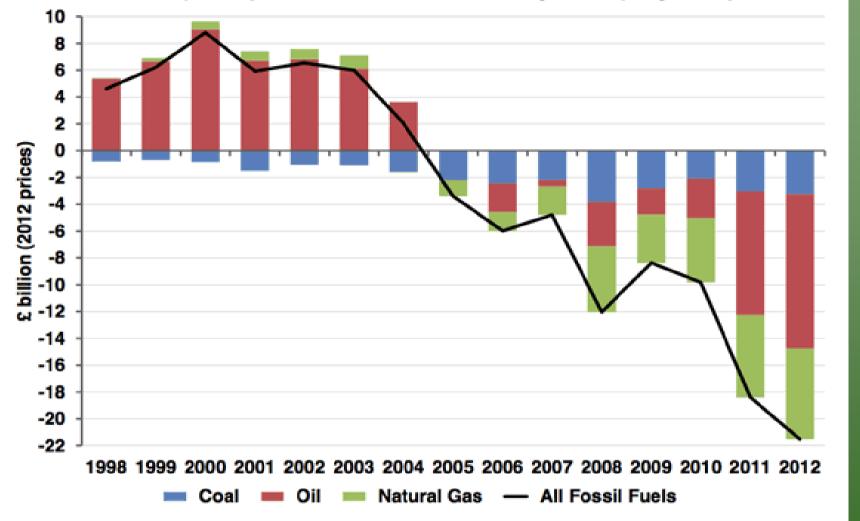
FRACKING: Golden Goose...

or Dead Duck?

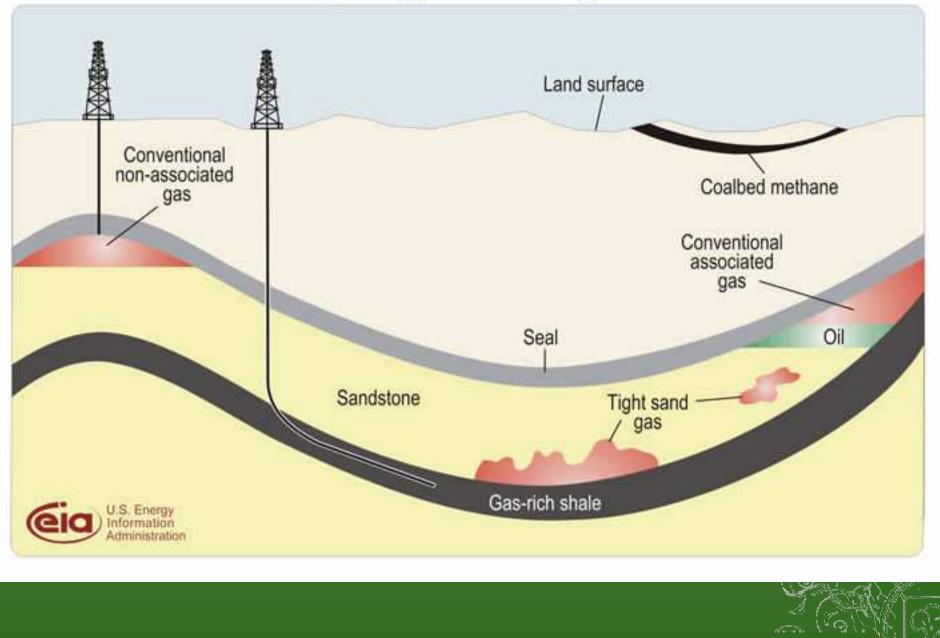
A presentation by Simon Tytherleigh

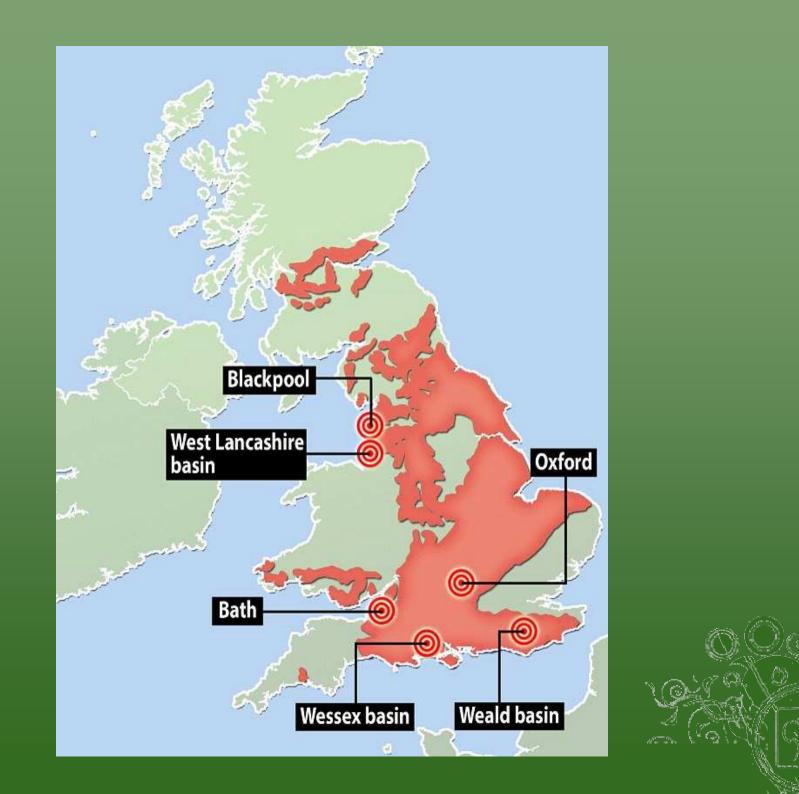
Sustainable Bradninch

Value (Cost) of UK Fossil Fuel Exports (Imports)



Schematic geology of natural gas resources

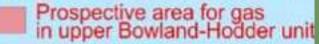




DECC/BGS shale gas studies (other areas not yet studied are also prospective for shale gas)

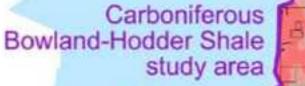
> Onshore petroleum exploration and development licences (as of April 2013)

Bowland-Hodder Shale study area

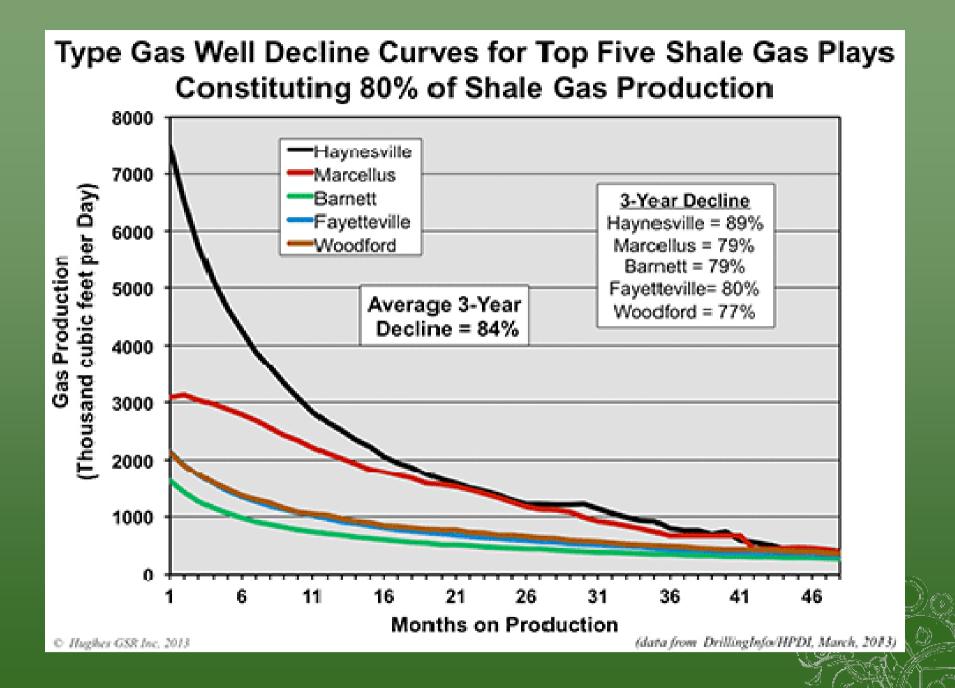


Prospective area for gas in lower Bowland-Hodder unit

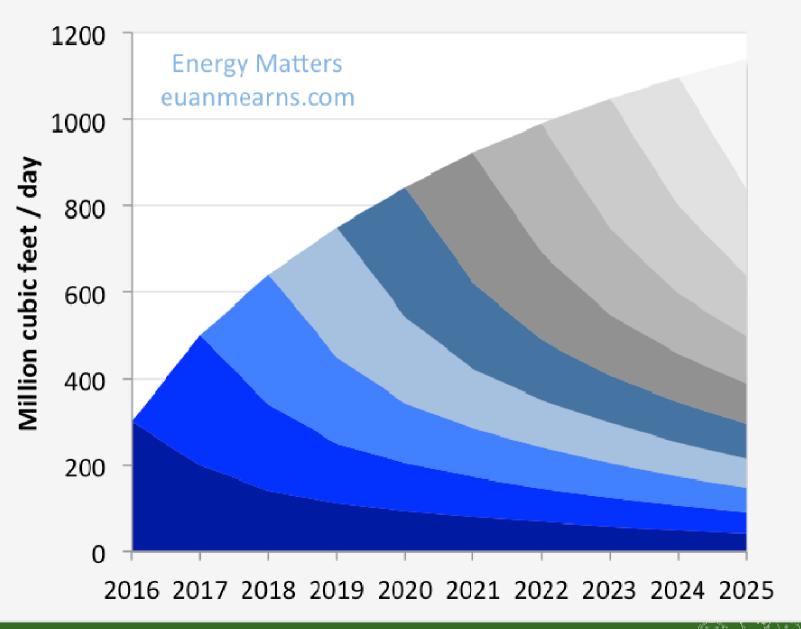
- Urban areas LI Liverpool M Manchester ST Stoke -on-Trent D Derby N Nottingham SH Sheffield LE Leeds
- LE Leeds
- Y York H Hull



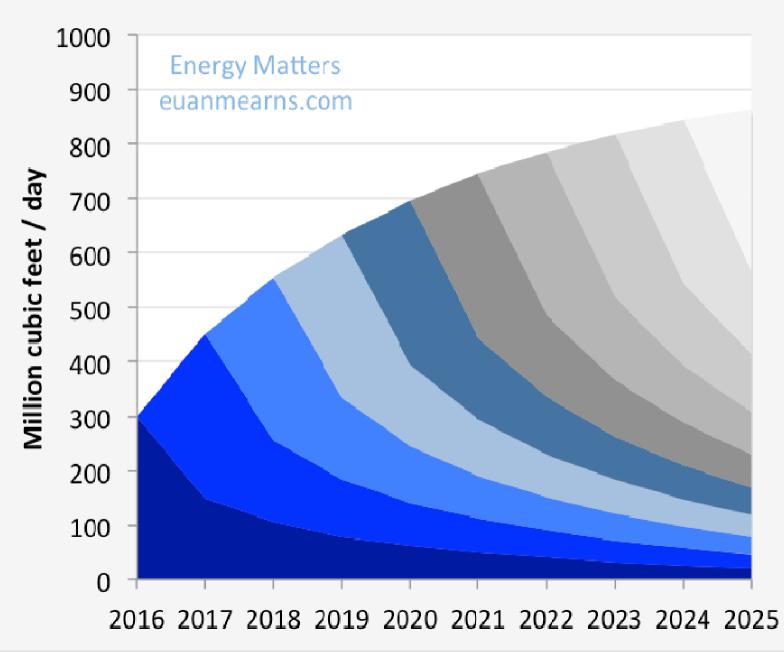


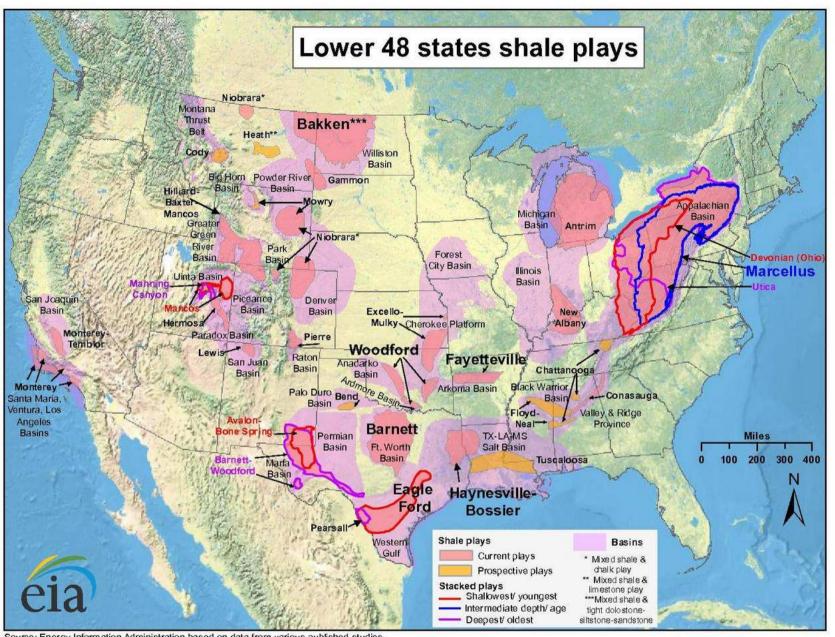


UK shale gas model, 100 wells / year



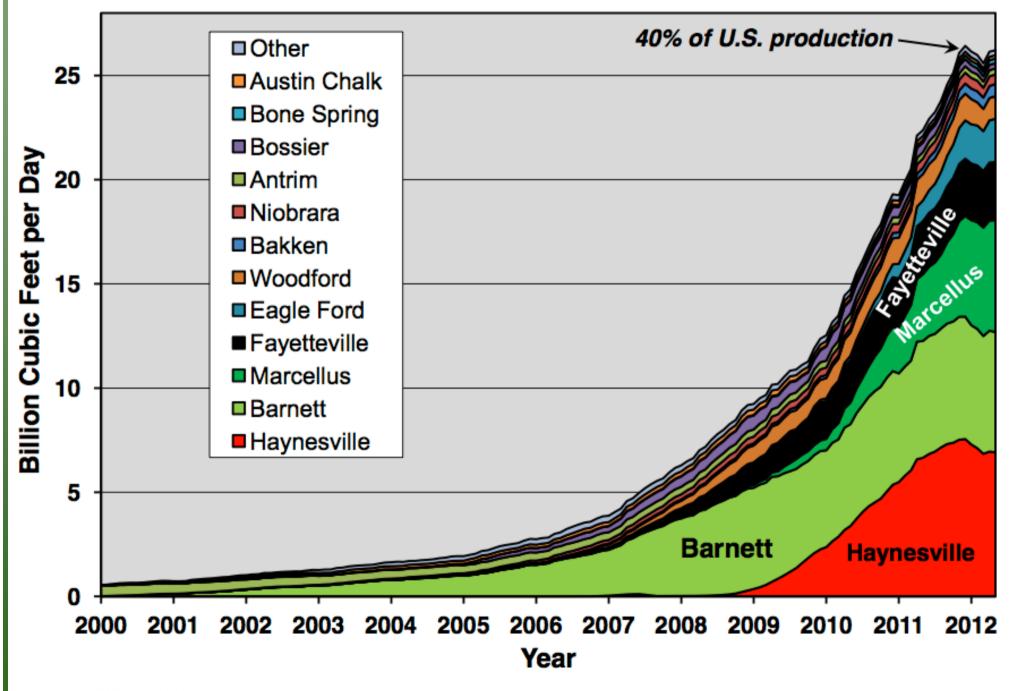
UK alternative shale gas model, 300 wells / year





Source: Energy Information Administration based on data from various published studies. Updated: May 9, 2011

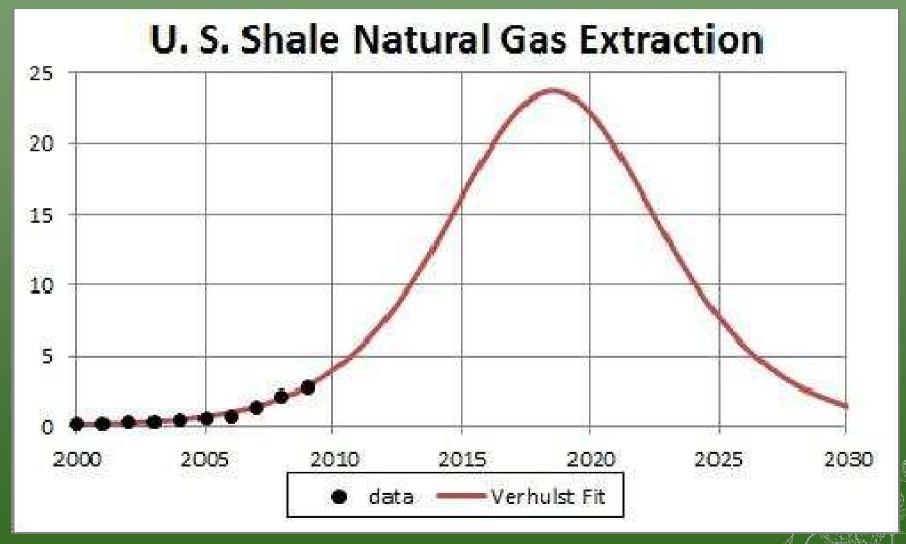
U.S. Shale Gas Production by Play, 2000-2012



© Hughes GSR Inc, 2012

(data from Drillinginfo, September, 2012, fitted with 3 month centered moving average including data up to June, 2012)

How soon might it be over?

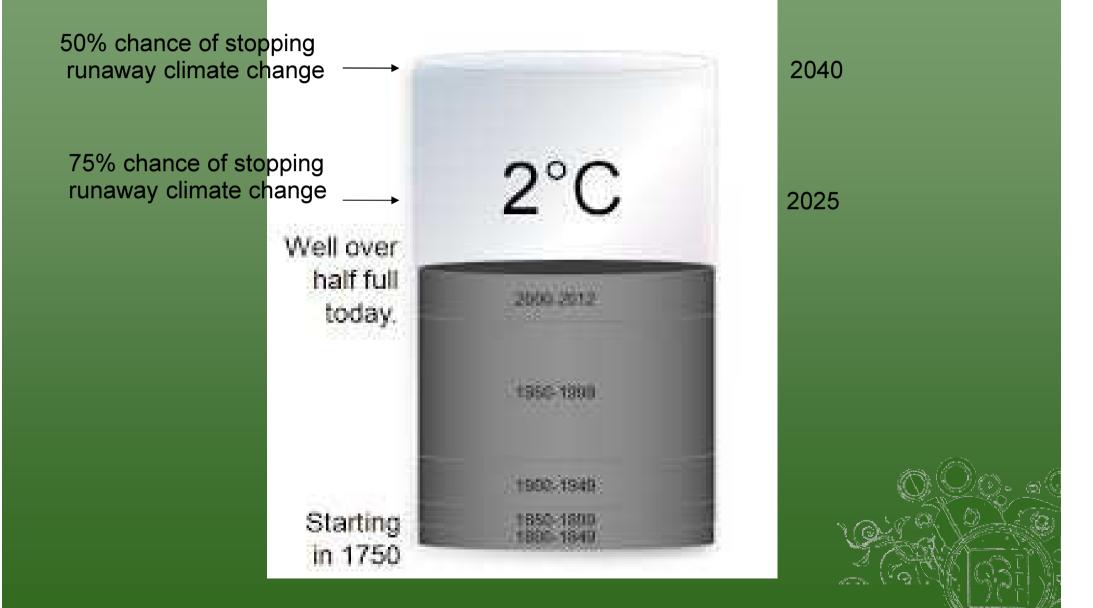


Banks Test site in the Fylde

C C Ashley Cooper/Corbis



Global Carbon Budget = 1 trT



How much of our fossil fuel reserves can we use?

CO2 in reserves (billion tonnes)



Source: Carbon Tracker initiative





