

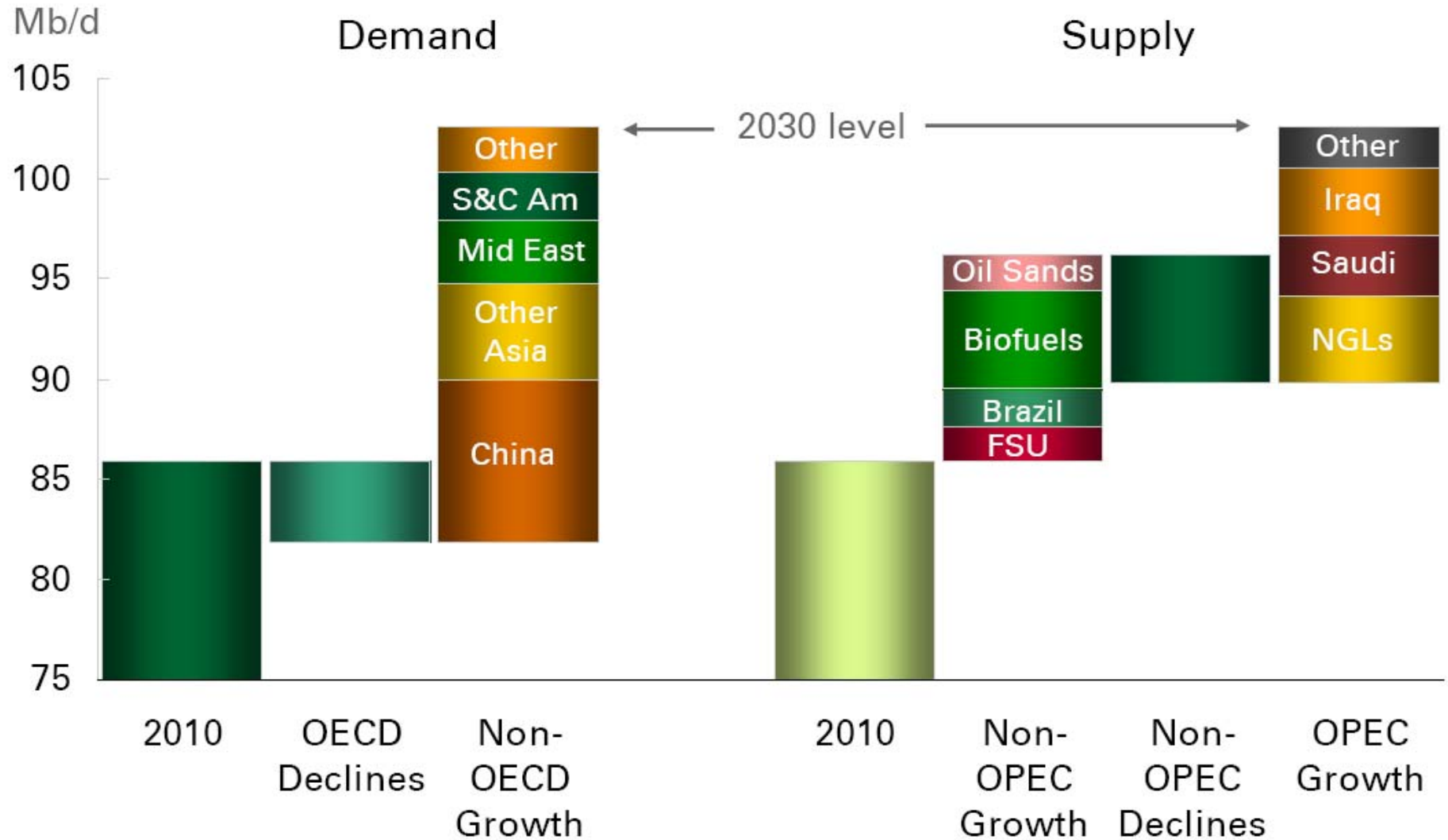
bp



Biofuels: renewable reserves for an international oil company

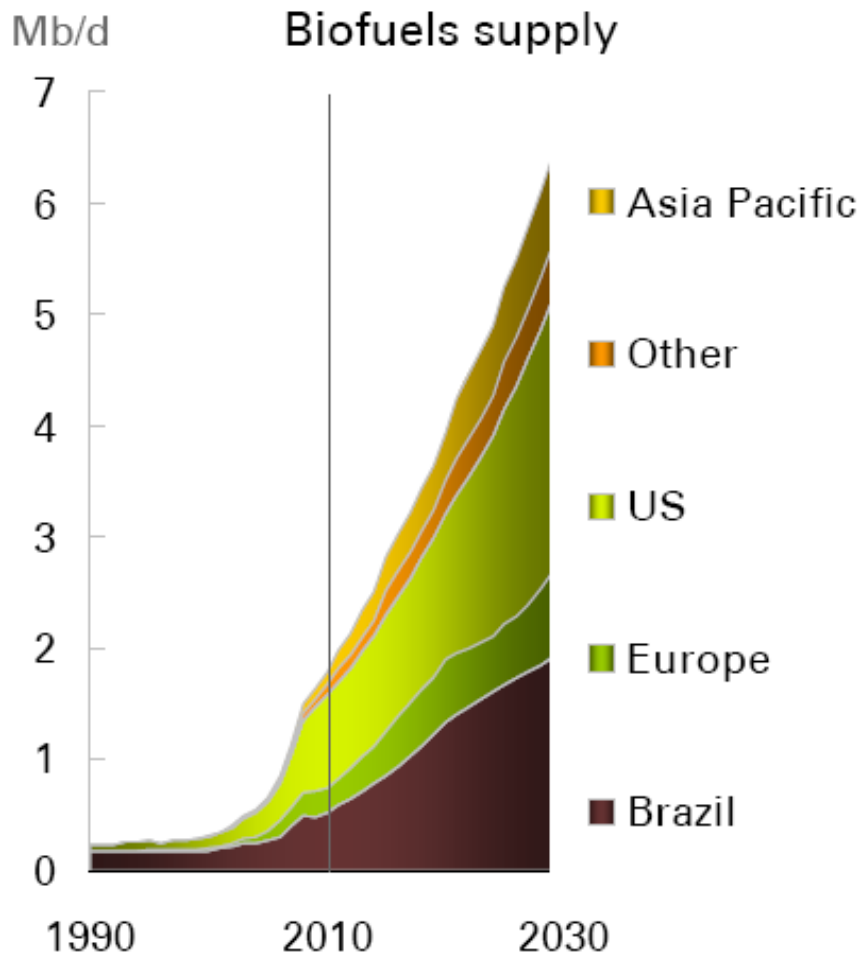
Philip New, CEO BP Biofuels
June 2011

Liquid fuel demand growth will be met by supply growth from OPEC & Biofuels



Source: BP Energy Outlook 2030

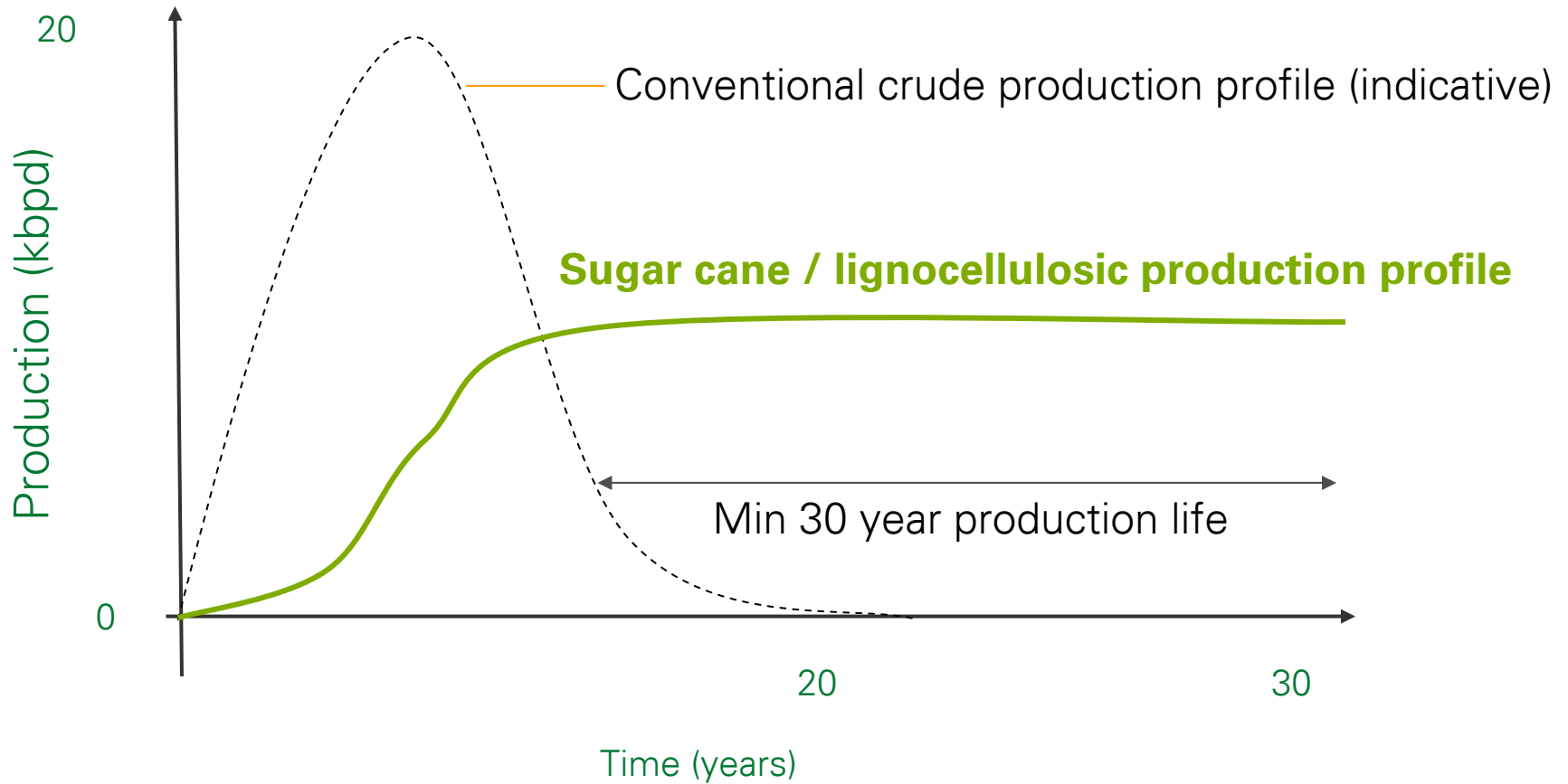
Biofuels will meet an increasing share of the fuel market



In the next 20 years:

- Biofuels supply will more than triple to around 6.5 million barrels of oil equivalent per day.
- Biofuels will be 9% of transport fuels, representing 40% of total supply growth post 2020.

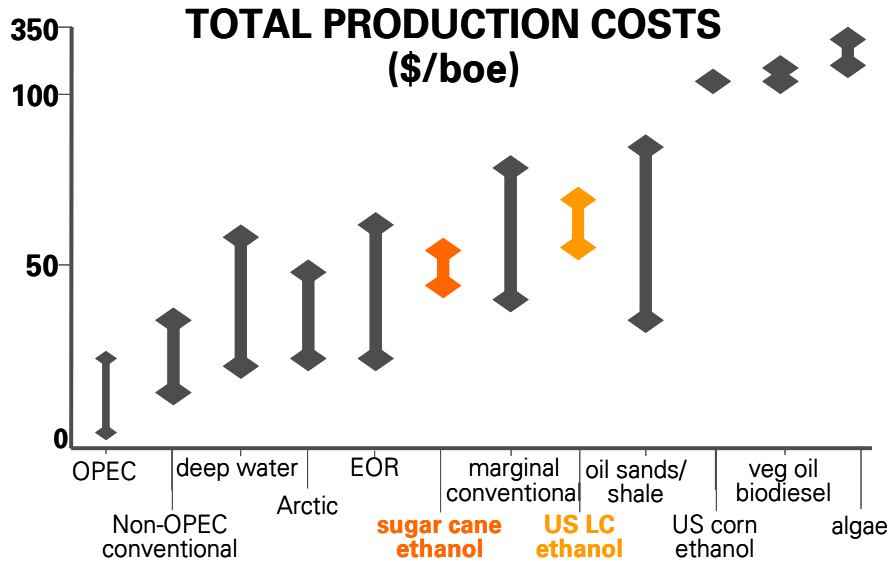
Biofuels: renewable reserves





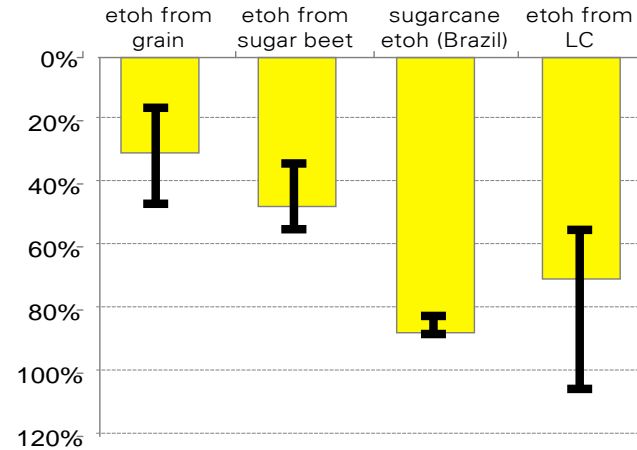
Biofuels must be

Low cost



Low carbon

GHG reductions from selected biofuels (vs. gasoline)

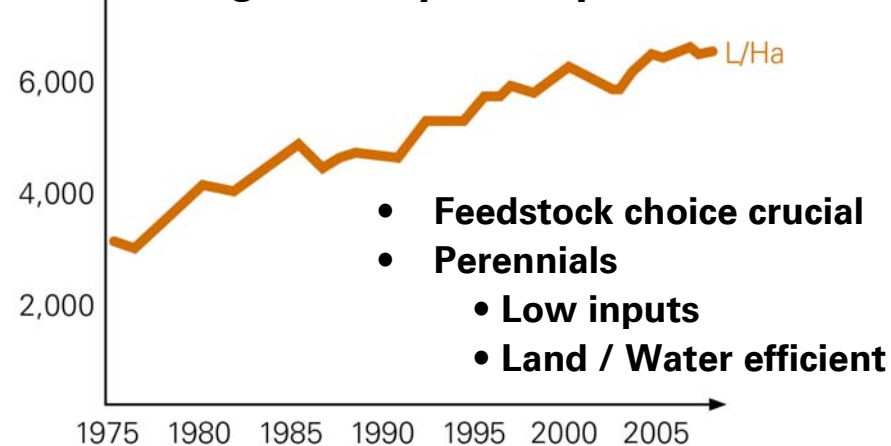


Scalable

- **90 billion gallons of sustainably produced biofuel by 2030.** (Sandia Nat'l Labs & General Motors)
- **Brazilian sugar cane harvest expected to reach 1 billion tonnes by 2020, almost double the 2010/11 harvest (UNICA)**

Sustainable

Sugar cane yield improvements





BP Biofuels: a growing alternative