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The impact of EU sugar quota removal on EU external trade in sugar: a bilateral perspective

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Objective:

- "... simplification and greater <u>market orientation</u> of the EU's sugar policy ... "
- " ... integration of income support for sugar beet farmers into the direct payment system ... "

How?

- Stepwise reduction of the <u>EU reference prices</u> and minimum beet price for the production of quota sugar
- Restructuring of the sugar production (decrease of sugar quota:
 -5.8 mio tons; restructuring and diversification aid, ...)
- Final step: expiry of sugar quota in 2014/15

Methodology



CAPRI modelling system

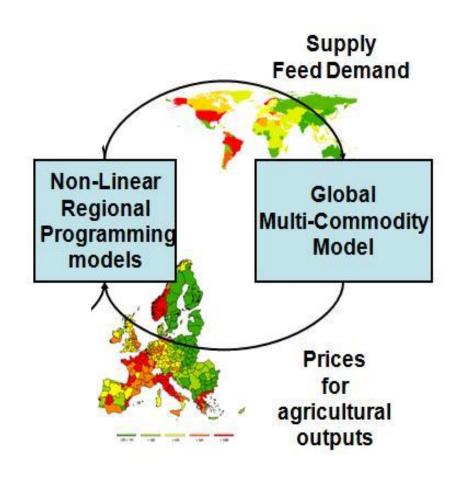
Market module:

- Bilateral trade
- 47 products
- 40 trade blocks

Regional supply module:

- CAP, incl. EU sugar policy
- Trade restrictions
- Link to biofuel market

Iteratively linked



Methodology



Scenario

- comparative static analysis of situation in 2020
- EU sugar quota expiry (vs. no expiry in reference)
- no WTO limit on exports
- no change in other trade measures (TRQs or tariffs)

Caveat: no explicit modelling of isoglucose market

Scenario results



| | Units of measurement | Reference (EU quotas continue) | Scenario (EU quotas removed) | Percentage difference |
|------------------------|----------------------|--------------------------------|------------------------------|--------------------------|
| EU27 sugar production* | '000 tons | 20,096.7 | 20,948.2 | 4.2 |
| EU27 sugar total use | '000 tons | | | |
| Human consumption | | 16,380.3 | 16,507.4 | 0.8 |
| Industrial use | | 6,339.9 | 5,289.6 | -12.2 |
| EU27 sugar exports | '000 tons | 1,392.2 | 1,171.8 | -15.8 |
| EU27 sugar imports | '000 tons | 4,030.8 | 2,314.0 | -42.6 |

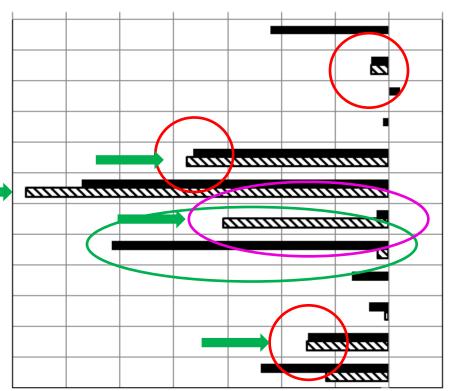
^{*} Sugar production includes the sugar equivalent of sugar beet that is directly processed into bio-ethanol

Scenario results



Change in sugar exports , thousand tons, 2020

-700 -600 -500 -400 -300 -200 -100 0 100



European Union 27

Western Balkans

Russia

Ukraine

Africa, all LDCs

Rest of Africa

Central and South America, all EPA

Brazil

Rest of Central & South America

Australia and New Zealand

Asia, all LDCs

Rest of Asia

■ Total exports

■ Exports to EU27

Scenario results



Welfare effects:

Total welfare gain: + 989 mio EUR

EU-27: + 845 mio EUR (consumers gain, sugar production looses)

Brazil: - 40 mio EUR (sugar producer and exporter loose)

Africa: + 28 mio EUR (consumers gain more than sugar sector looses)

Conclusion



Impact of removal of EU sugar quota on trade

<u>Direct</u> impact: replacement by EU production of sugar imports from high-cost third country sugar exporters (LDCs, Africa, ...)

<u>Indirect</u> impact: Brazil is squeezed out of African markets by African sugar no longer exported to the EU

Overall welfare change is positive and goes mainly to the EU consumers, but consumers outside the EU gain as well thanks to the drop in local consumer price of sugar (Africa, Asia and North America)



Thank you for your attention.

Contact:

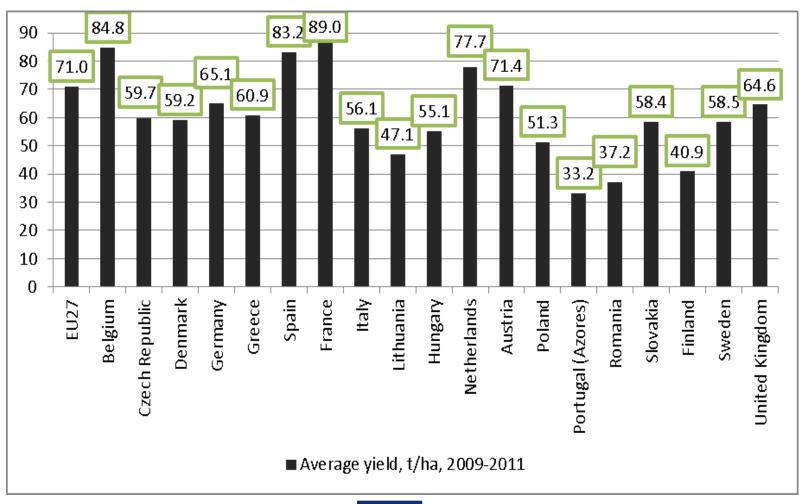
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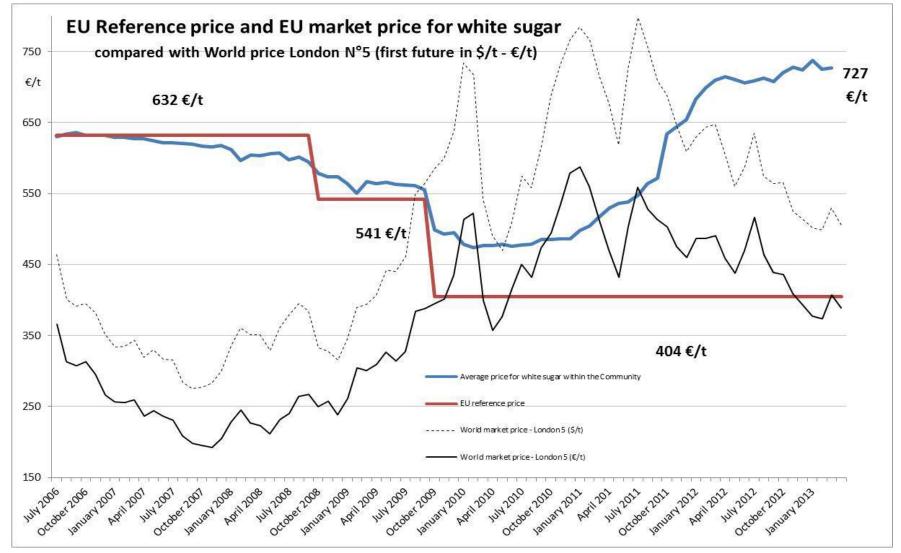
Annexes



Sugar beet yields by EU Member State, t/ha, average 2009-11.









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