



Biodiesel Big Picture

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Questions on the Table

How can the global biodiesel markets grow?

How can the industry demonstrate and overcome the challenges of sustainability, financing and technology in the development of a global sustainable product?

How can the industry better communicate the sustainability of biodiesel?





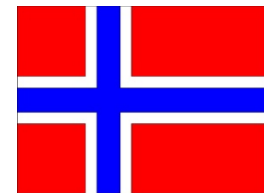
How can the global
biodiesel markets grow?





How can the global biodiesel markets grow?

Mandates





How can the global biodiesel markets grow?

With mandated markets in place, growth will come from enforcement of increasing blend mandates.

Largest markets for biodiesel out to 2020 are likely to remain the EU and the USA.

Total volume could grow from less than 10m MT in 2008 to 30m+ by 2020

The challenges are going to be in maintaining the mandates in the face of possible increase in food prices in absolute terms or relative to energy and secondly pushback on GHG reduction through Indirect Land Use Change (ILUC) calculations.

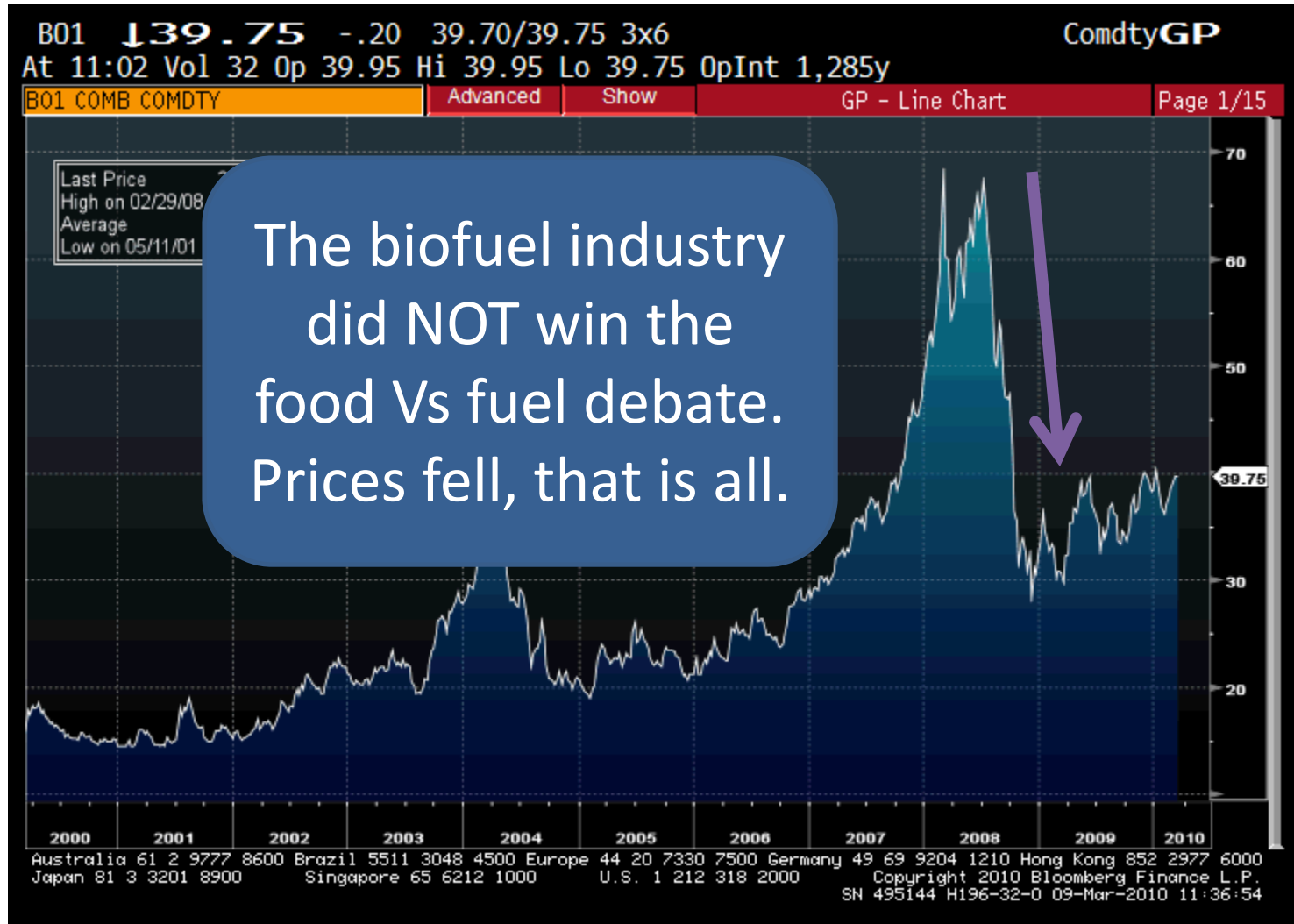


10 year history of CBOT Soy Oil prices

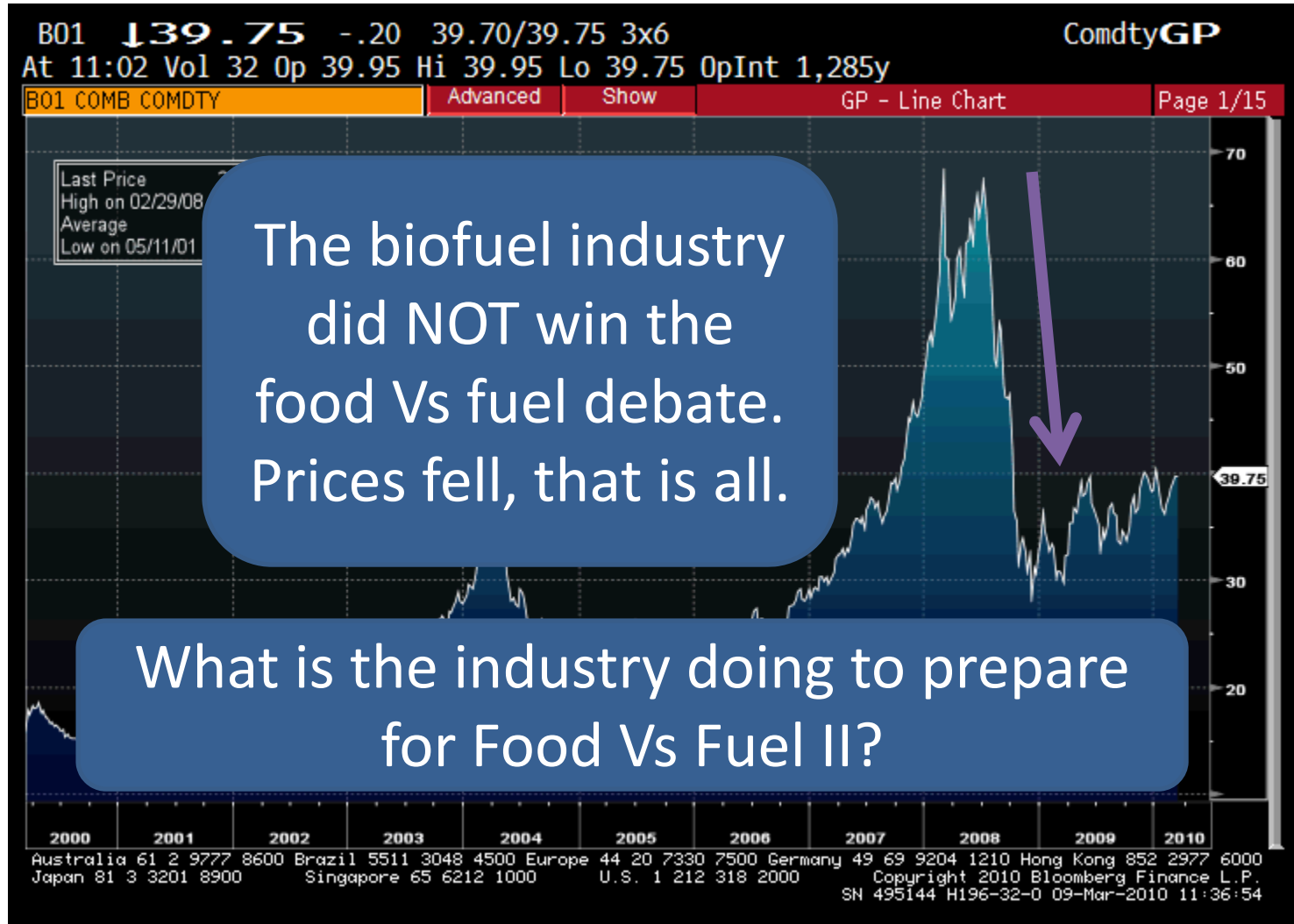
Price
in US
cents
per LB



10 year history of CBOT Soy Oil prices



10 year history of CBOT Soy Oil prices



10 year Bean Oil – Gasoil Spread



Spread
in
Metric
Ton

10 year Bean Oil – Gasoil Spread

Spread
in
Metric
Ton



10 year Bean Oil – Gasoil Spread



10 year Bean Oil – Gasoil Spread

Spread
in
Metric
Ton





Sustainability





Sustainability

Debate is currently about Indirect Land Use Change, but don't rule out the debate itself changing should the biofuels industry win this round.

Through grandfathering of existing facilities it is quite possible that the current biofuels industry downside is limited in a practical sense. The danger will come from environmental groups looking to change the mandates.

This debate does not appear to be about science. It seems more about politics being played out through the global media.

Is the biofuels industry good at using the global media?





Is the biofuels industry good at using the global media?

Sometimes.





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