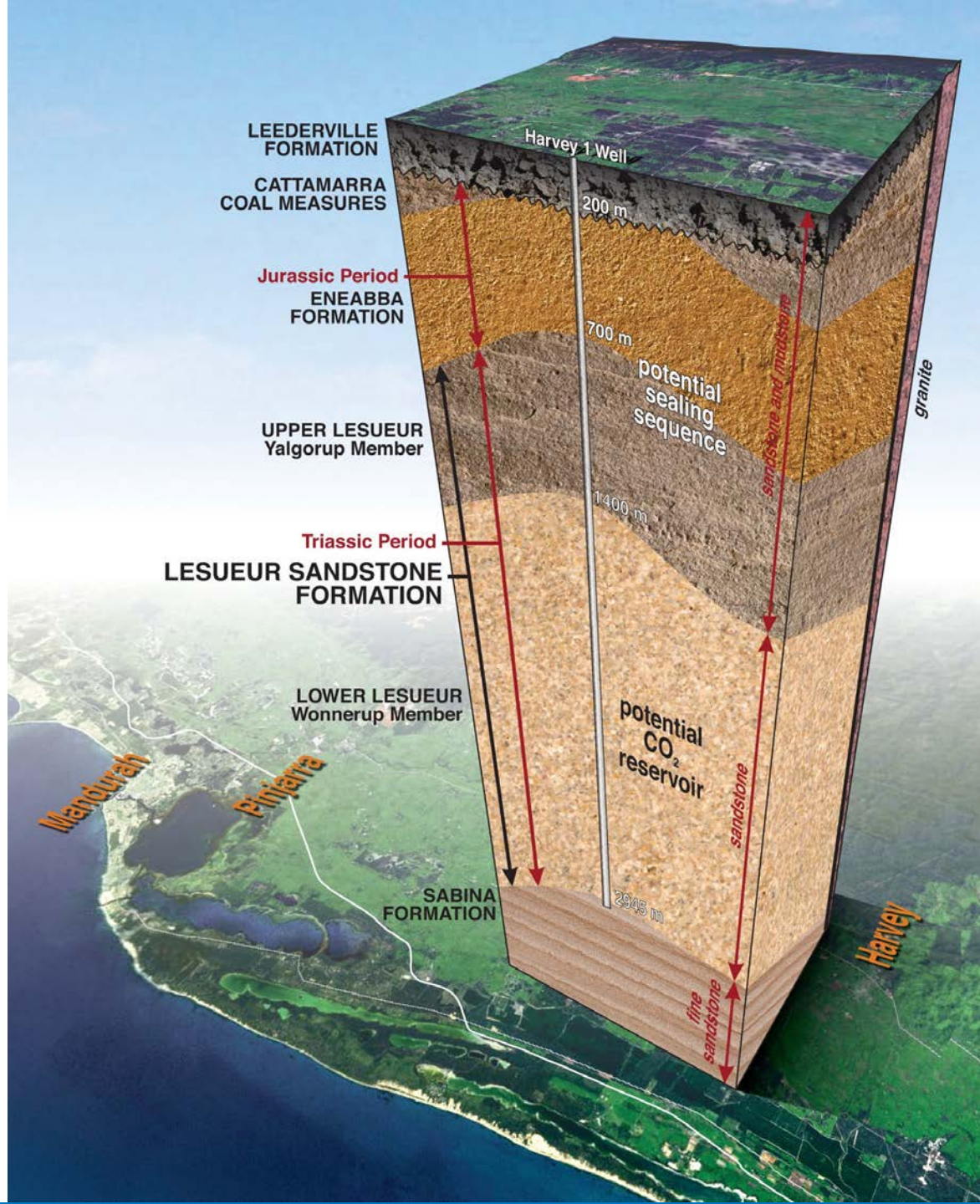


# HOW IT WILL WORK

## SOUTH WEST HUB CARBON CAPTURE STORAGE



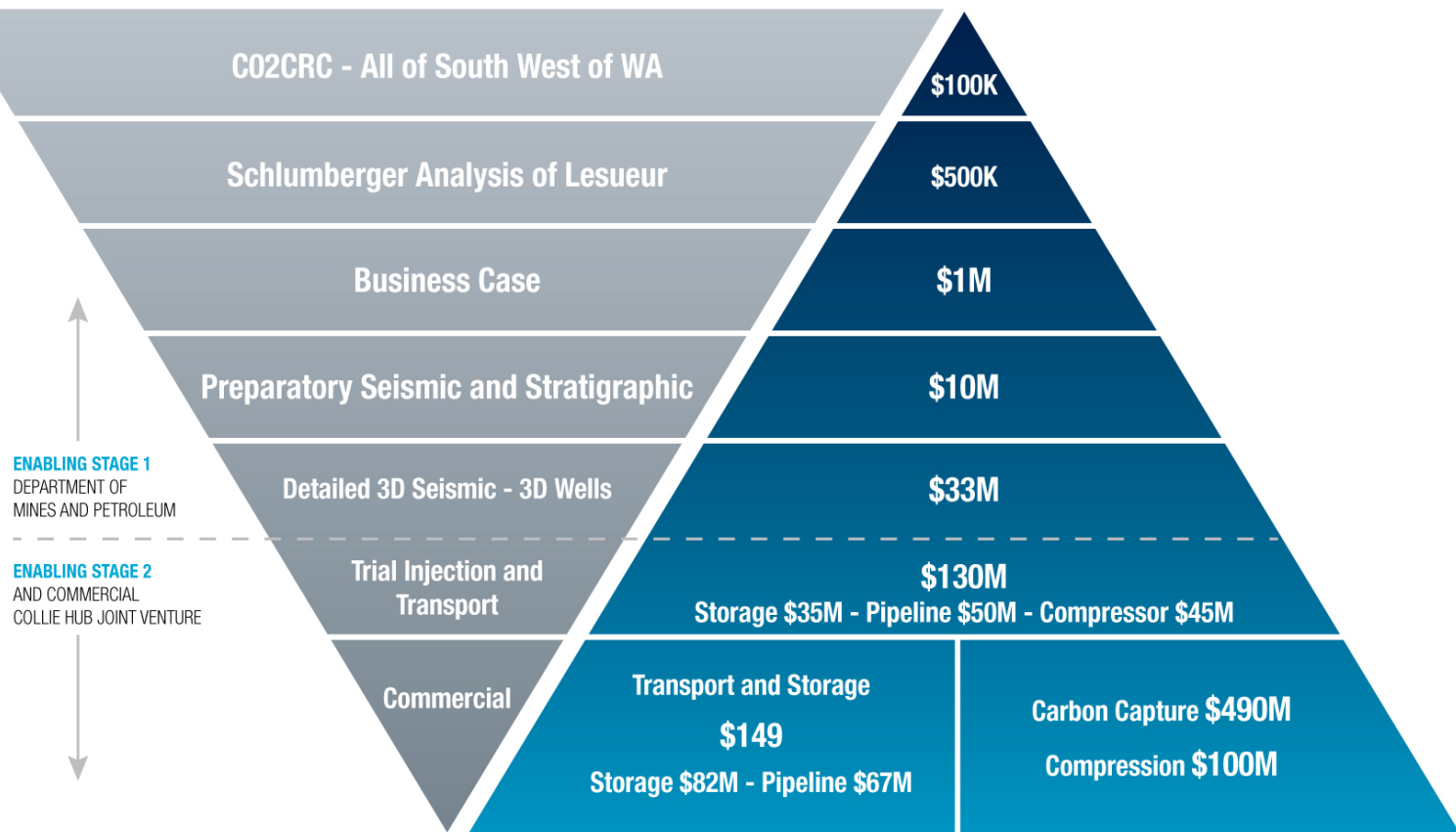




# UNCERTAINTY → CERTAINTY

## SOUTH WEST HUB CARBON CAPTURE STORAGE

UNCERTAINTY



### DECISION POINT

**2007**

REVIEW DATA

**2009**

ANALYSE EXISTING DATA

**2010**

BUSINESS CASE

**2014**

NEW POWER STATION  
TECHNOLOGY FOR 2019

**2015**

SMALLER COGEN POWER  
STATION TECHNOLOGY FOR 2020

**2017**

NEW POWER STATION  
TECHNOLOGY FOR 2023

CERTAINTY



- Establish local community committee
- Beginning involvement with local schools – CSIRO Carbon Kids project
- Local companies have good community relationships people and experience
- Concerns are not with the geology, but with the relations at surface
- Each aspect of project has to be dealt with as part of the total program







**Community  
Acceptance**

We are asking the community for permission to prove up the storage.

Acceptance will come when we can answer the community's questions