

# CCS TLM Limited

Through Life Management (TLM)  
Begins with Planning

21<sup>st</sup> June 2012

## Pipelines require:

- Pipeline Construction Authorisation (PCA) - onshore
- Pipeline Works Authorisation (PWA) - offshore



Photo: GRTgaz / BERNARD ERIC

A significant component of the application is the Environmental Impact Assessment (EIA)



# EIA's & their mitigations are driven by legislation:

- International
- European
- National
- Local

# Their intention is to protect:

- Birds
- Mammals
- Reptiles
- Habitats
- Archaeology
- Heritage

Another significant element in  
PWA/PCA applications is  
consultations with:

- Statutory consultees
- Other local stakeholder
- Local public

The possible side effects of ineffective application process are:

- PCA/PWA application rejected
- Public enquiry
- High court actions
- European court
- “Direct” action
- Archaeological find can halt construction
- Opposition can continue post-construction

# Carbon Capture & Storage is “New Technology”





Associated with coal &  
high polluting fossils fuels



Power stations are near densely  
populated areas

# Case Study: Barendrecht



## The location of the planned CO2 pipeline and gasfields in Barendrecht

Source: Shell/GCCSI&ECN

## Barendrecht gas production location





In November 2010, the newly  
installed Dutch government  
cancelled the project

# Positie Shell bij CO2-opslag niet versterkt

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De juridische positie van Shell bij een project van CO2-opslag onder Barendrecht mag niet versterkt worden door handelen van het demissionaire kabinet tot aan de verkiezingen. Dat heeft minister Maria van der Hoeven van laten weten.

„Ik doe niets wat de rechten van Shell verder opbouwt en waardoor ruimte voor schadeclaims ontstaat”, beloofde de minister. Shell is uitgekozen om kooldioxide, die afkomstig is van de eigen raffinaderij, onder de grond in Barendrecht op te slaan.

Eerder lieten Van der Hoeven en Tineke Huizinga van VROM al weten definitieve beslissingen over het omstreden project aan een volgend kabinet over te laten.



# Storage site selection was based on good technical reasoning

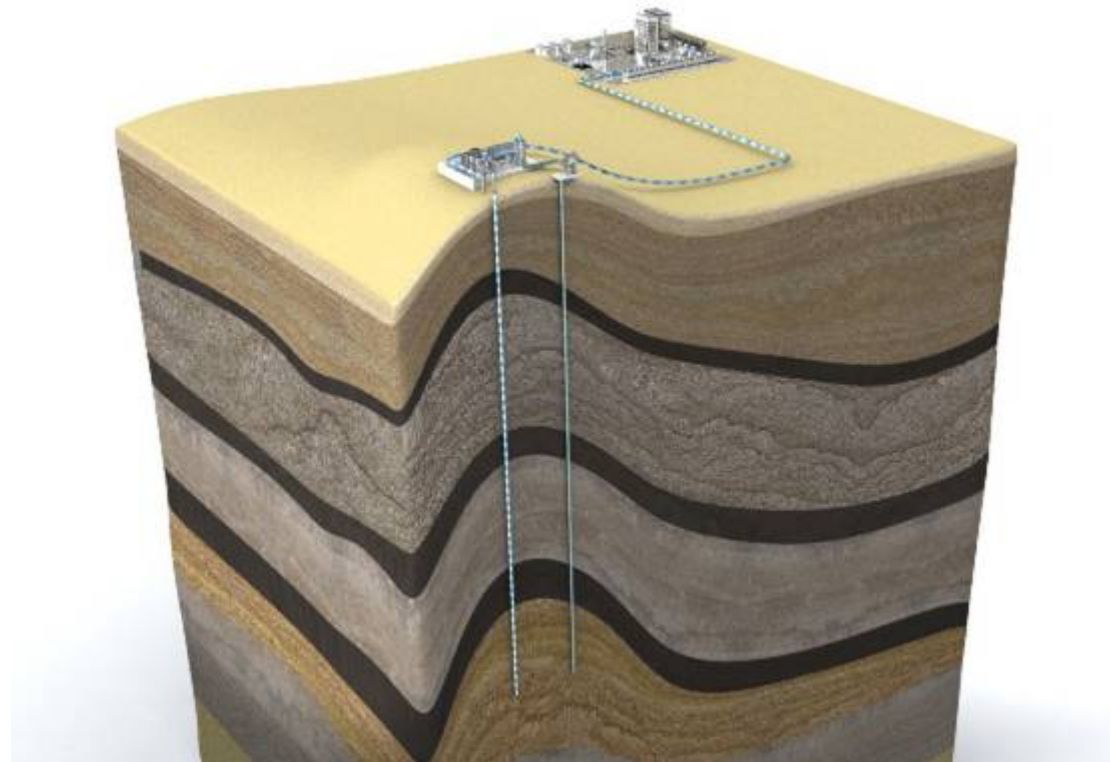




But did not consider the social aspects



# The HECA project relocated to avoid pipeline through Hollywood



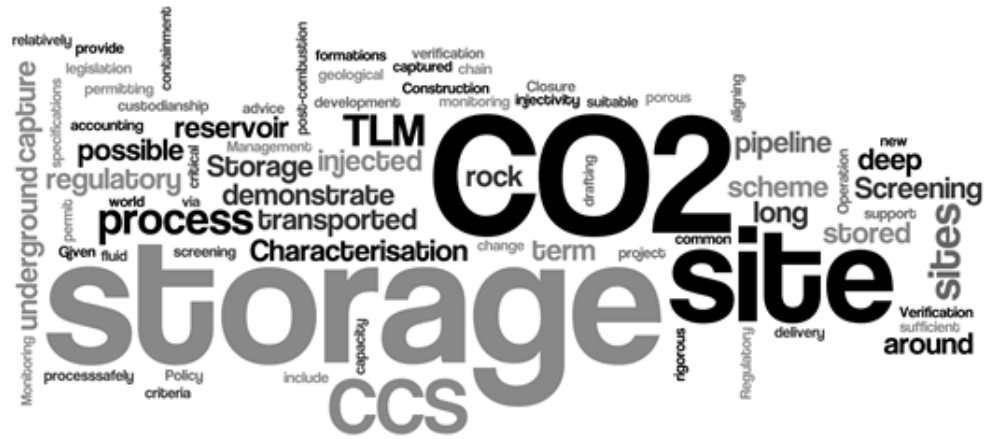
## Lessons Learnt:

Communicate with stakeholders  
and the public from the early  
stages of the project

Understand your different audiences & communicate with them appropriately



# Use outside parties for your communications



# A bad route is a bad route



Put route selection up for peer review and keep an open mind

Be prepared to back track before you get in too deep.





Thank you

