

Quelques mots sur ASPO et le pic pétrolier

Patrick Brocorens

4 octobre 2018, Mons

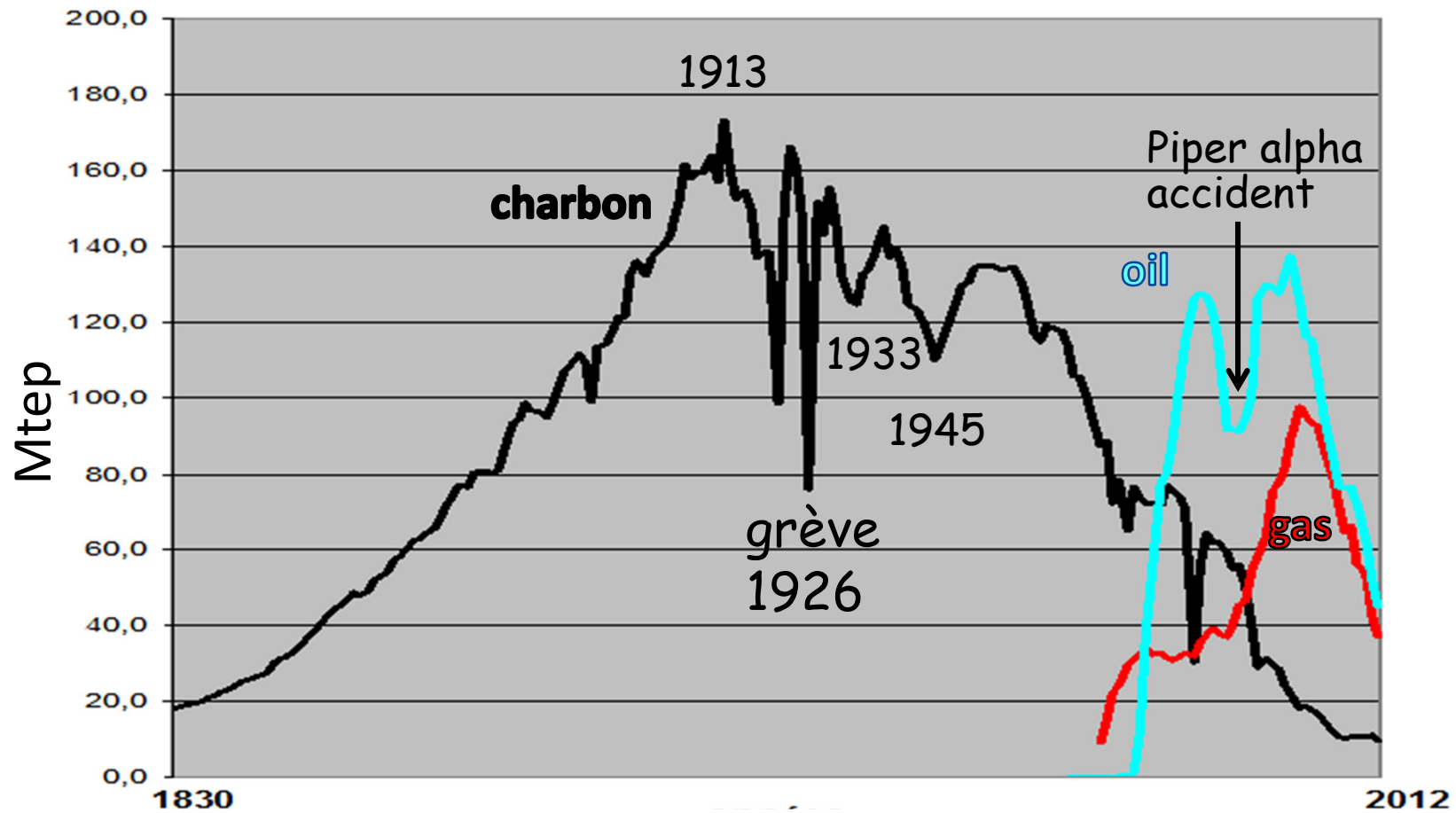
ASPO.be et ASPO France regroupent des personnes intéressées par le sujet du pic pétrolier, un sujet complexe aux dimensions géologiques, technologiques, économiques, politiques, et autres. De part la complexité du sujet, les propos tenus n'engagent que les membres qui les tiennent et ne représentent en rien une position commune de l'une ou de l'autre de ces associations.



Photo: Niederlauterbach, Bas-Rhin, France, 11 août 2017

Evolution typique de la production de ressources fossiles

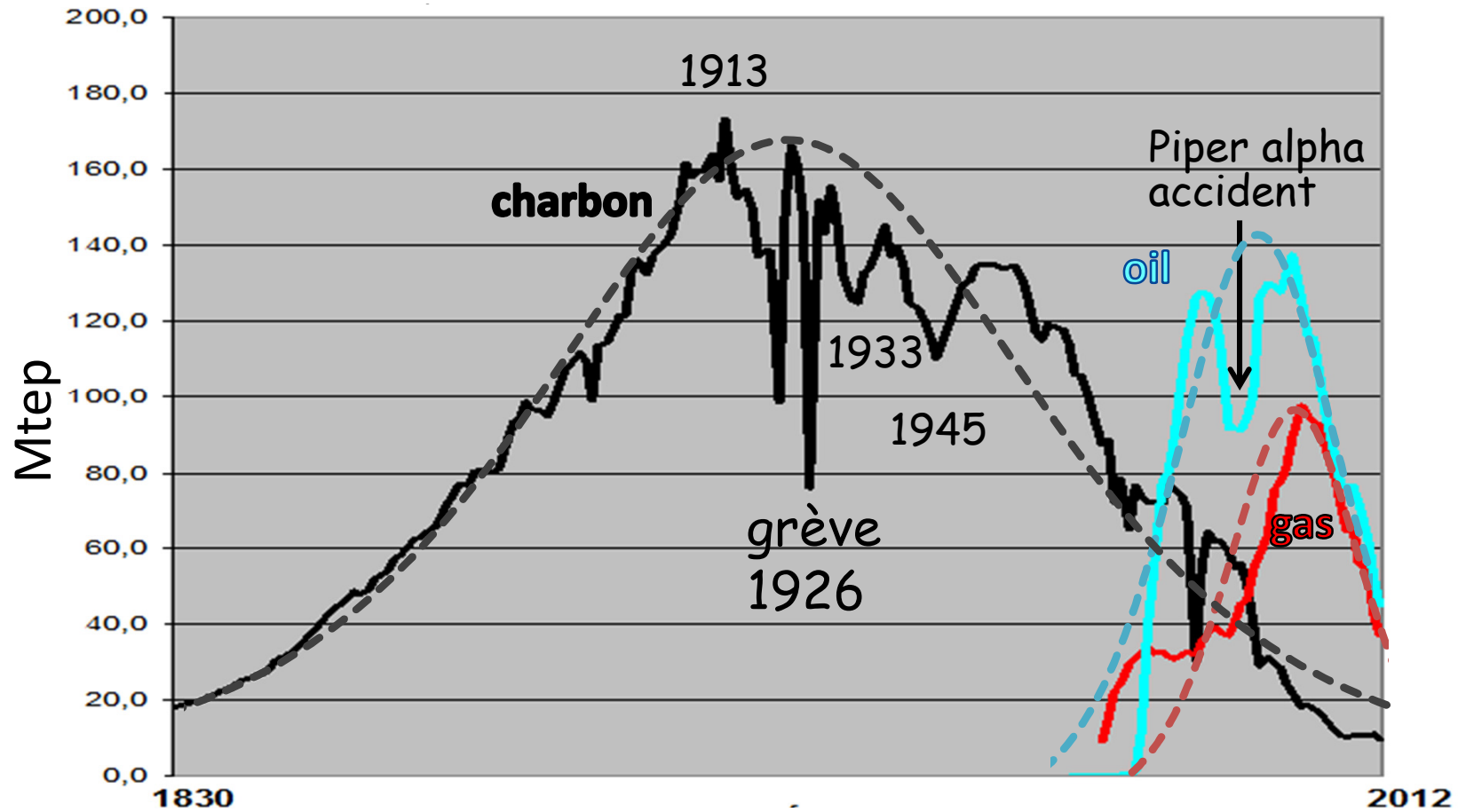
Cas de la Grande-Bretagne depuis 1830



Source: B. Durand from D. Rutledge, E. Mearns, BP

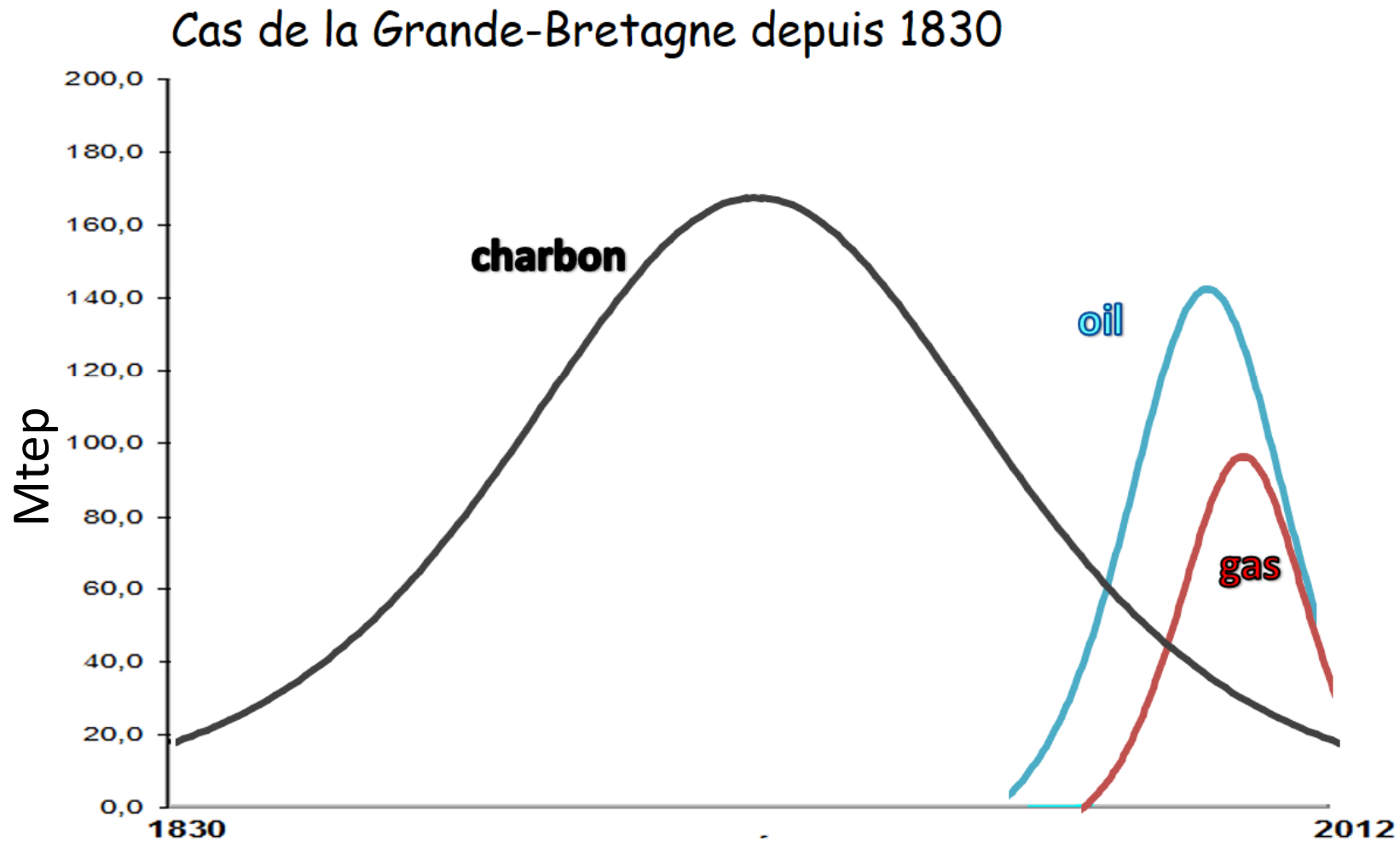
Evolution typique de la production de ressources fossiles

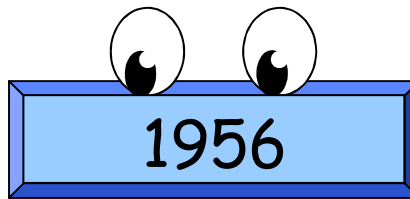
Cas de la Grande-Bretagne depuis 1830



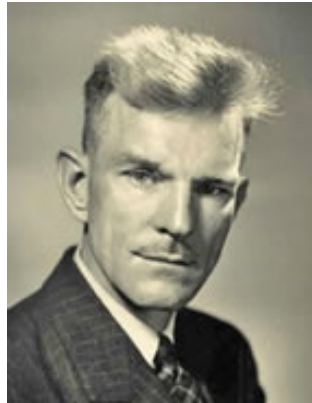
Source: B. Durand from D. Rutledge, E. Mearns, BP

Evolution typique de la production de ressources fossiles





Prévoir le pic pétrolier US-48



Marion King Hubbert

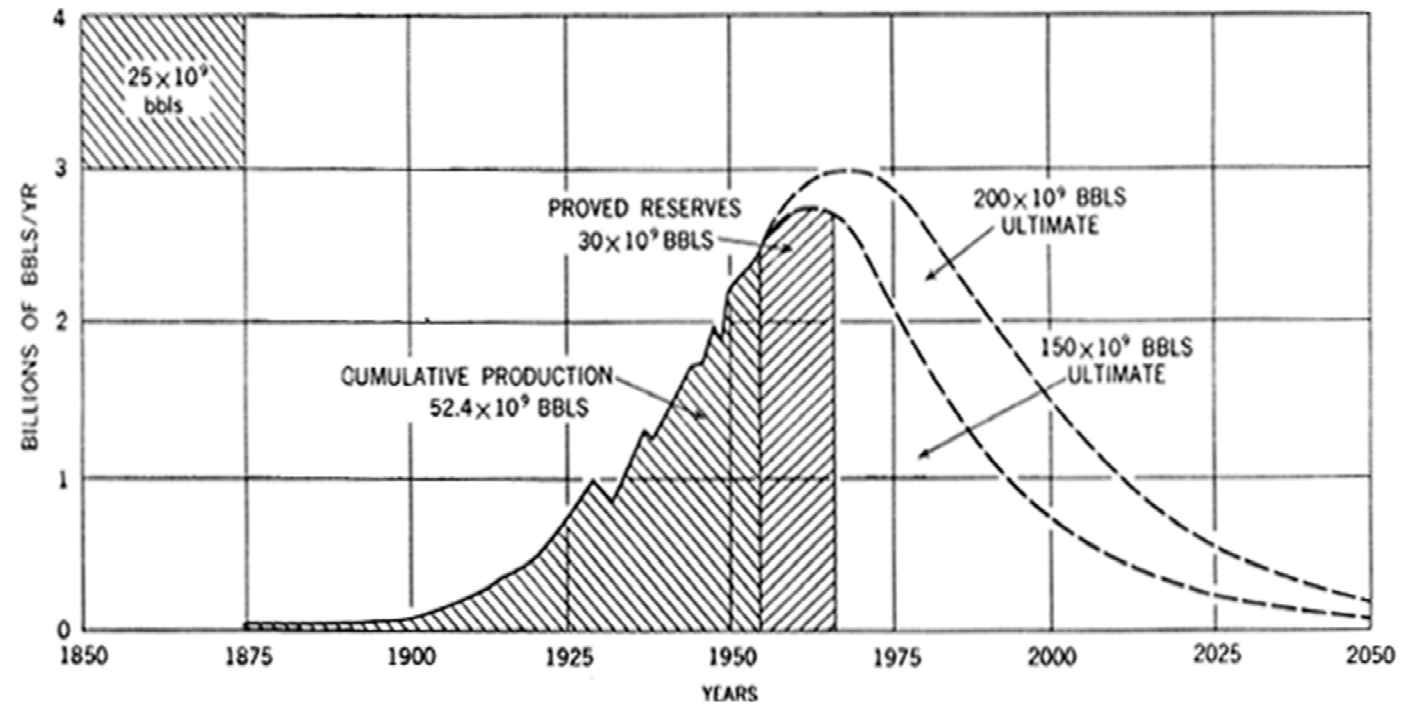
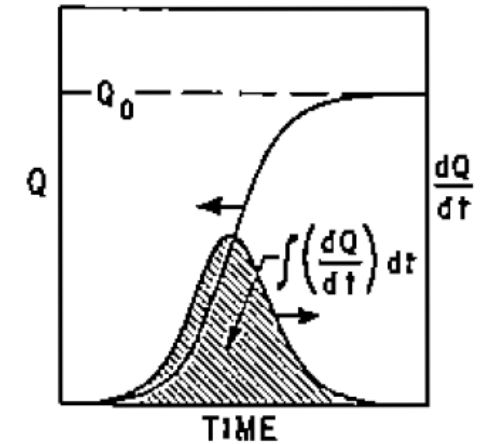
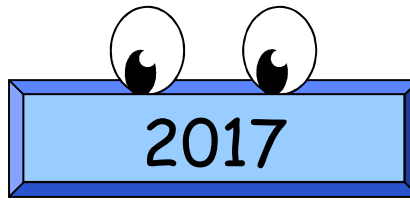


Fig. 6 - 1956 Estimates of two complete cycles of U.S. crude-oil production from Lower-48 states based upon ultimate recoveries of 150 and 200 billion barrels (Hubbert, 1956, Fig. 21).



Prévoir le pic pétrolier US-48



Marion King
Hubbert

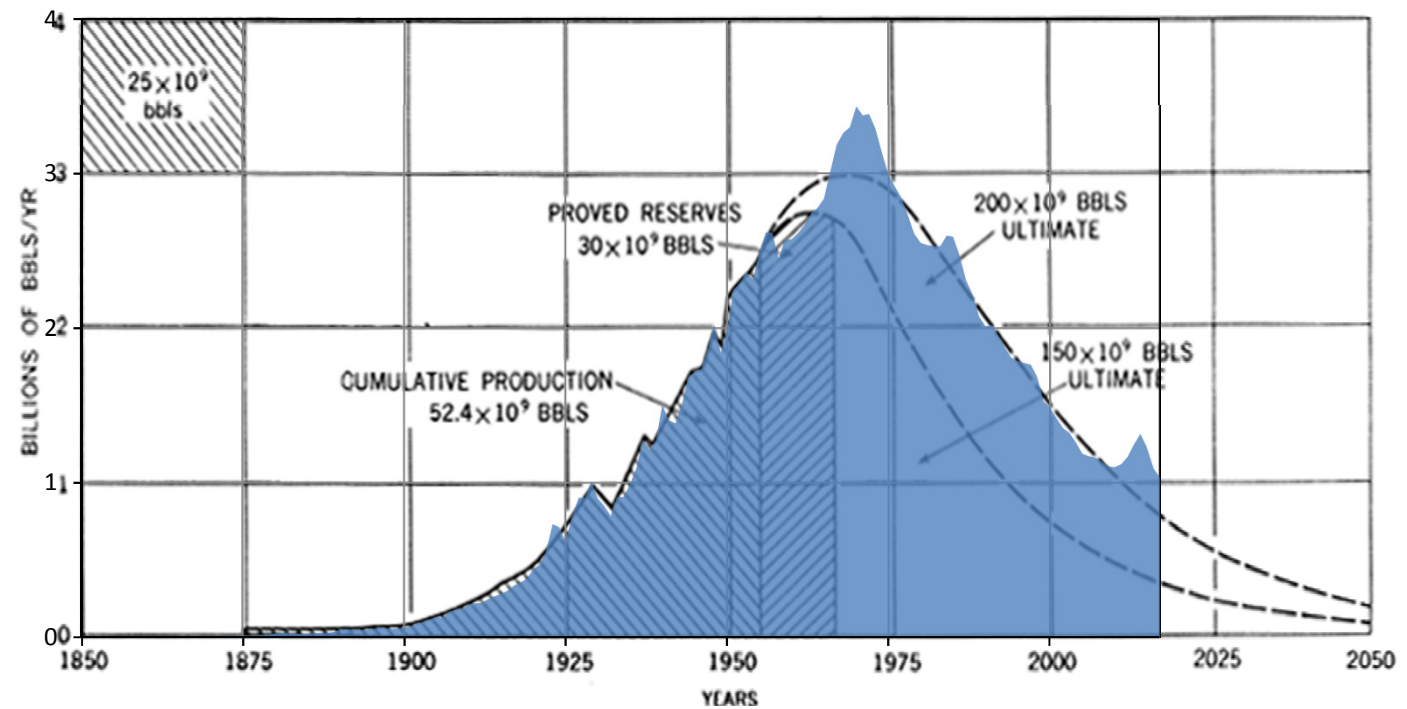
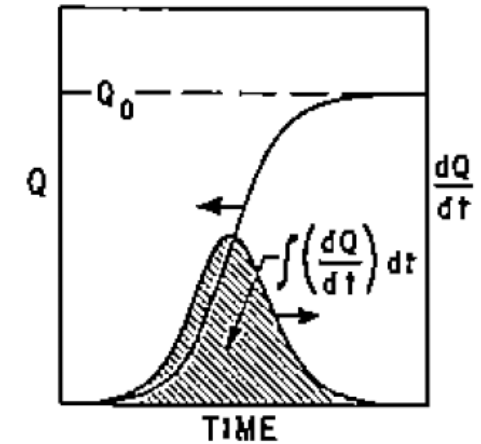
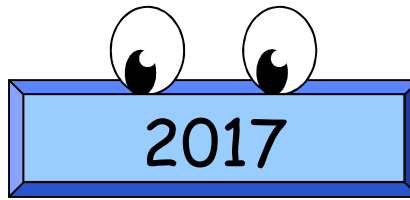
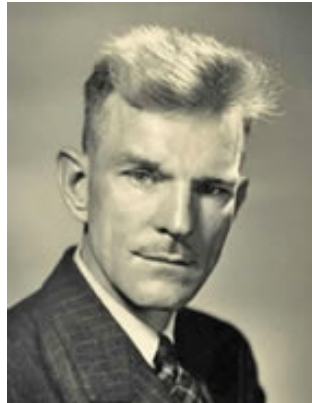
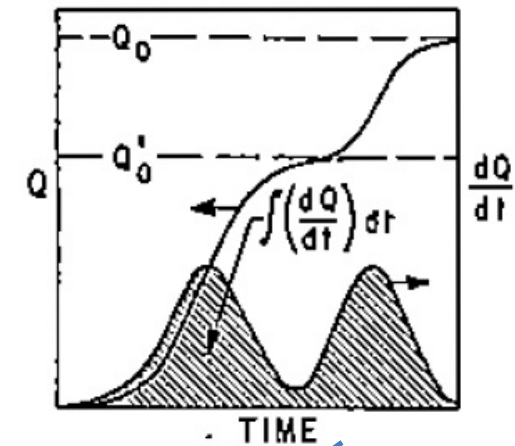


Fig. 6 - 1956 Estimates of two complete cycles of U.S. crude-oil production from Lower-48 states based upon ultimate recoveries of 150 and 200 billion barrels (Hubbert, 1956, Fig. 21).



Prévoir le pic pétrolier US-48 + cycles secondaires



Marion King
Hubbert

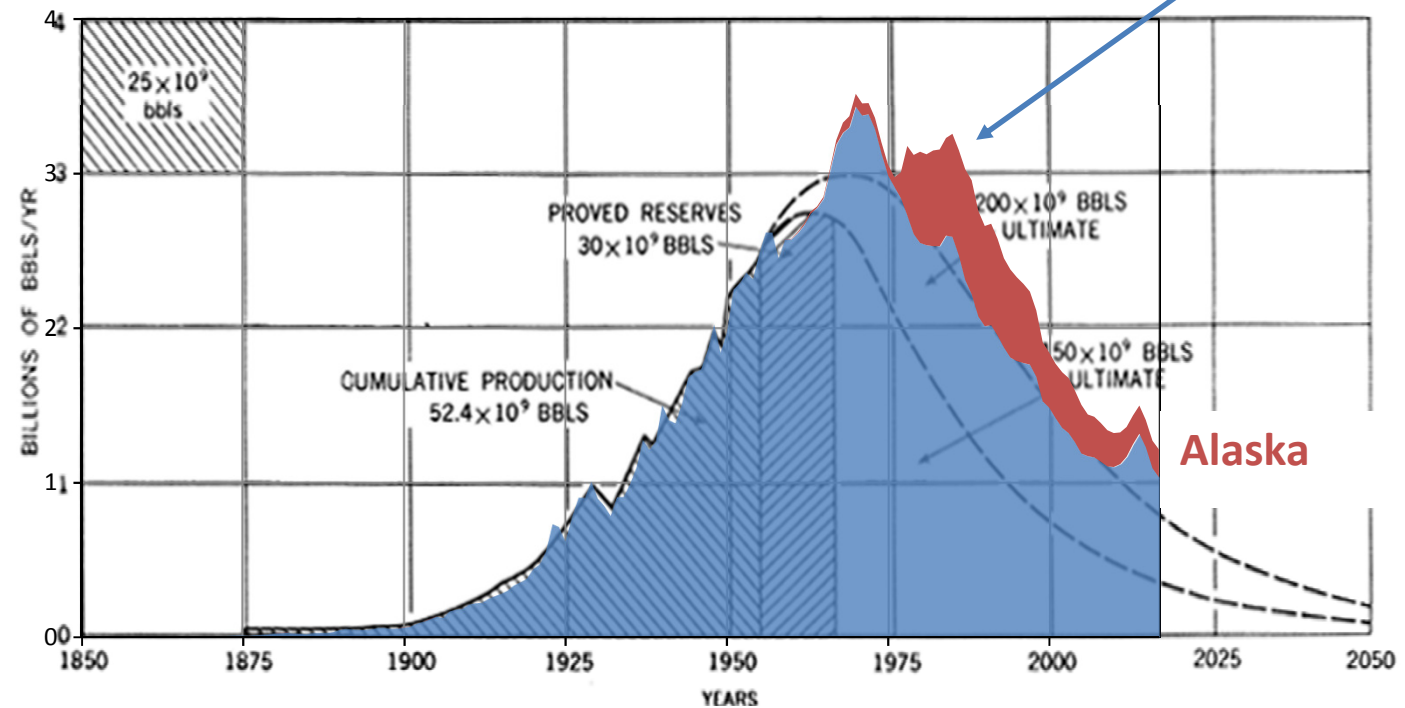
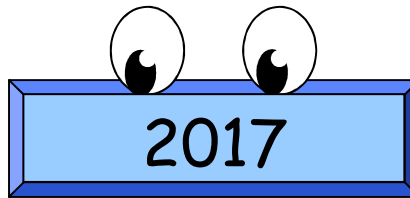
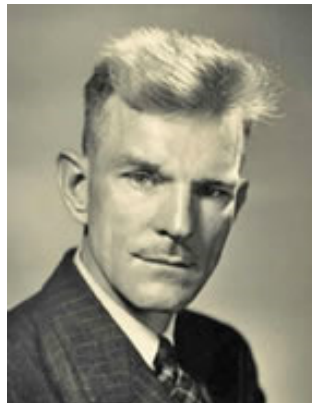
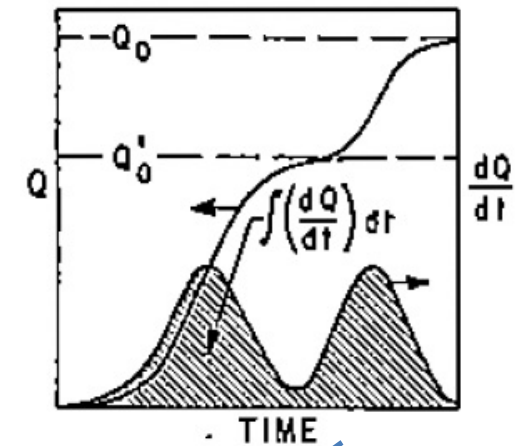


Fig. 6 - 1956 Estimates of two complete cycles of U.S. crude-oil production from Lower-48 states based upon ultimate recoveries of 150 and 200 billion barrels (Hubbert, 1956, Fig. 21).



Prévoir le pic pétrolier US-48 + cycles secondaires



Marion King
Hubbert

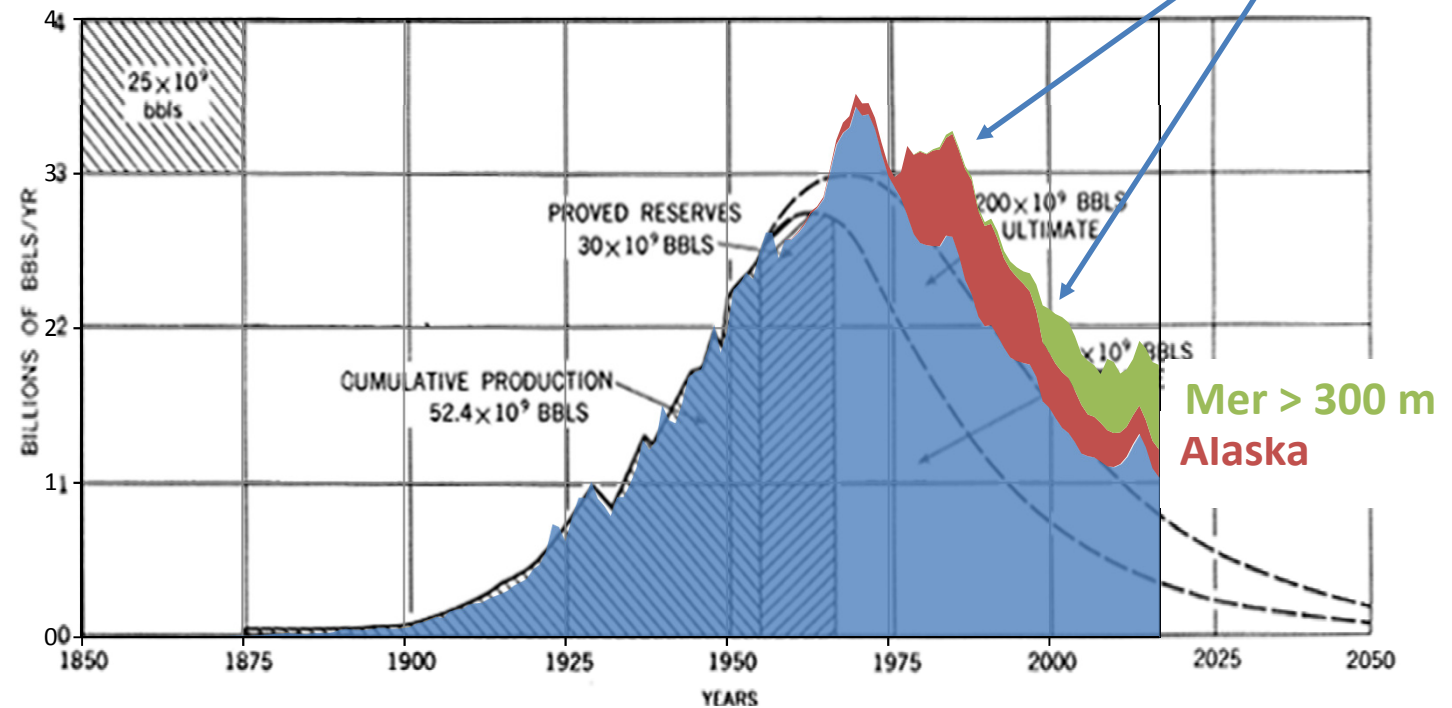
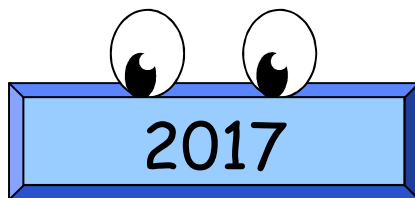


Fig. 6 - 1956 Estimates of two complete cycles of U.S. crude-oil production from Lower-48 states based upon ultimate recoveries of 150 and 200 billion barrels (Hubbert, 1956, Fig. 21).



Marion King Hubbert

Prévoir le pic pétrolier
US-48
+
cycles secondaires

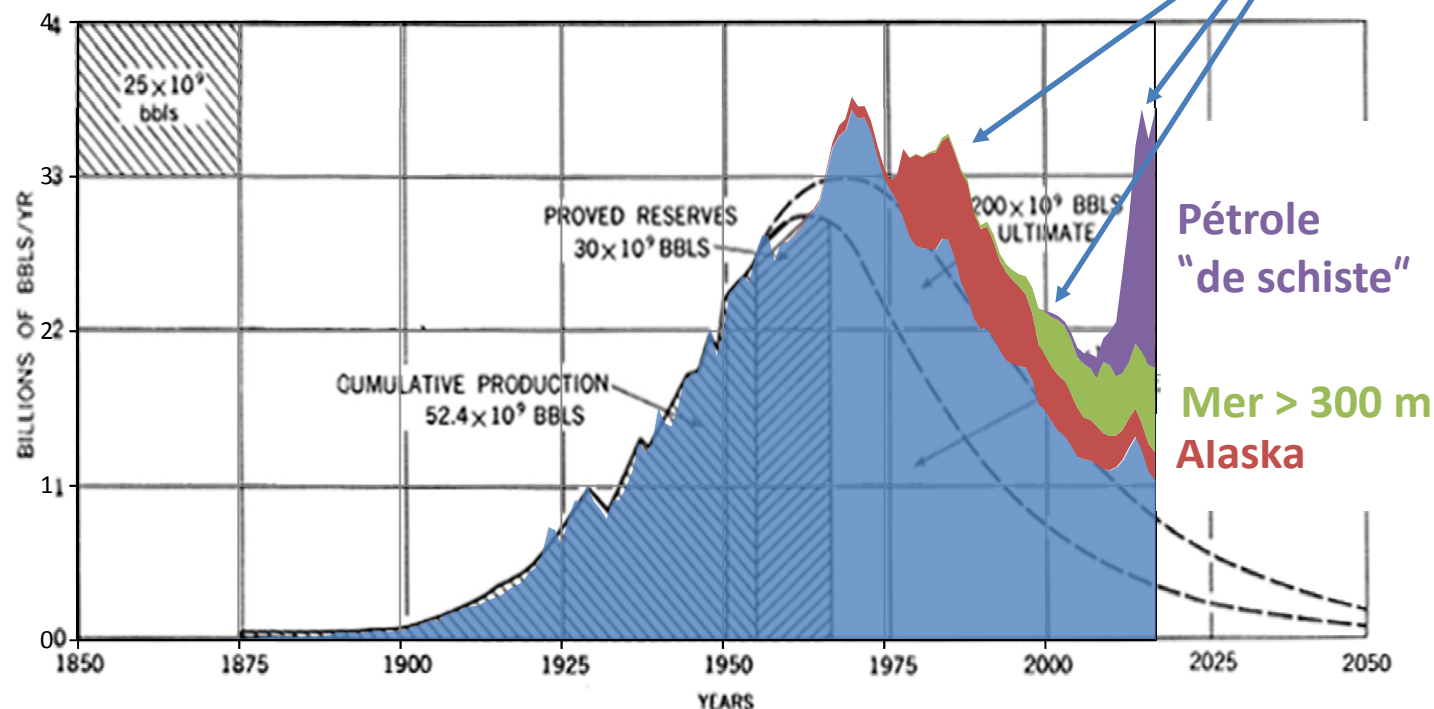
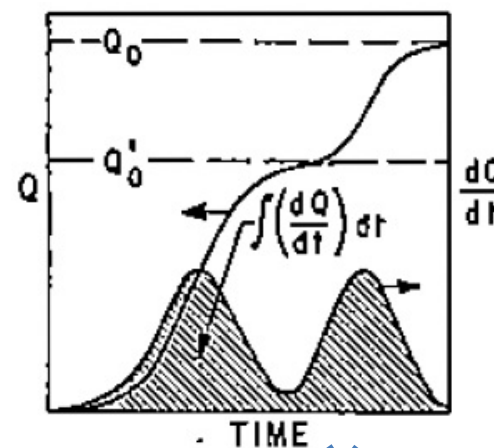
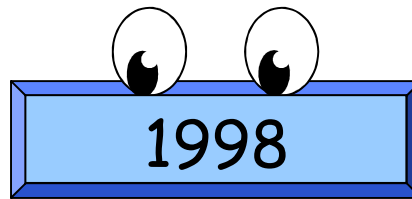


Fig. 6 - 1956 Estimates of two complete cycles of U.S. crude-oil production from Lower-48 states based upon ultimate recoveries of 150 and 200 billion barrels (Hubbert, 1956, Fig. 21).



SCIENTIFIC AMERICAN

The End of Cheap Oil

Global production of conventional oil will begin to decline sooner than most people think, probably within 10 years

By Colin J. Campbell and Jean H. Laherrère



Jean-
Marie
Bourdaire

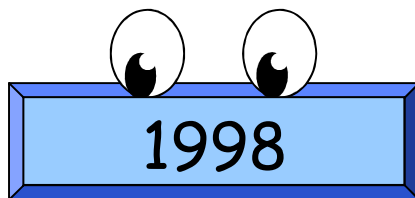


INTERNATIONAL ENERGY AGENCY

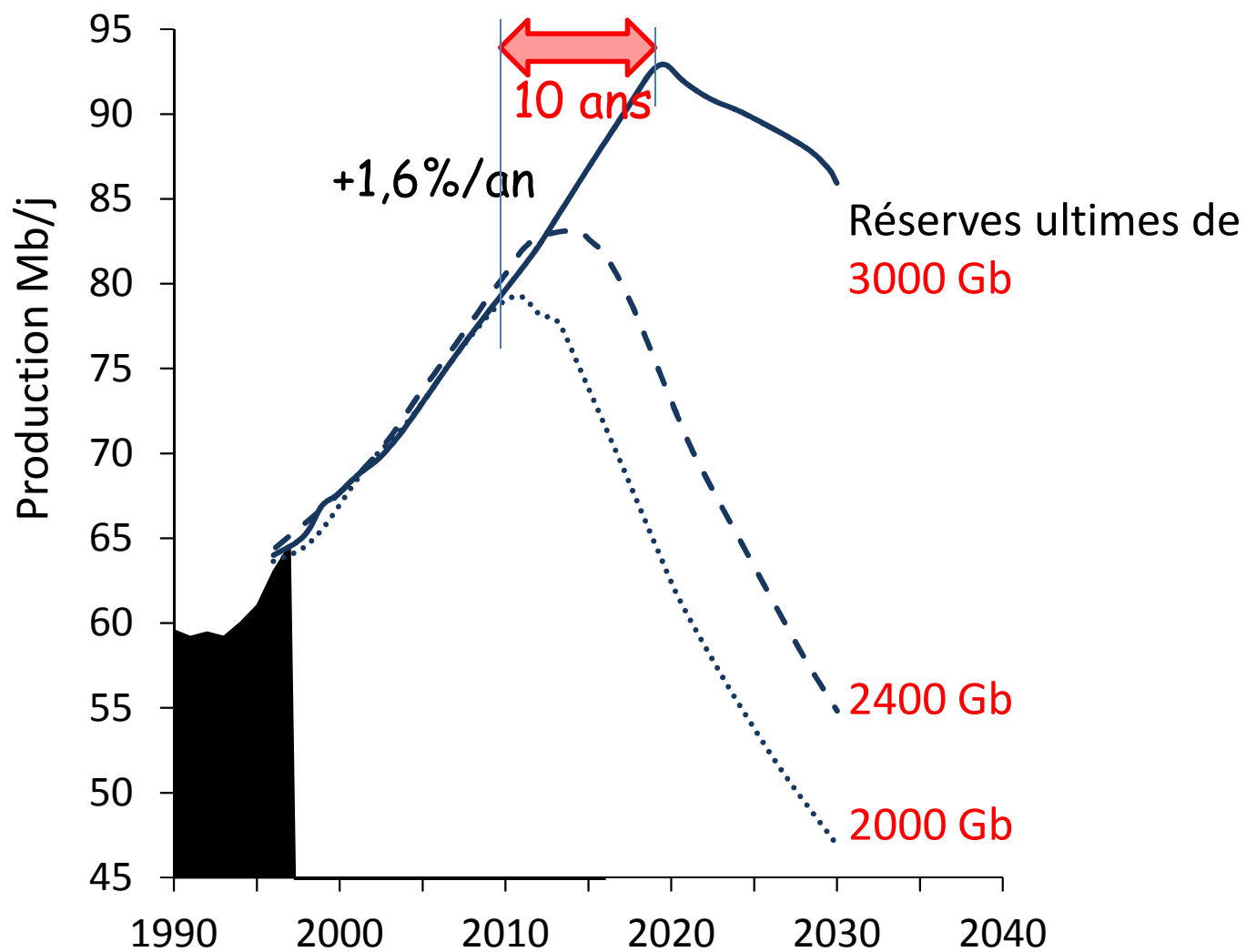
WORLD ENERGY OUTLOOK

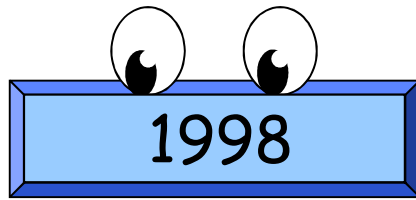
1998 EDITION



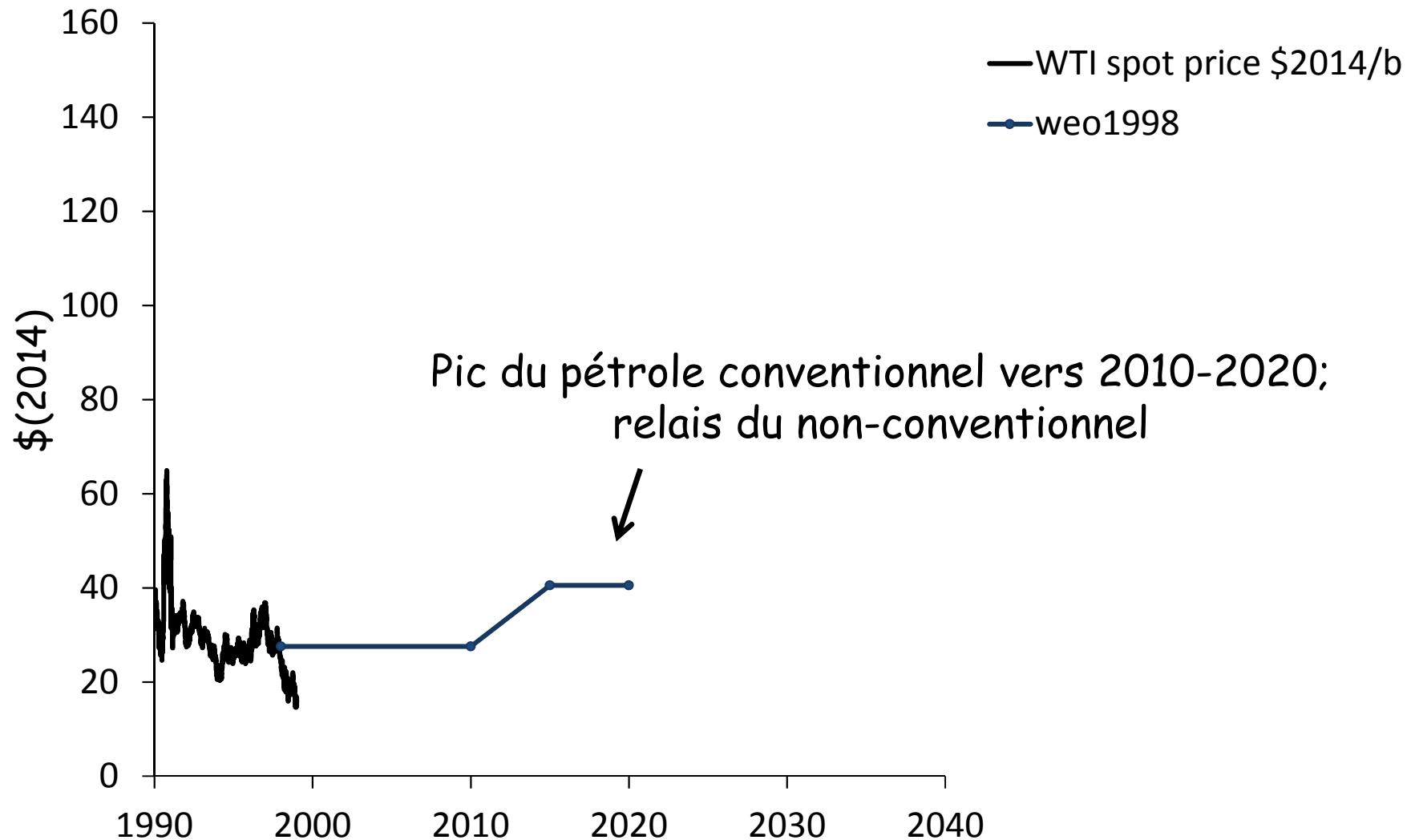


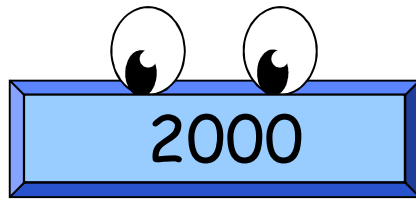
Production de pétrole brut conventionnel et projections de l'IEA du weo 1998



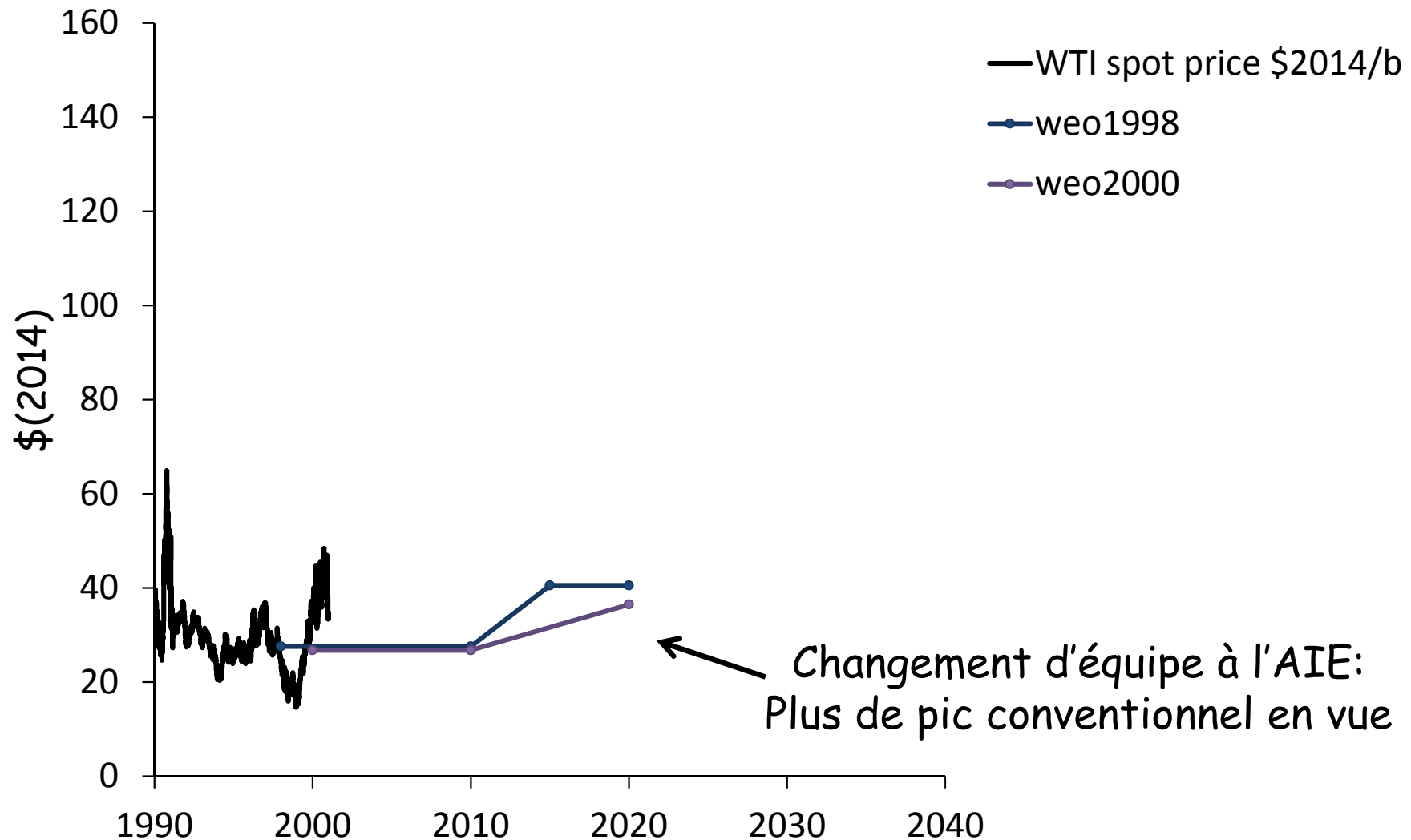


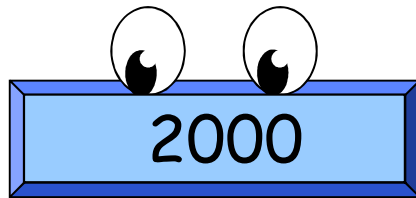
Projections de prix du pétrole de l'IEA



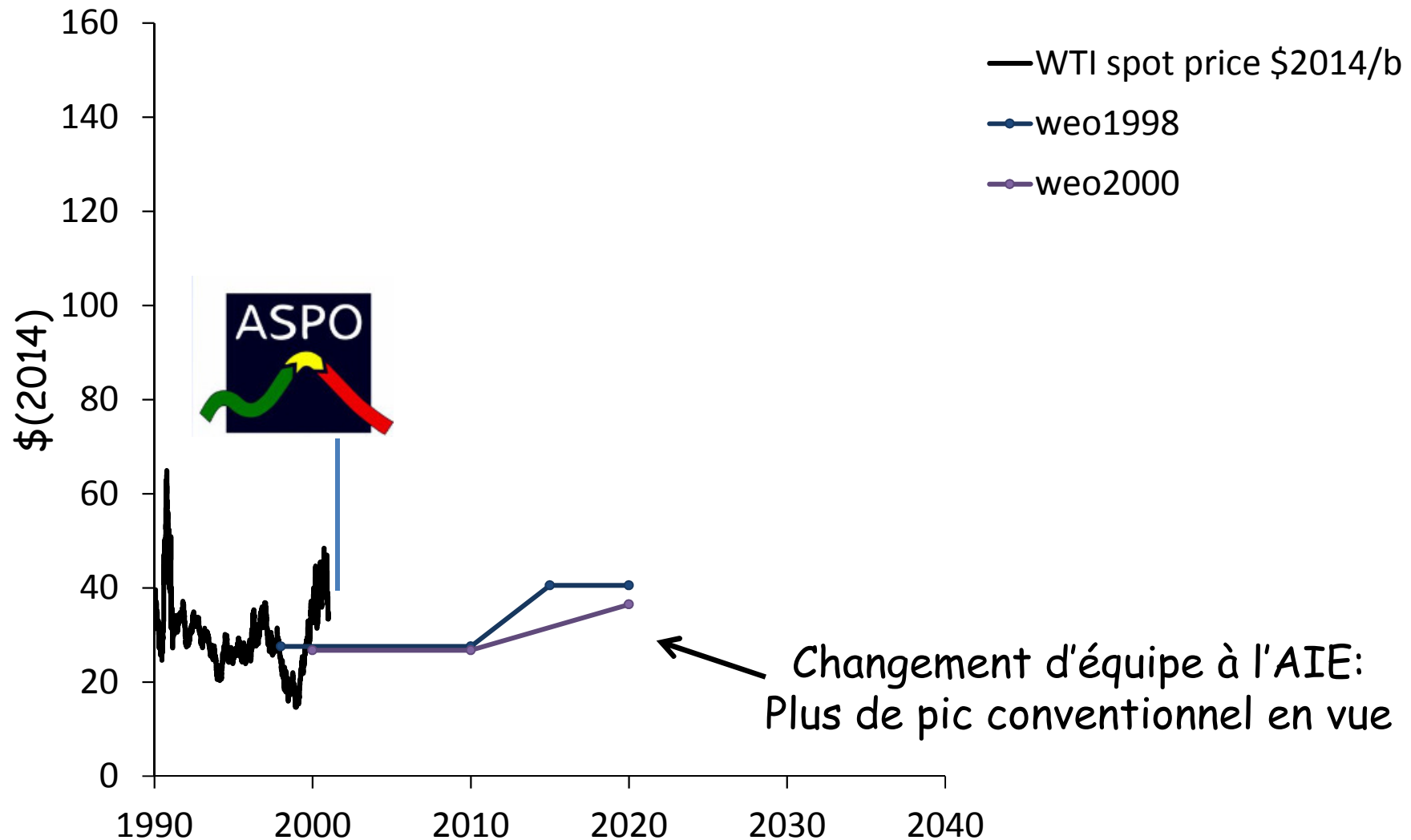


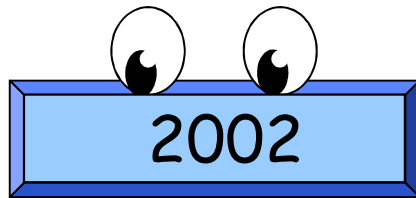
Projections de prix du pétrole de l'IEA



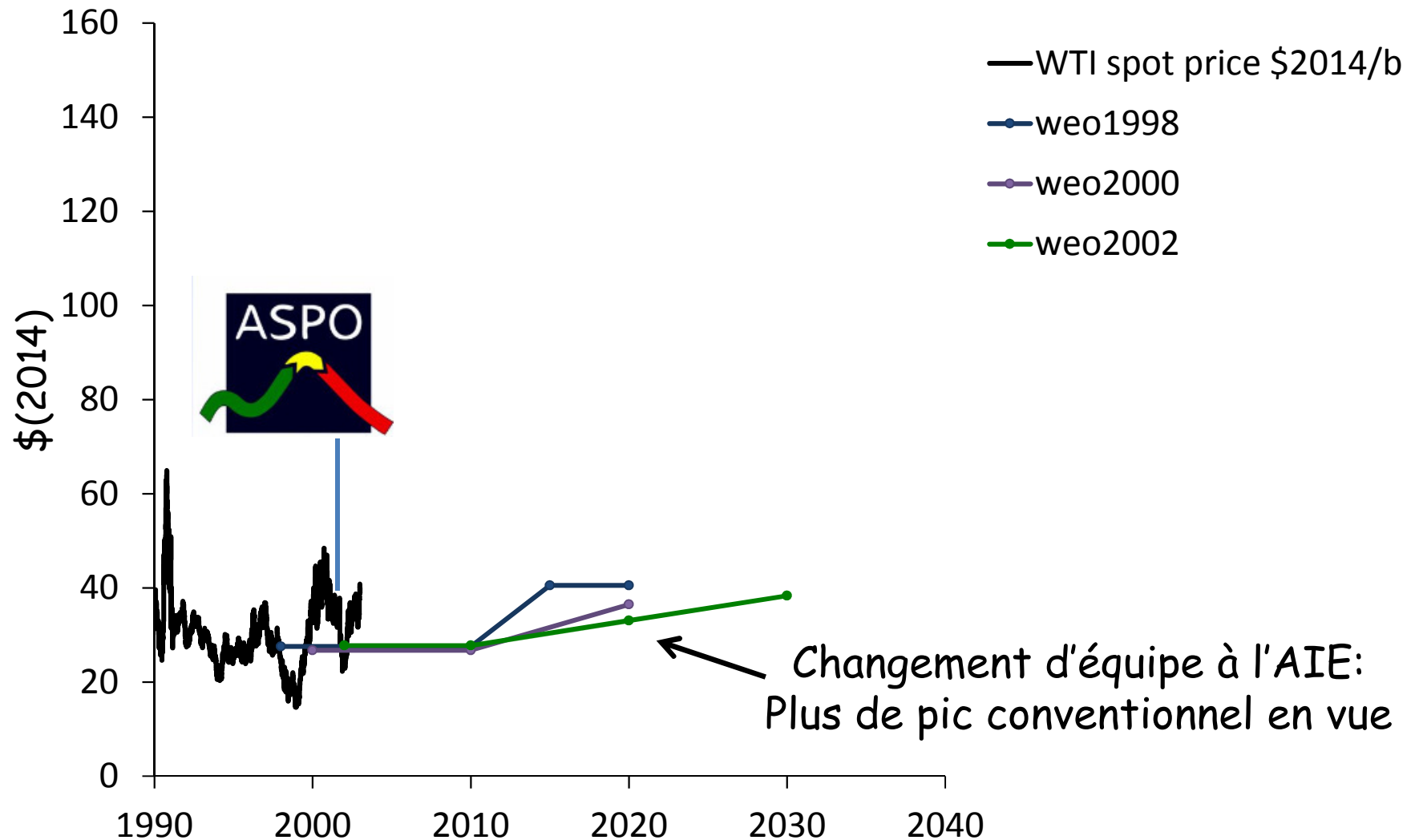


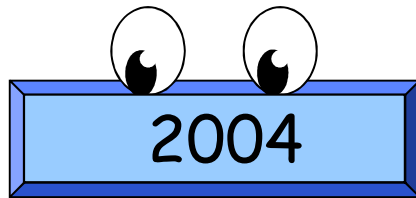
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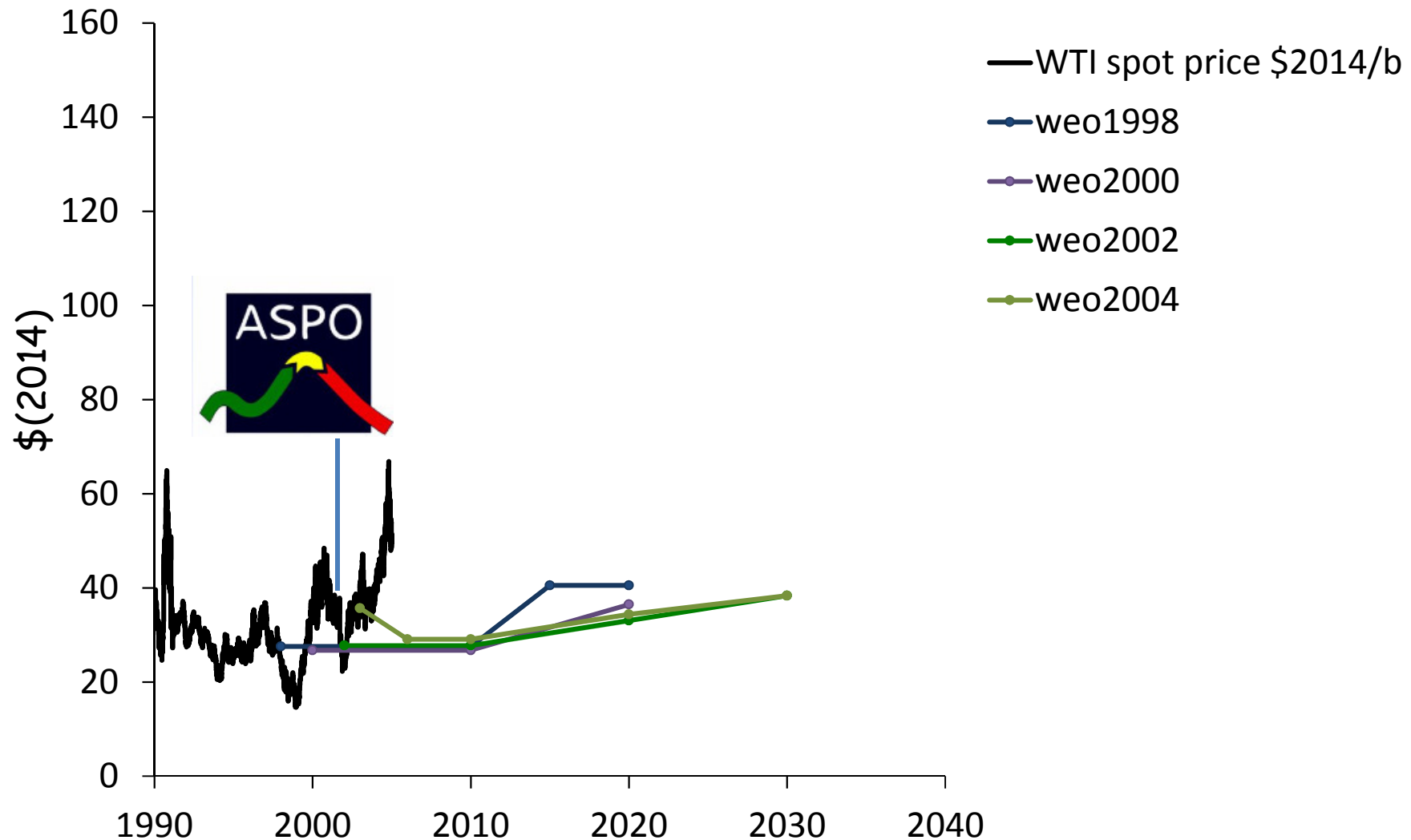


Projections de prix du pétrole de l'IEA

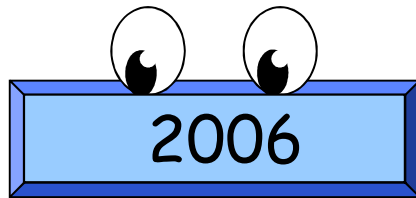




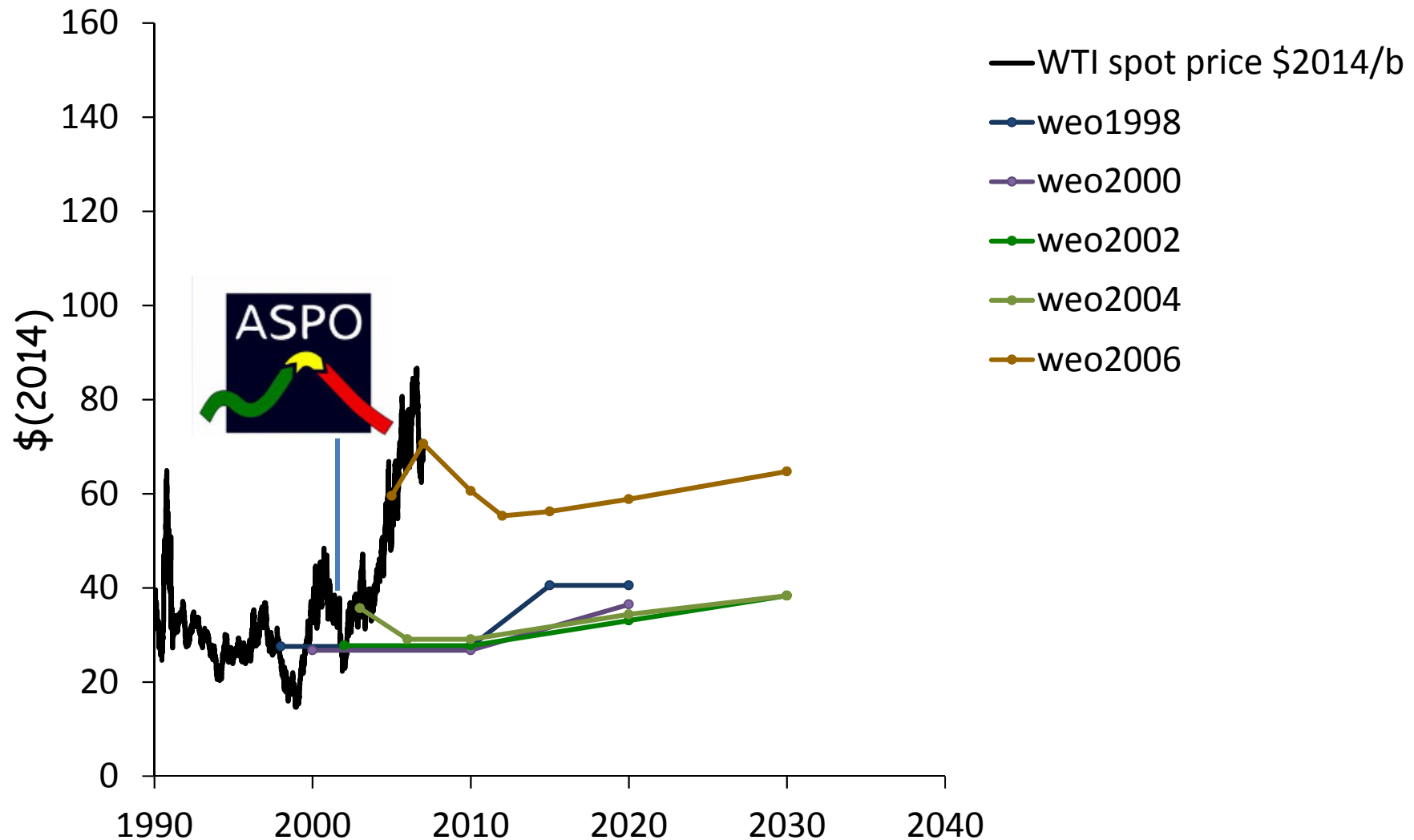
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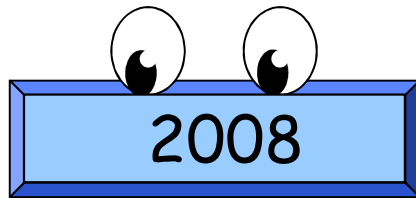
Source du prix du pétrole: eia



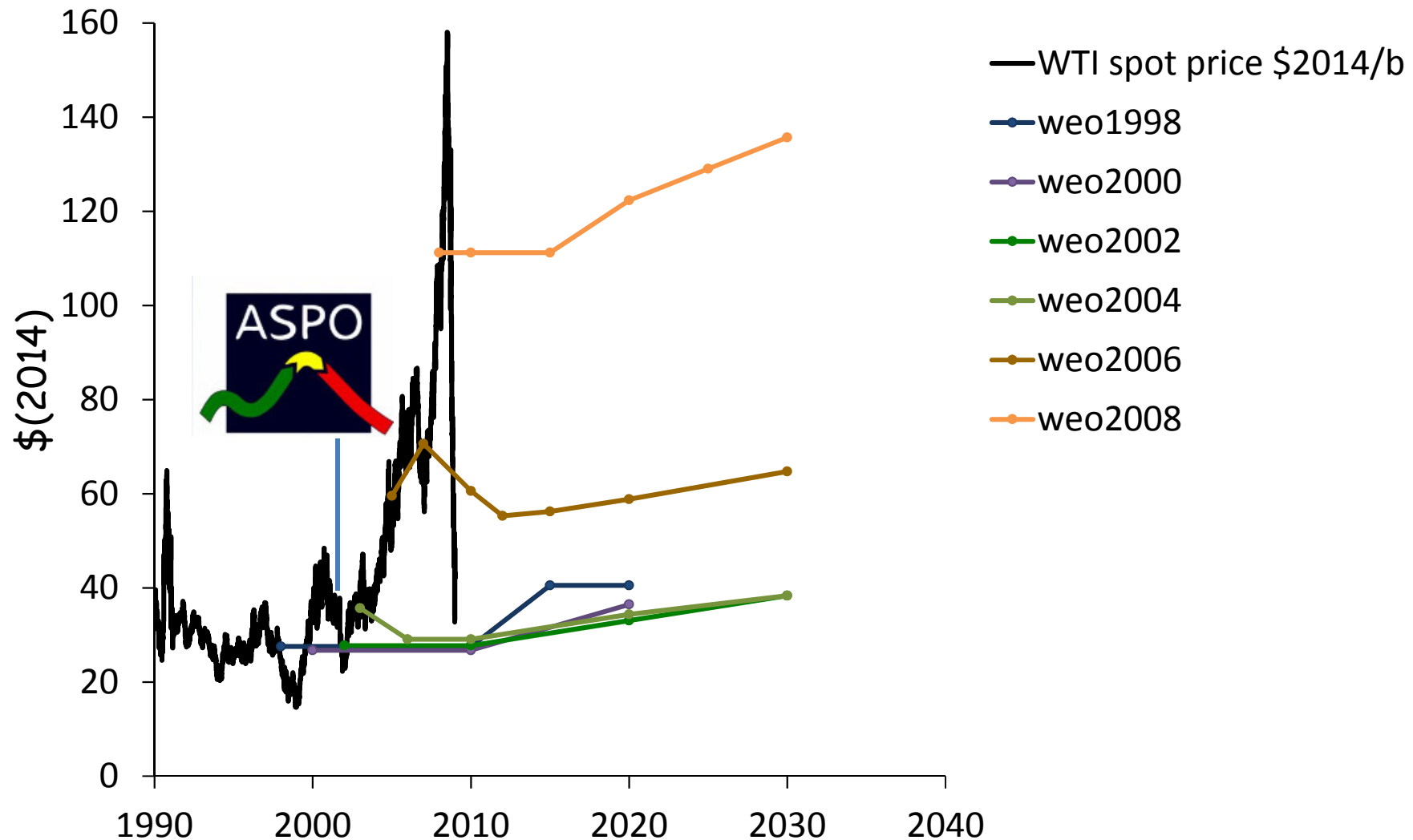
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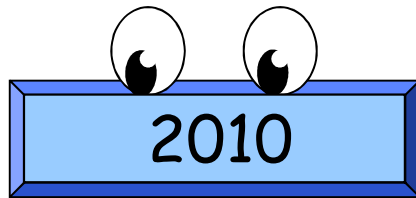
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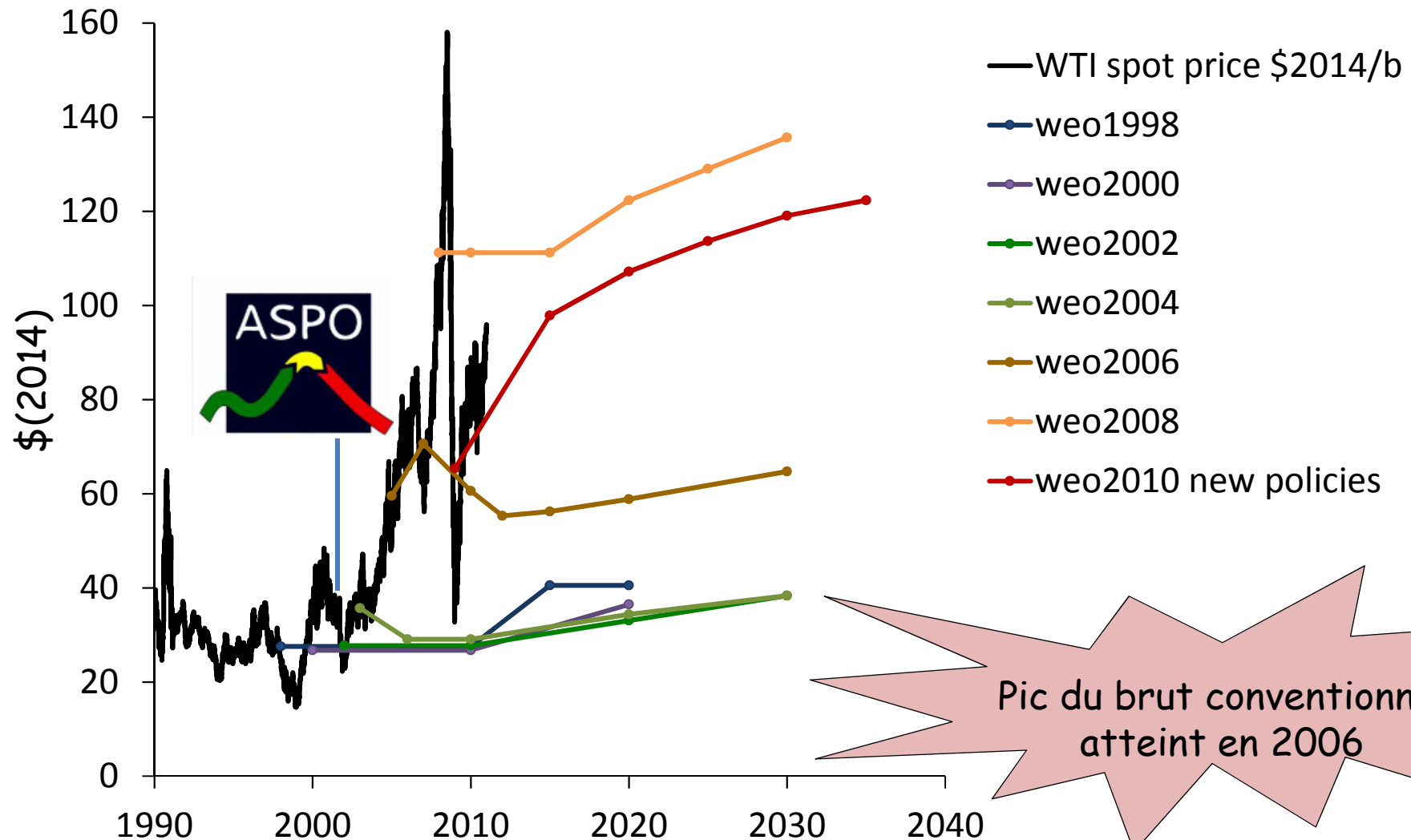
Projections de prix du pétrole de l'IEA



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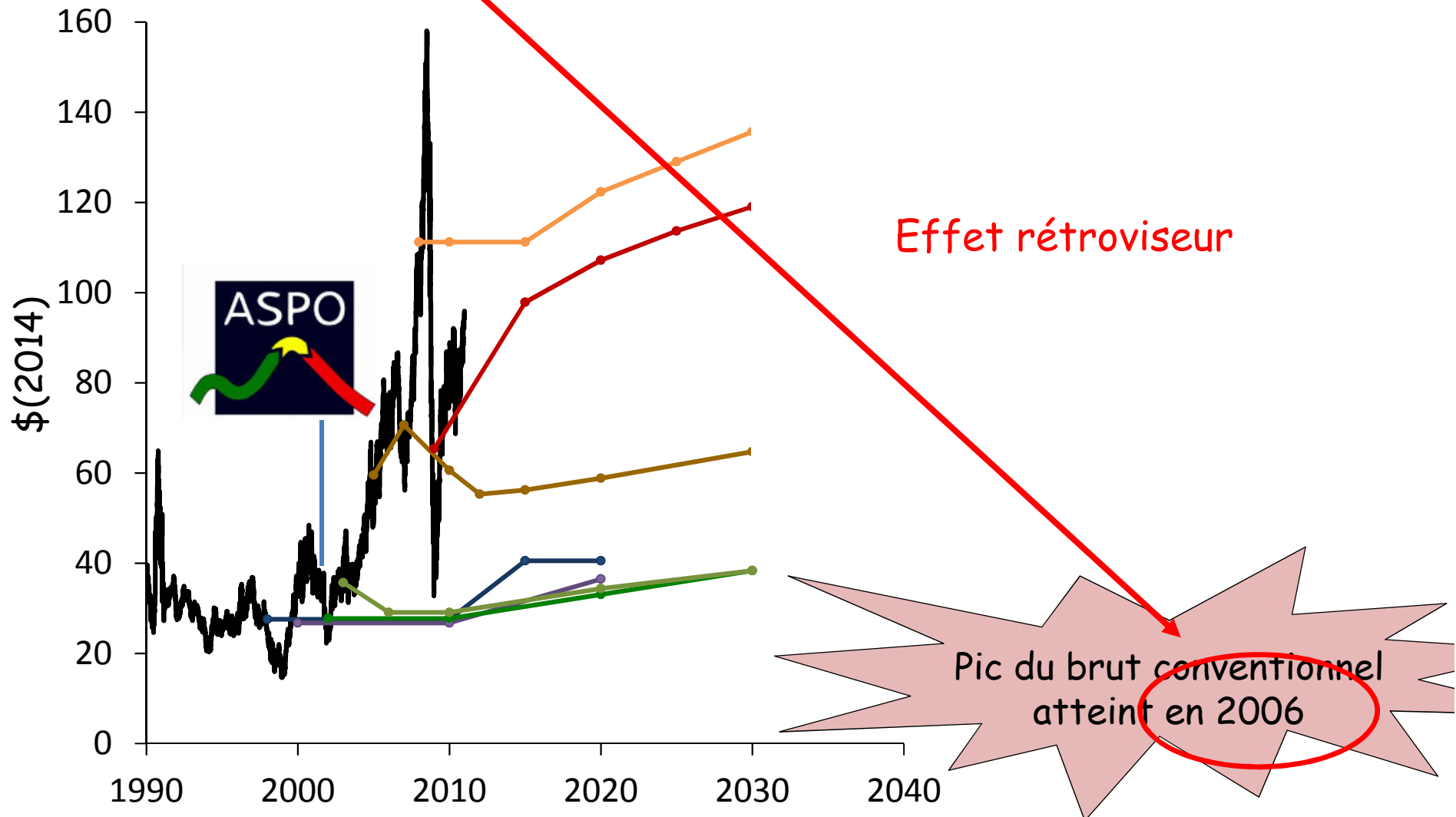
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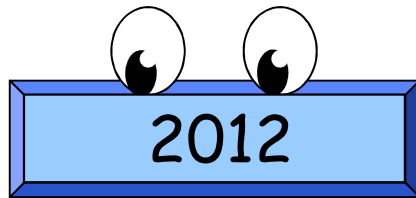
Source du prix du pétrole: eia

2010

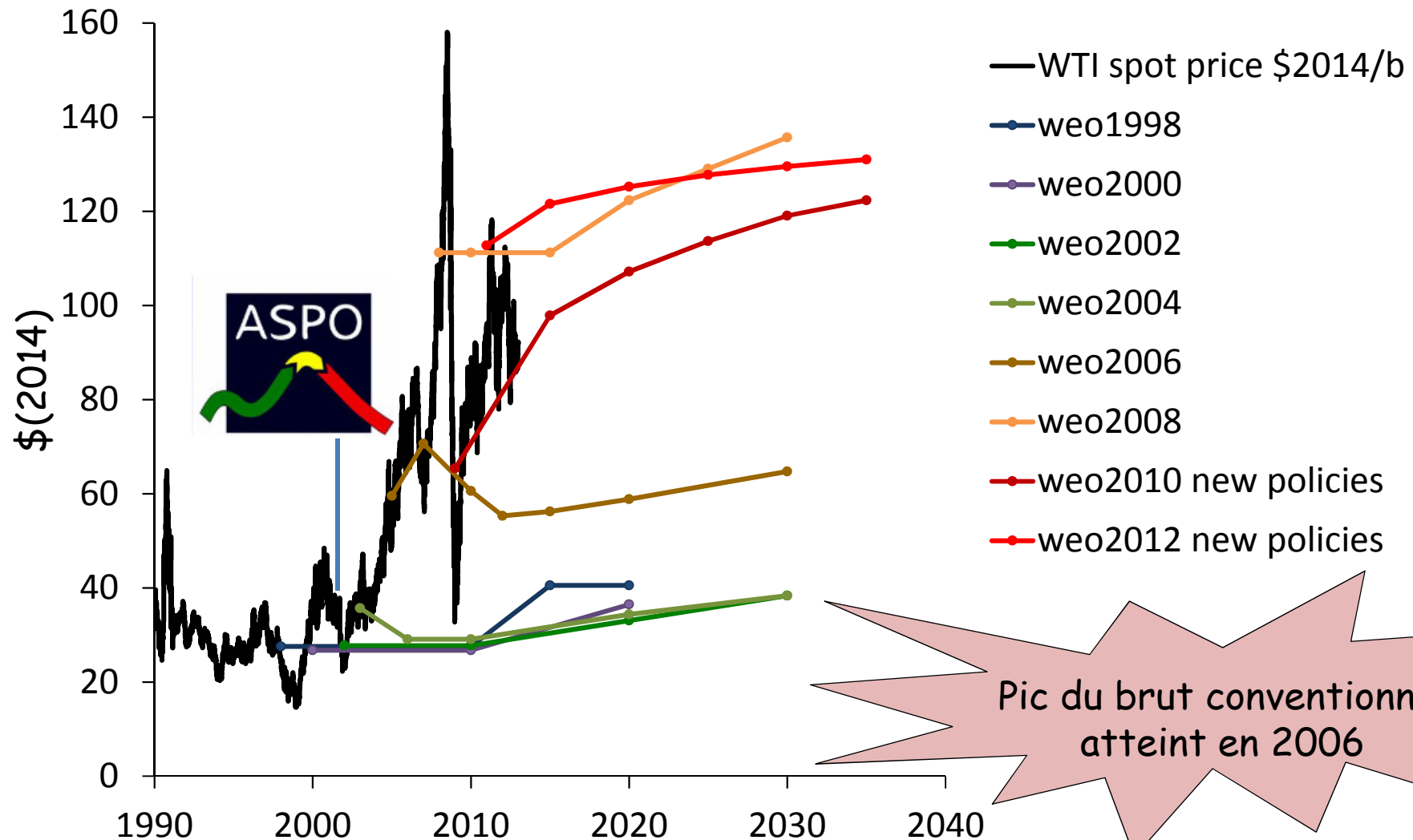
Projections de prix du pétrole de l'IEA



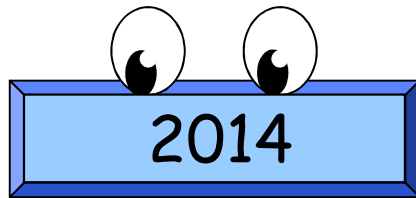
Source du prix du pétrole: eia



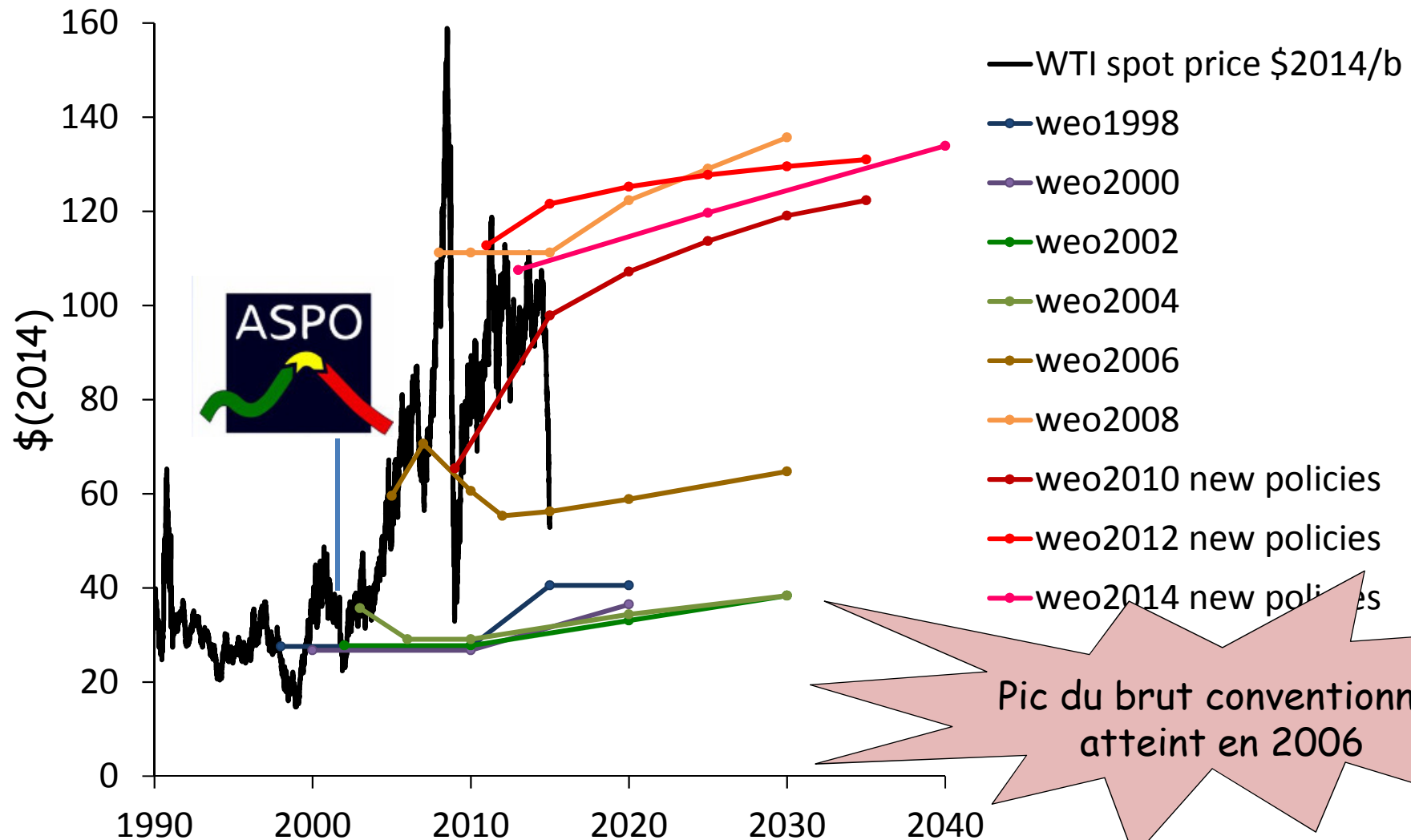
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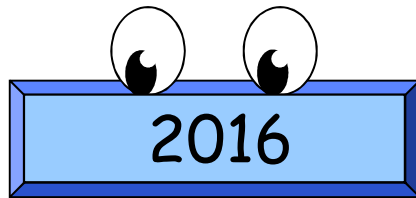
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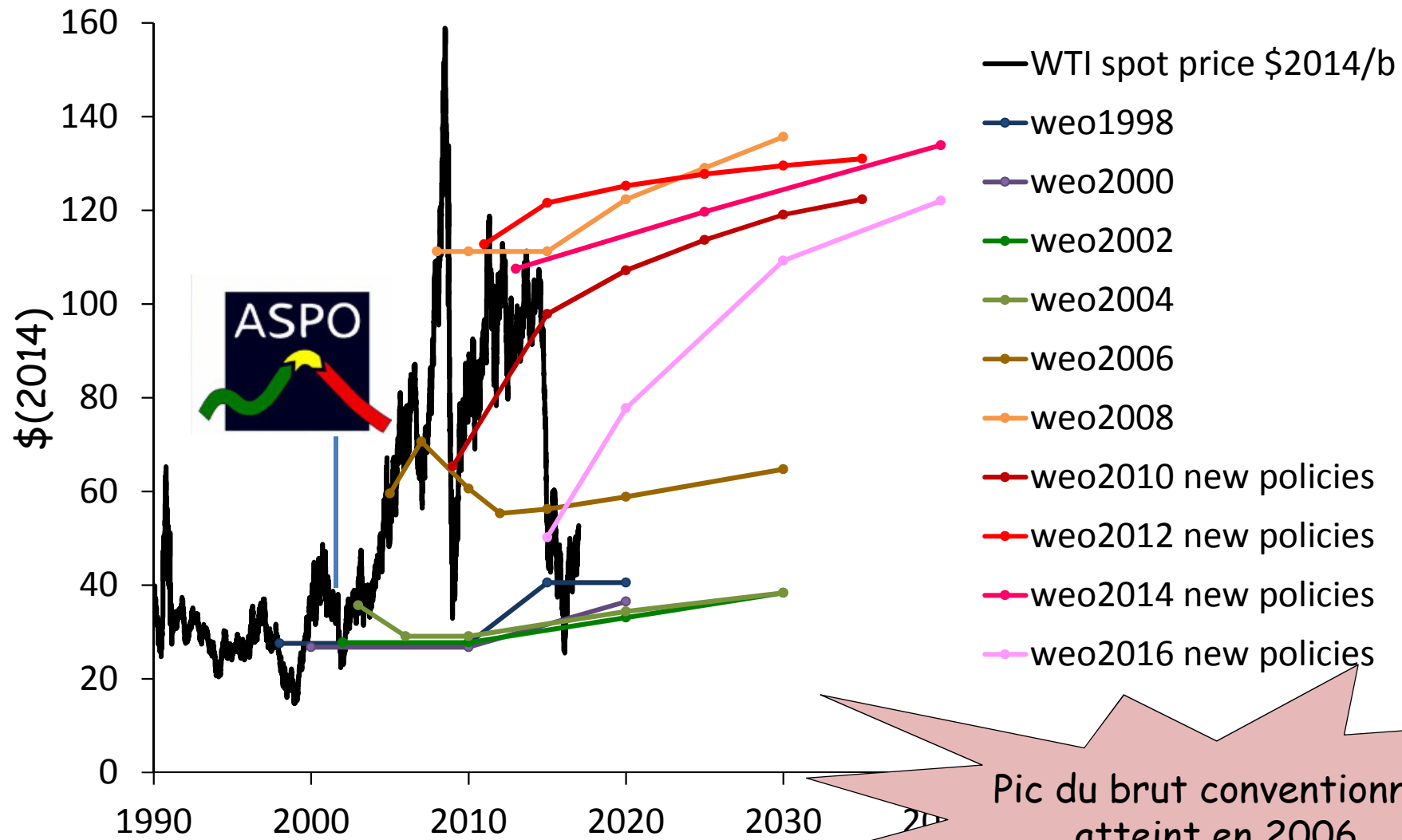
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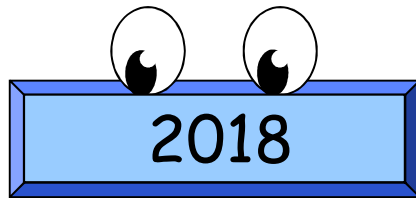


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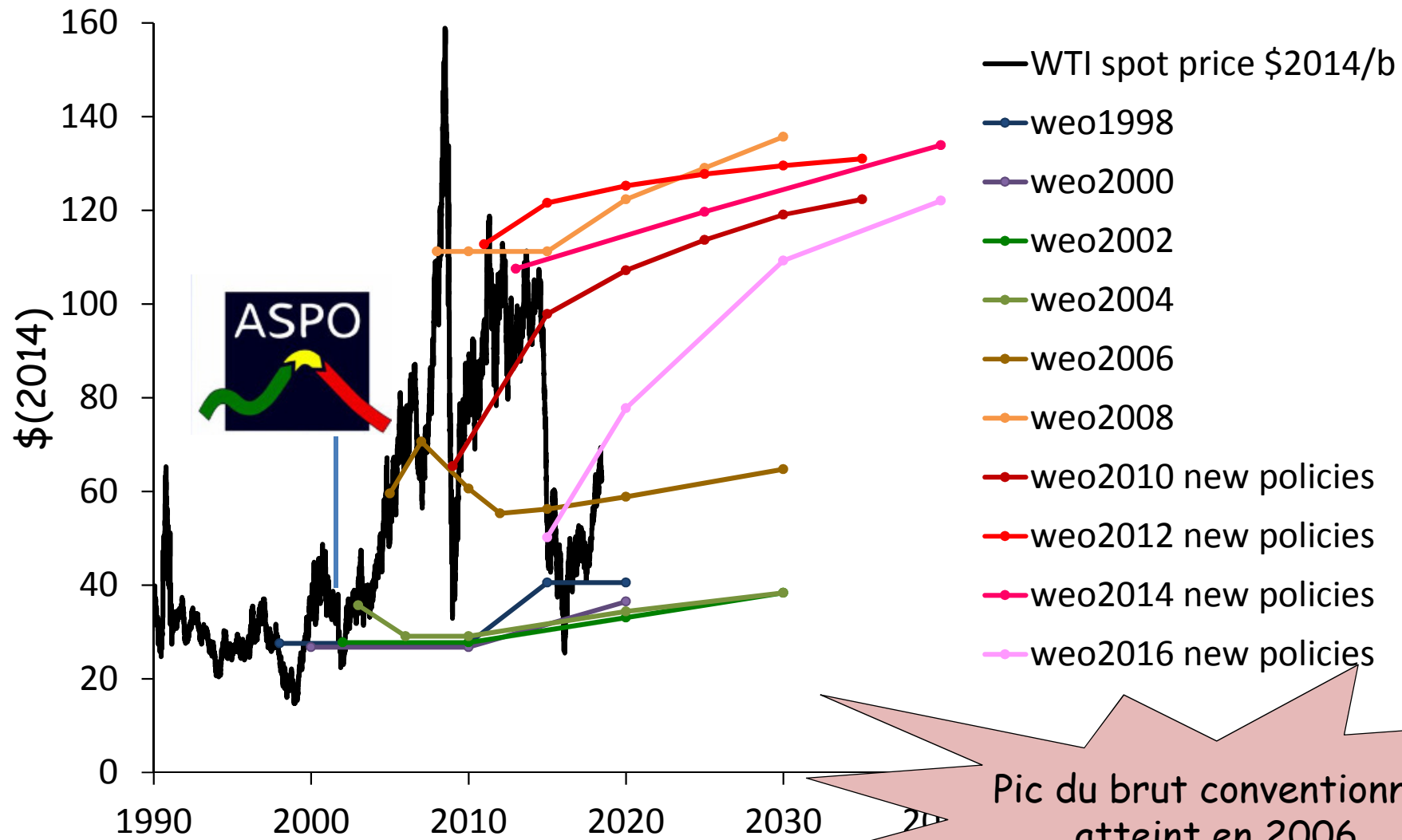


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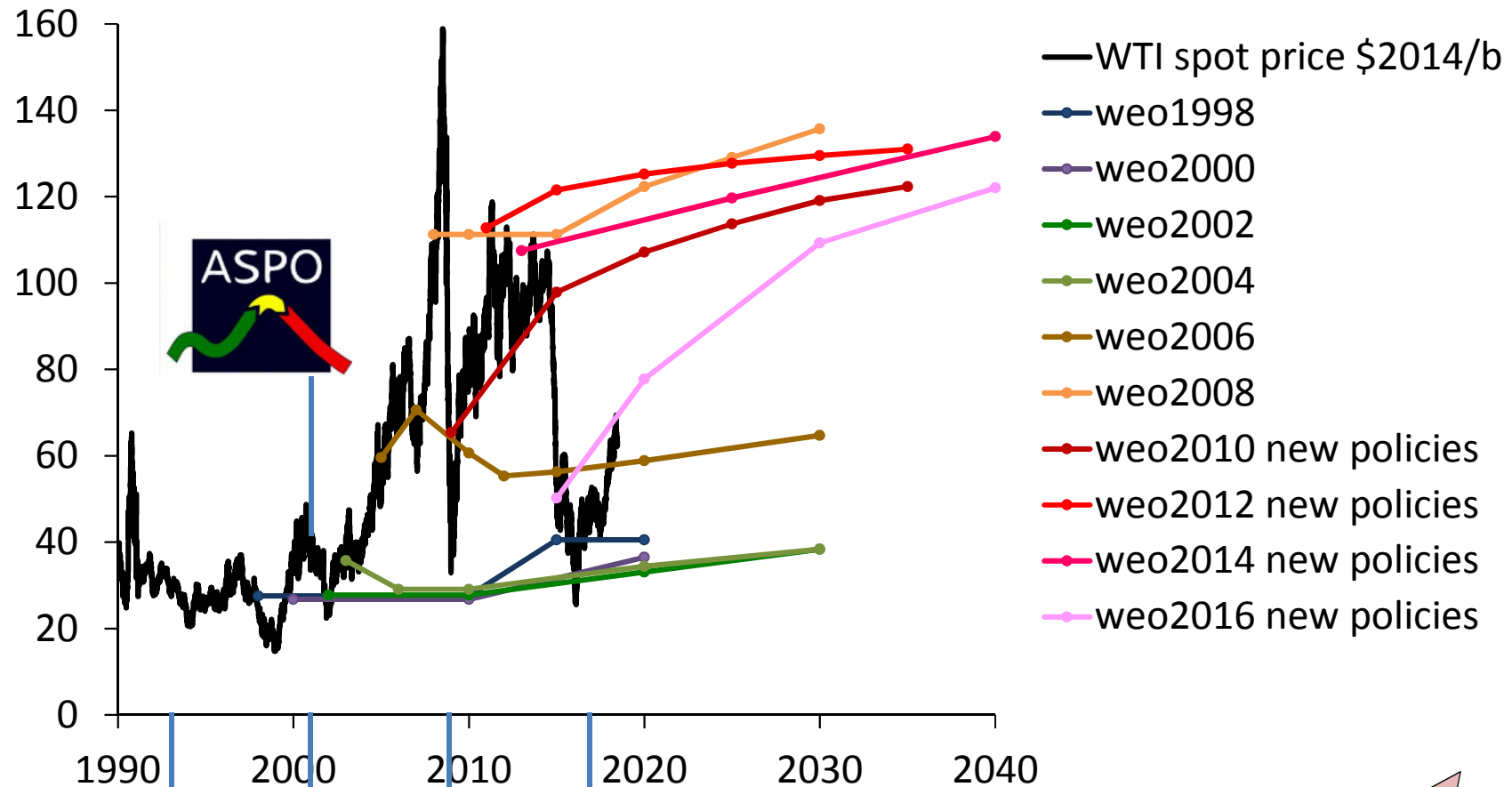




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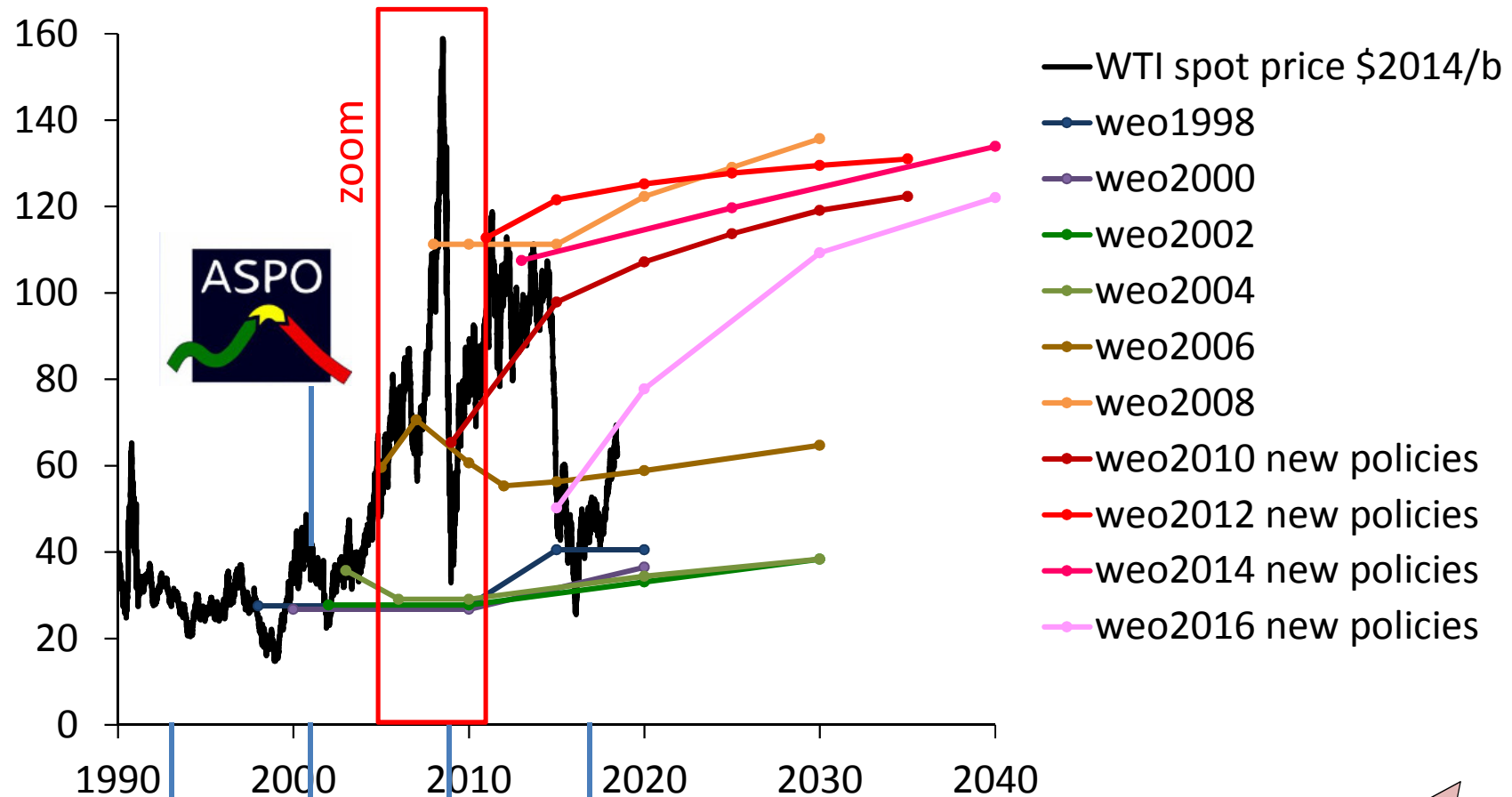


Echelle de temps de la transition pétrolière: décennies



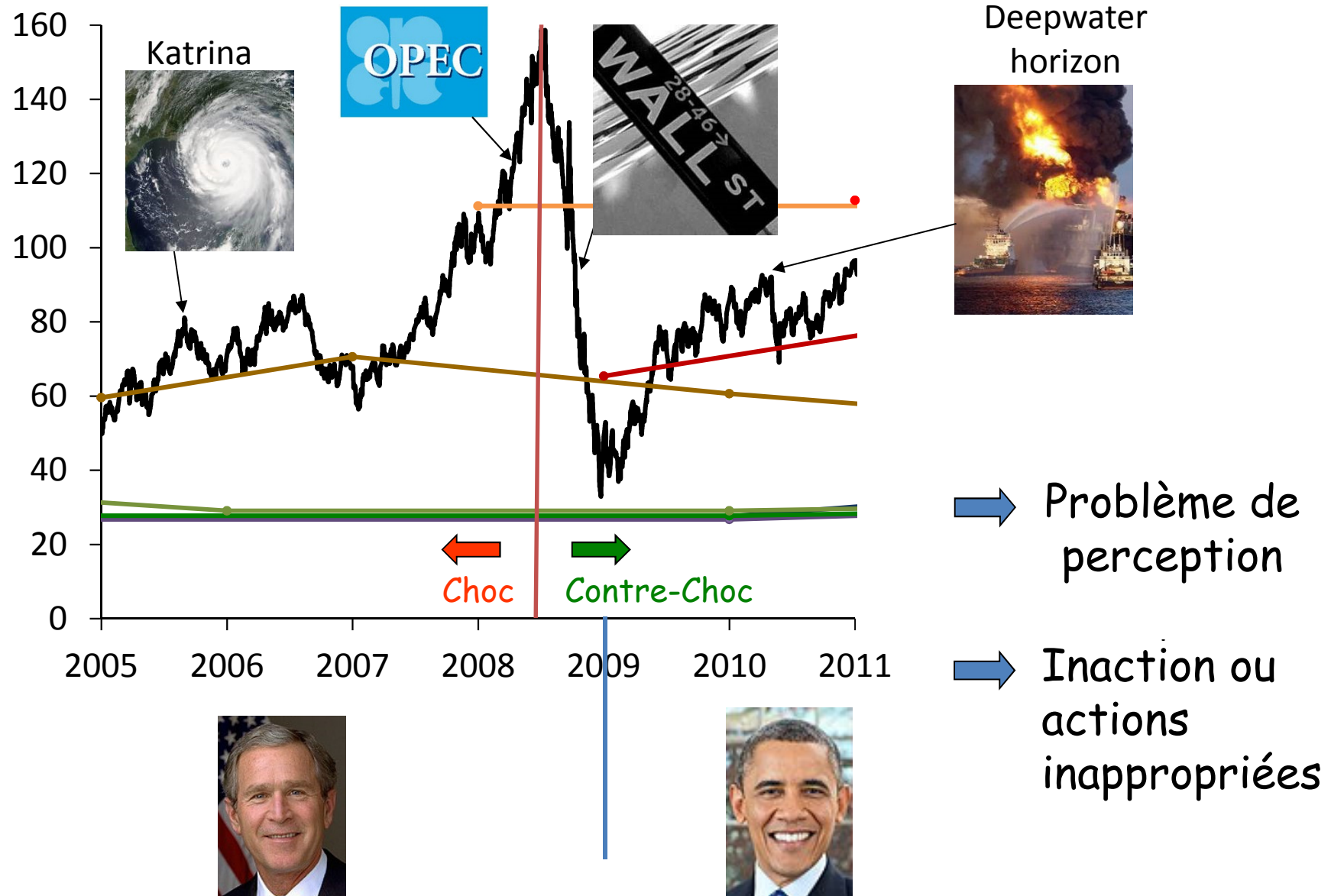
Pic du brut conventionnel
atteint en 2006

Echelle de temps de la transition pétrolière: décennies

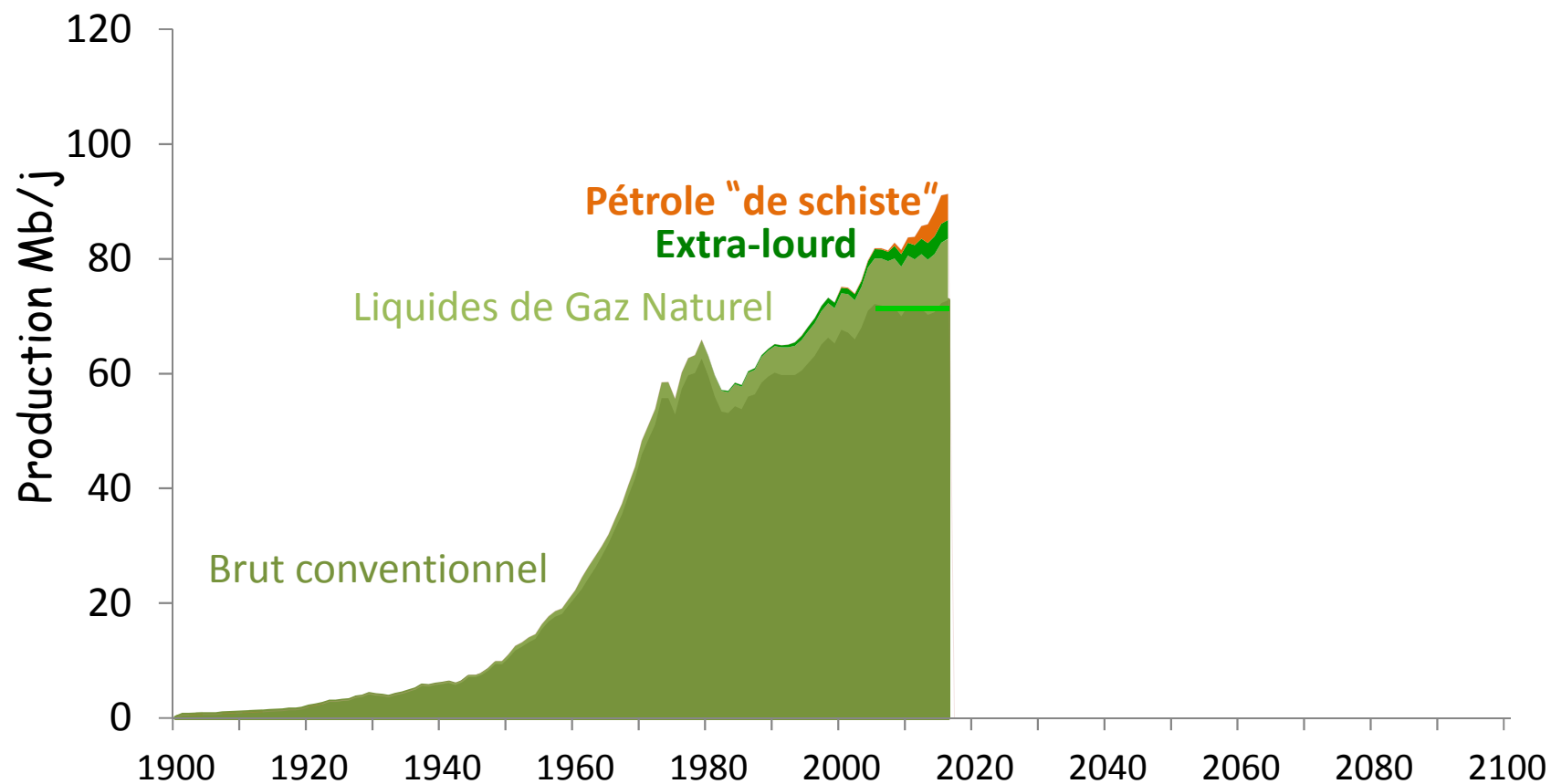


Pic du brut conventionnel
atteint en 2006

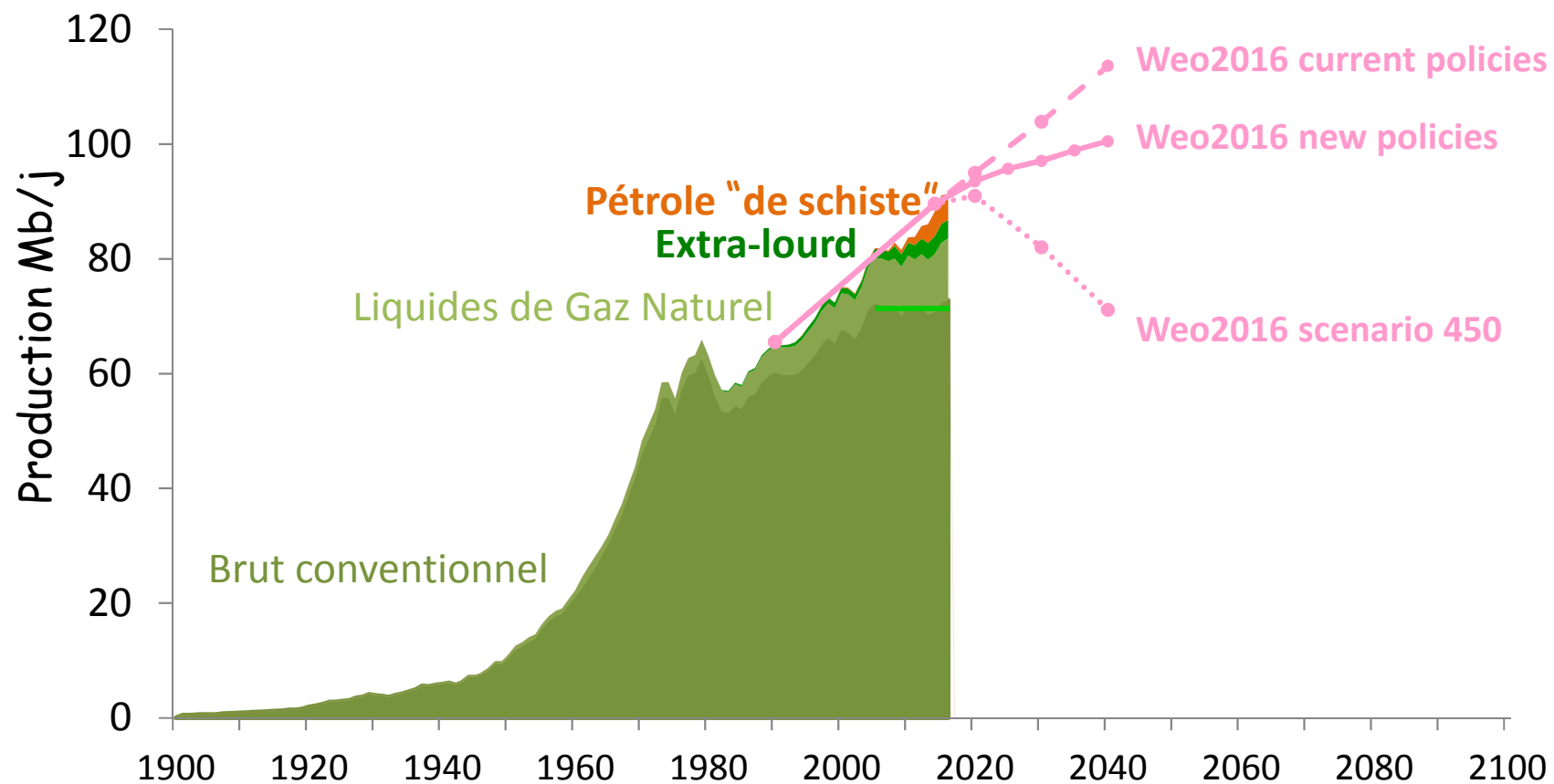
Echelle de temps de l'Homme: qqs heures - années



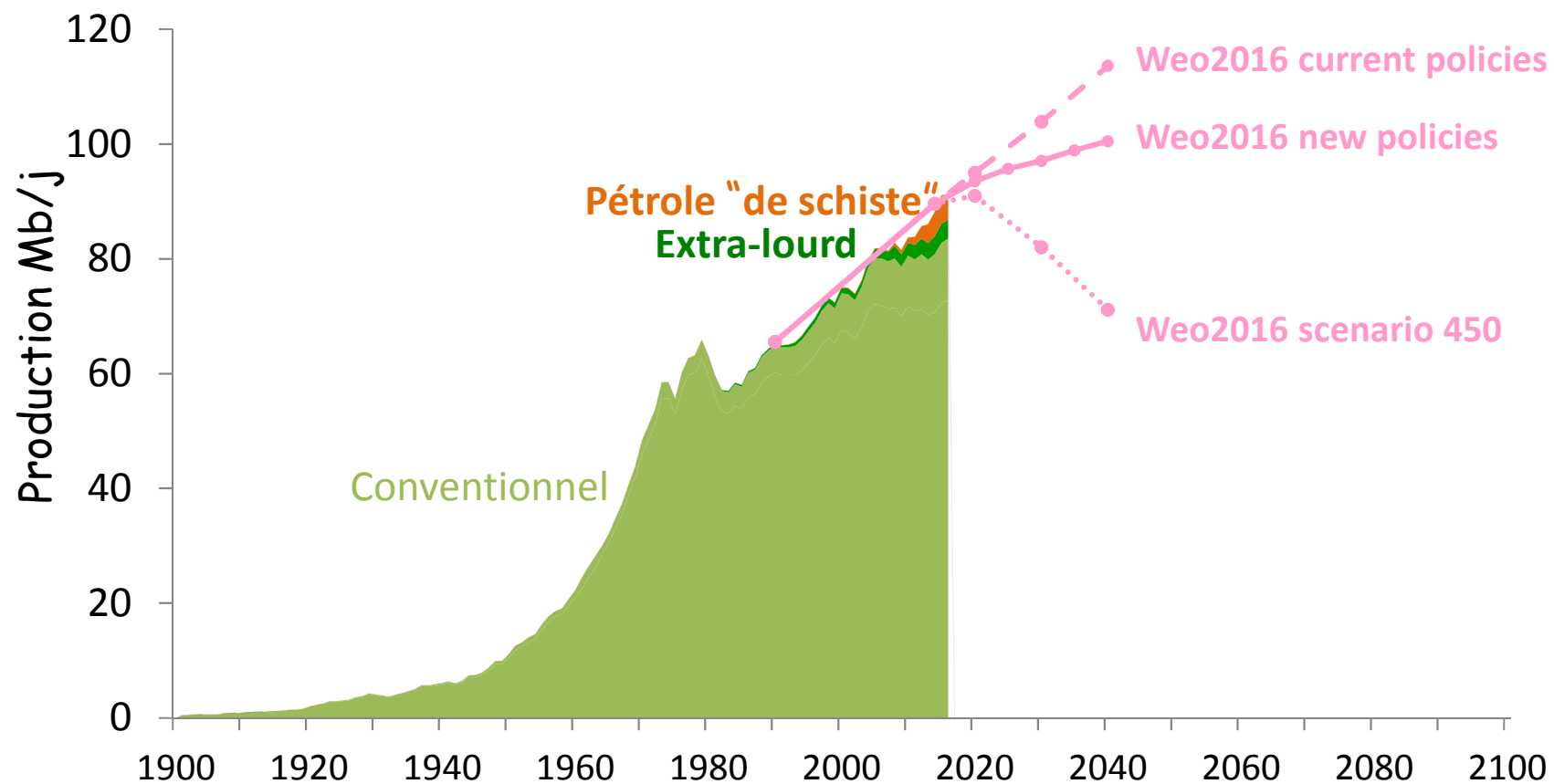
Evolution de la production tous pétroles



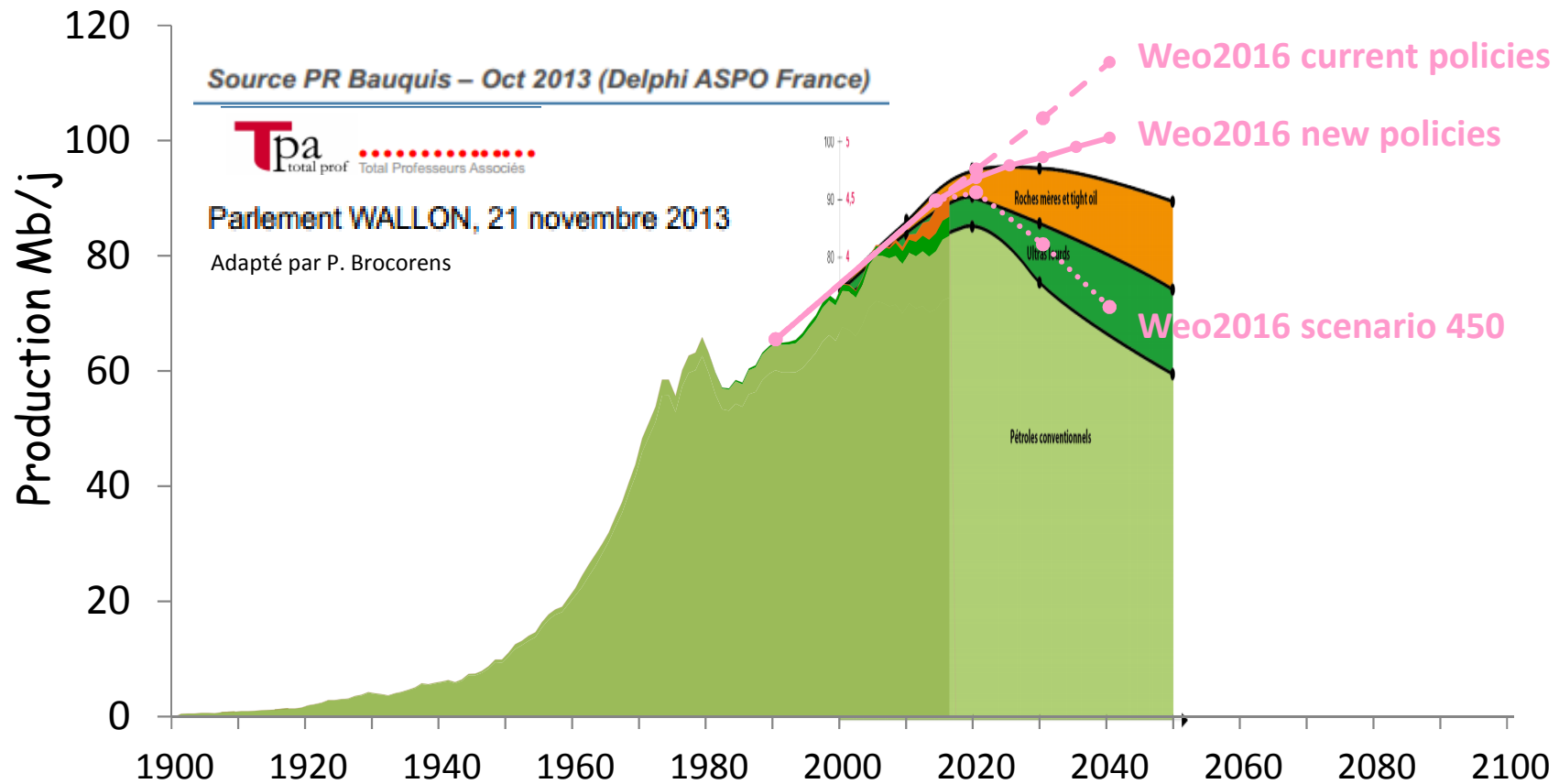
Evolution de la production tous pétroles



Evolution de la production tous pétroles



Evolution de la production tous pétroles



**Les pétroles non conventionnels changeront peu la date du « Peak Oil »
mais adoucissent fortement la pente du déclin de la production mondiale**



RAPPORT
D'ENQUETE PUBLIQUE DU PARLEMENT WALLON
SUR LES LIENS ENTRE L'ECONOMIE ET LE PIC
PETROLIER, ET LES IMPLICATIONS POUR LA
WALLONIE

2014

Patrick Brocorens, ASPO.be
Michel Wautelet, ASPO.be
Pierre Serkine



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Je vous remercie de votre attention

Patrick Brocorens

