The unsuspected peaking of conventional oil: When reserve definitions distort the perception of scarcity.



Patrick Brocorens

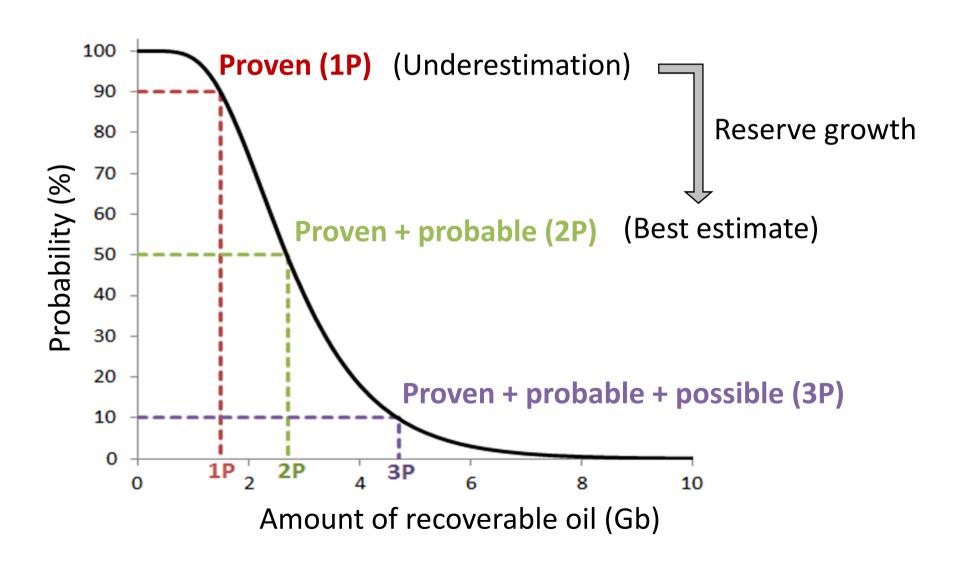
Laboratoire de Chimie des Matériaux Nouveaux

30 january 2016 Mons

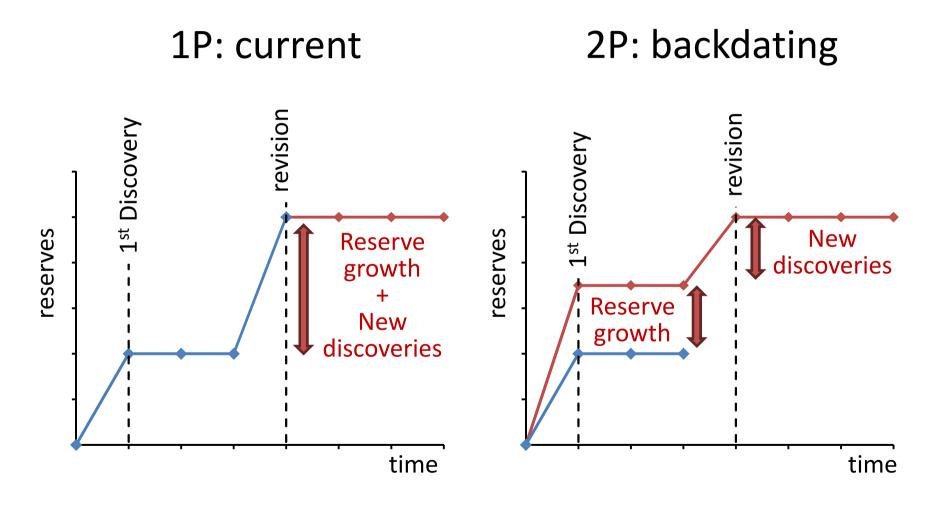




SPE: Probabilistic definition of 1P, 2P, 3P reserves.

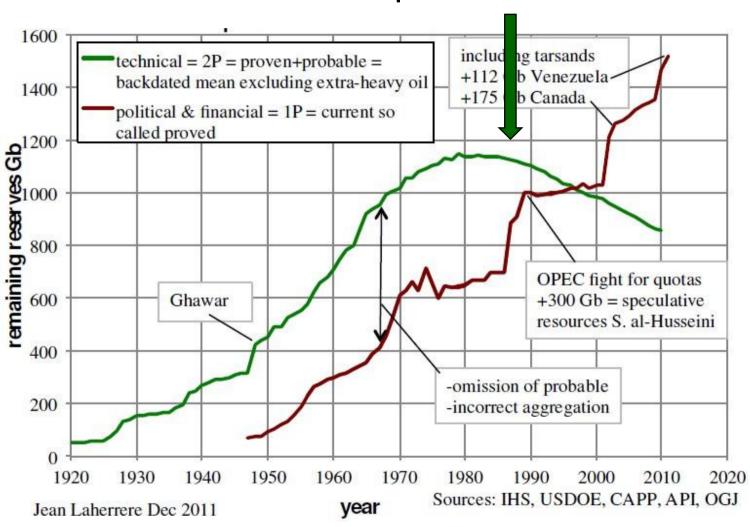


How to book the revisions?

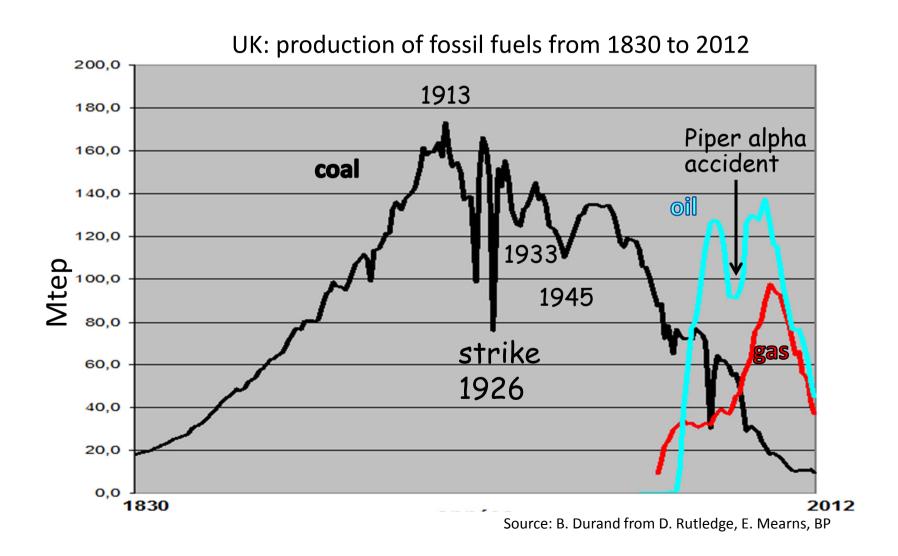


1P and 2P, two different visions.

New discoveries do not replace what is extracted

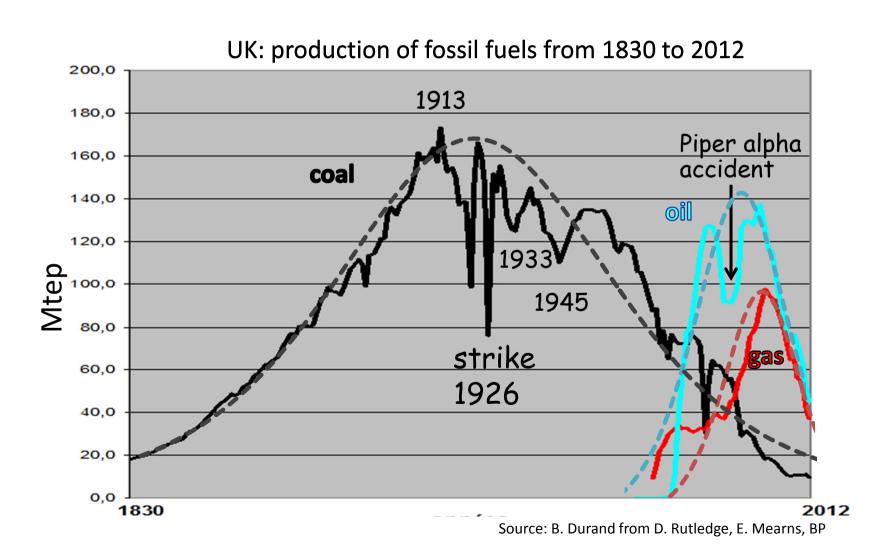


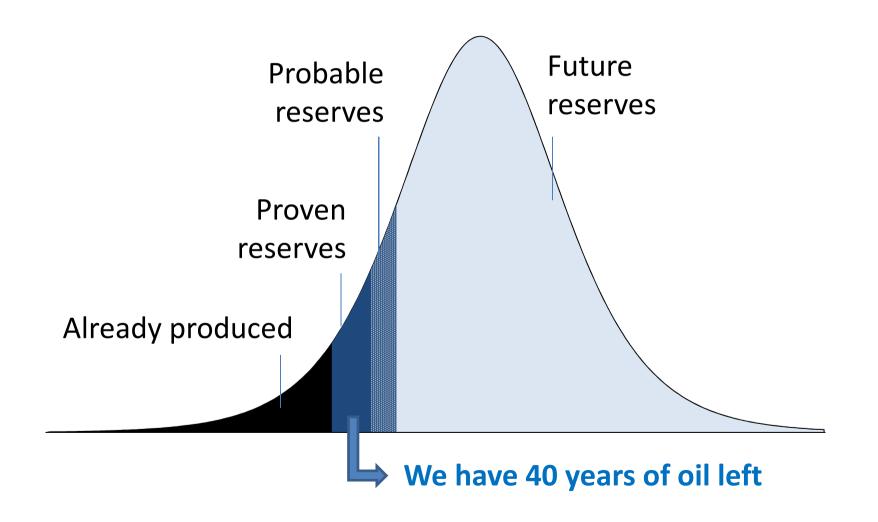
The flow rate, more important than the stock.

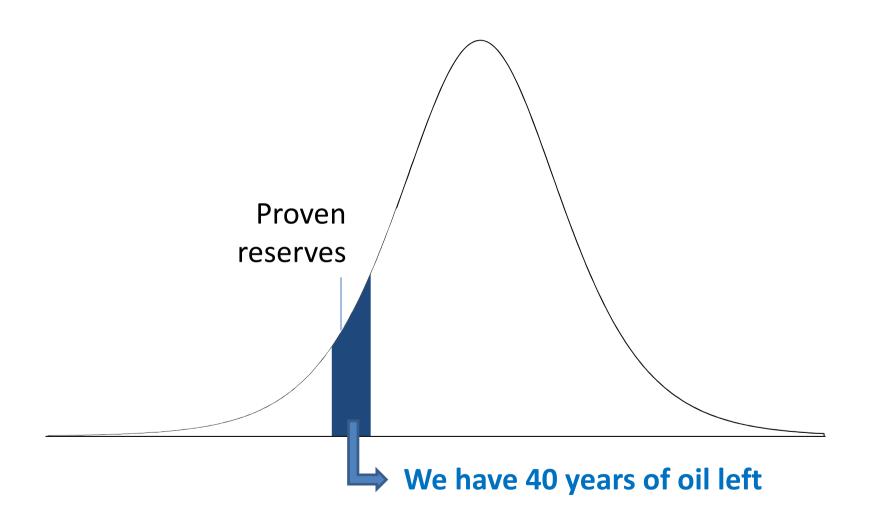


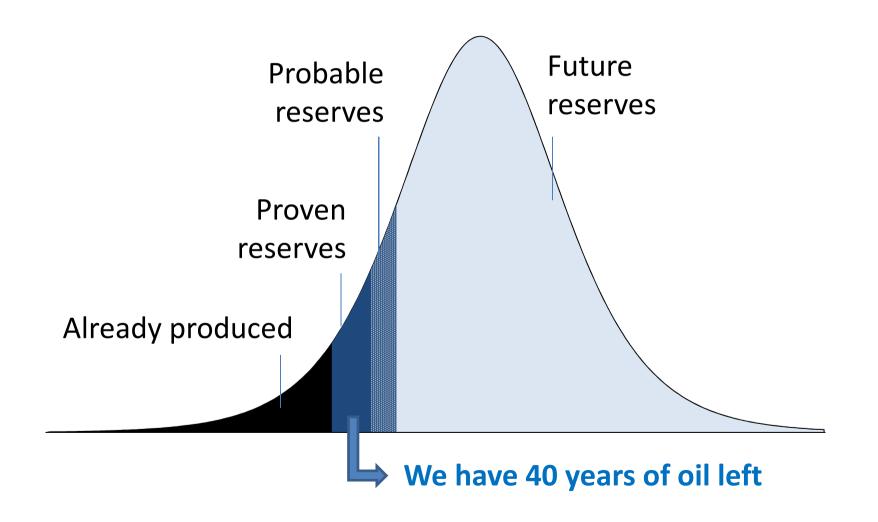
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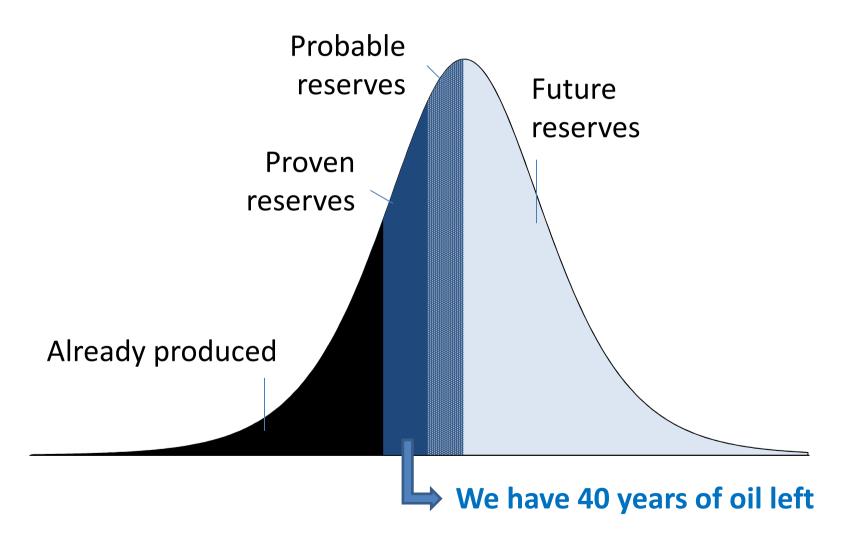
A bell-shape curve, a simple fit.

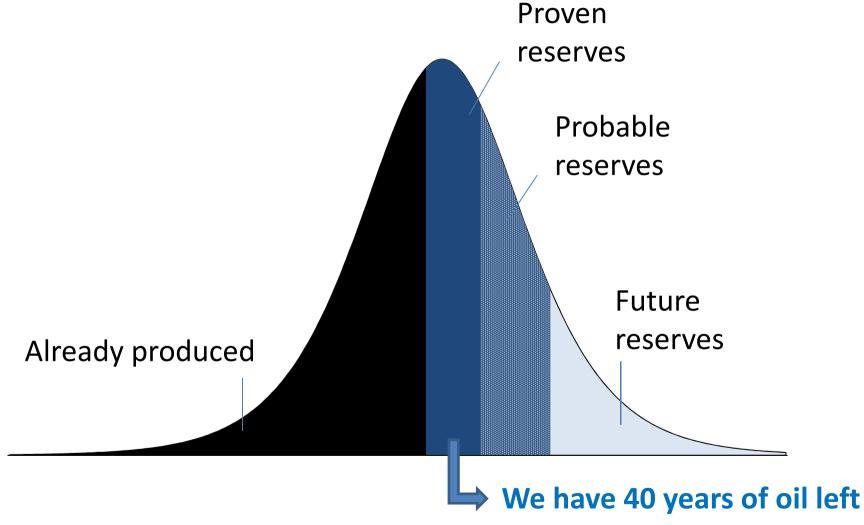


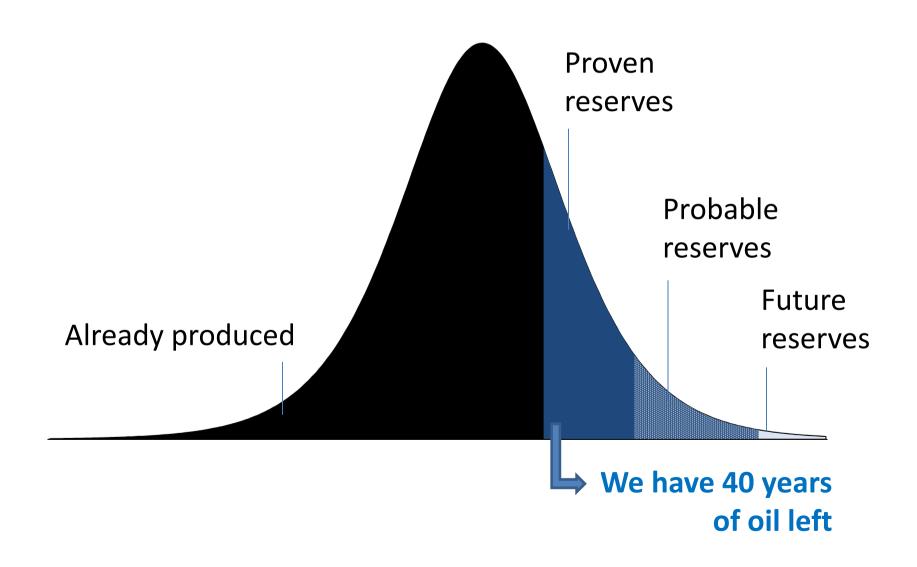




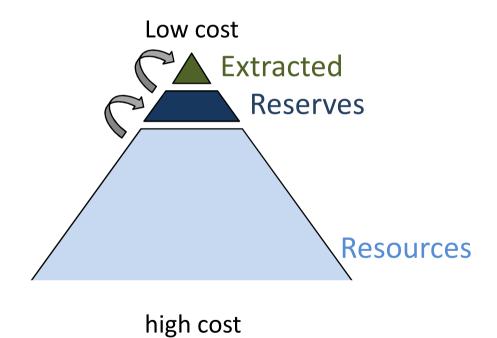




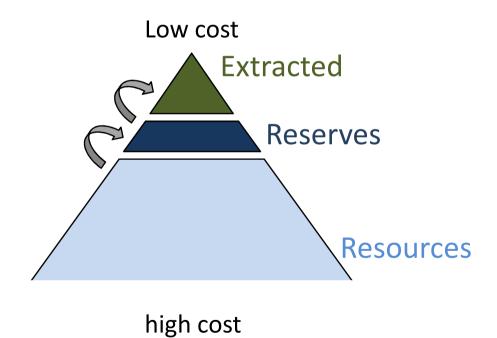




Some say "no"

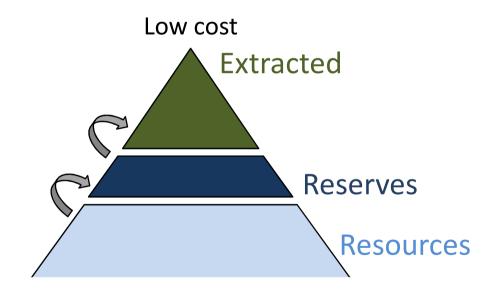


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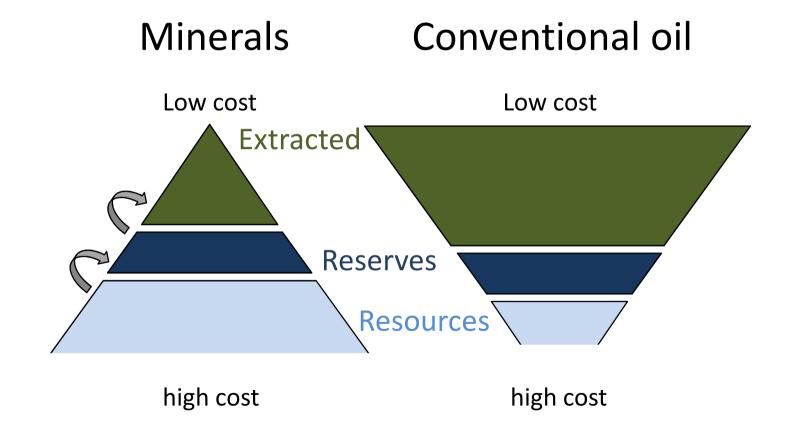


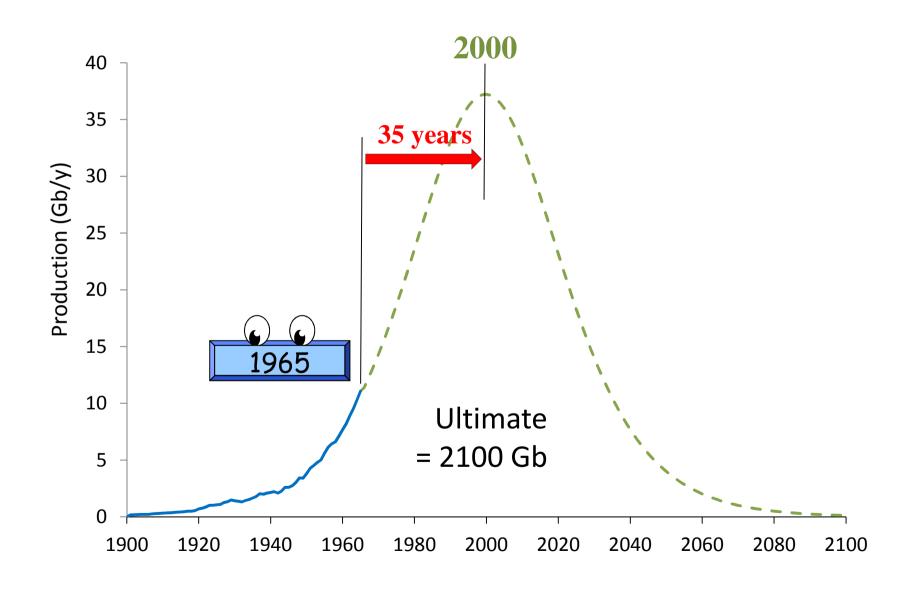
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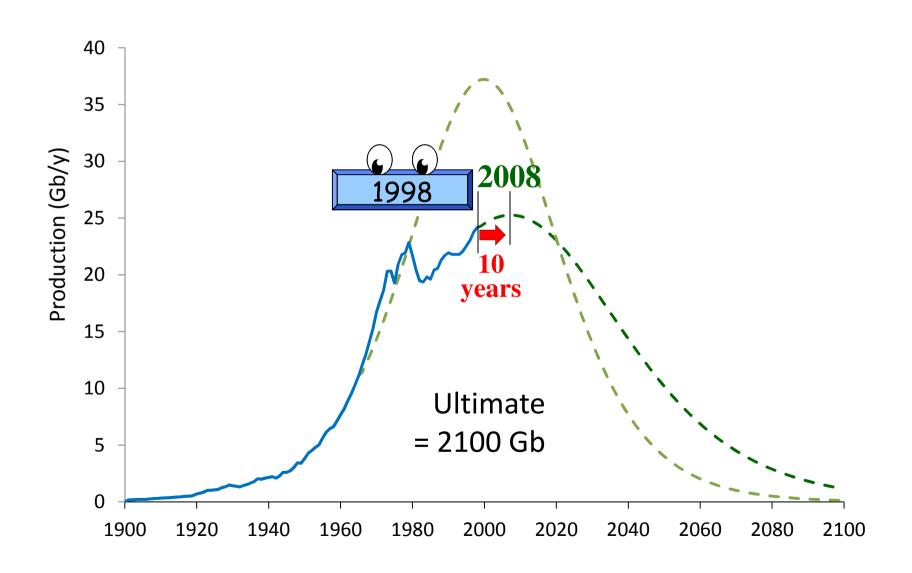
high cost

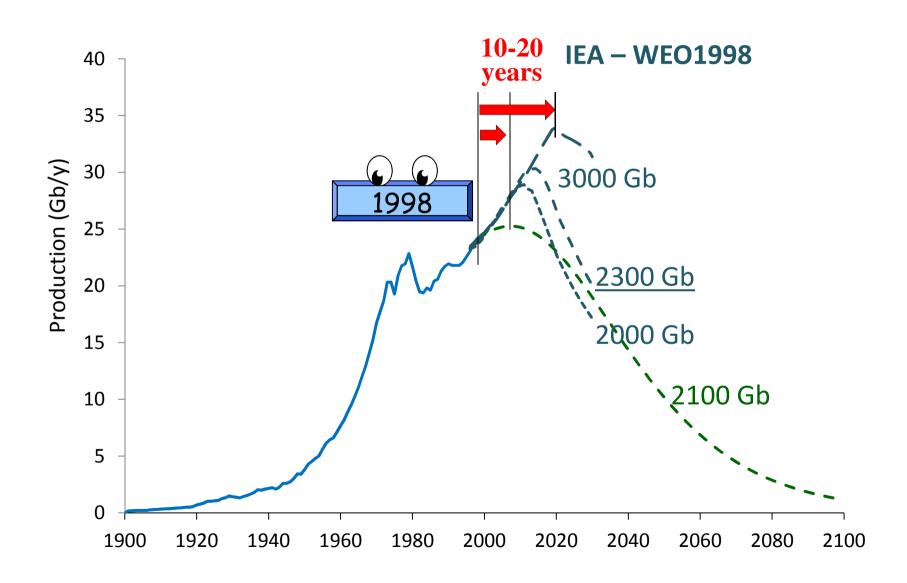


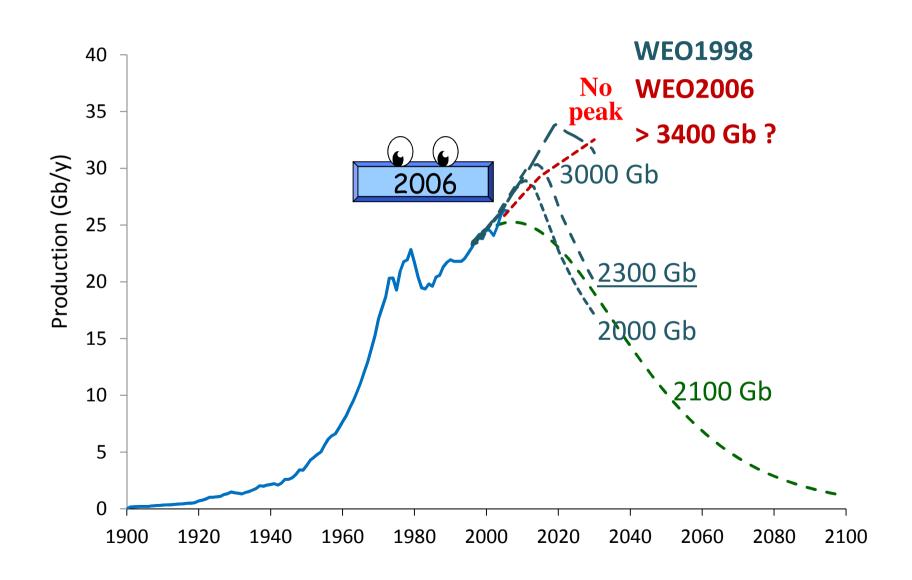
Some say "yes", due to the specific characteristics of oil accumulations.

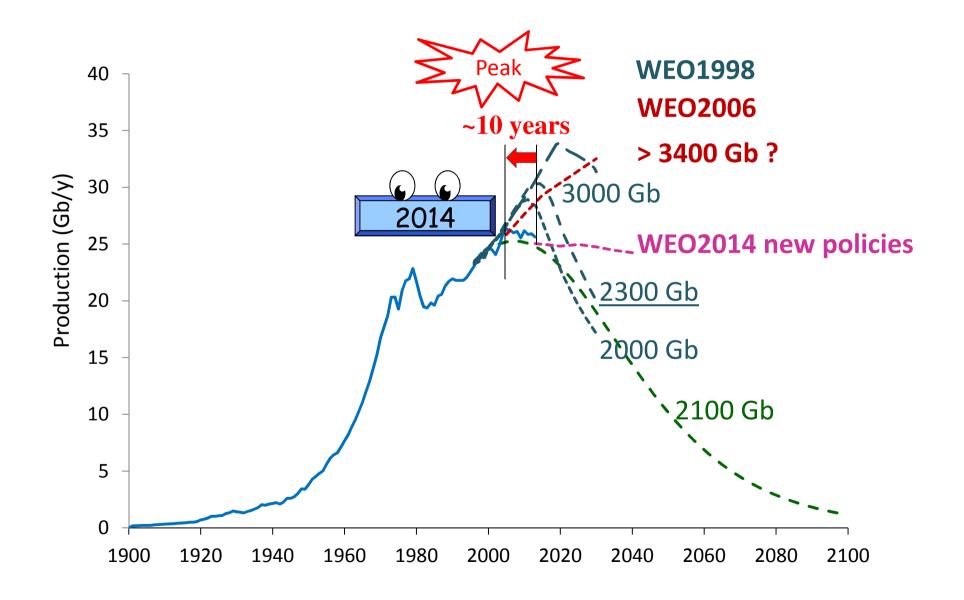


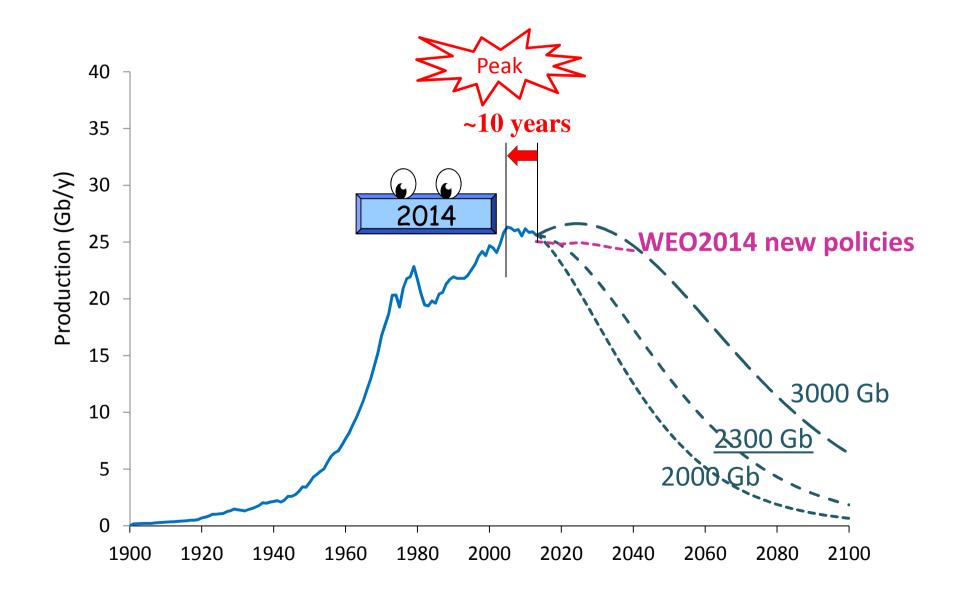












How long can we compensate the decline of conventional oil?

