

# **Biomass – as one of the cornerstones of Lithuanian energy sector**

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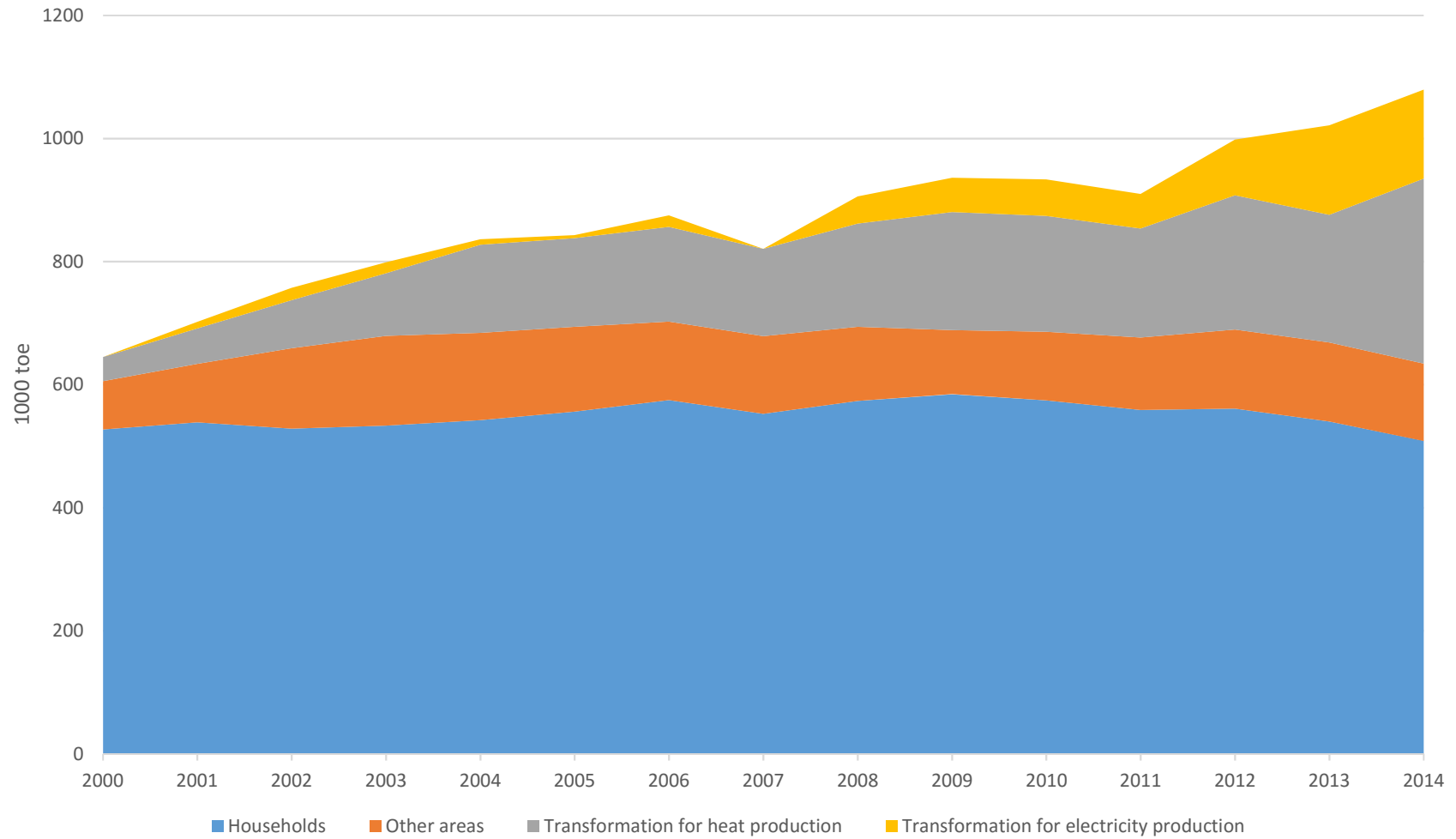
Minister of Energy of the Republic of Lithuania

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LIETUVOS RESPUBLIKOS  
ENERGETIKOS MINISTERIJA

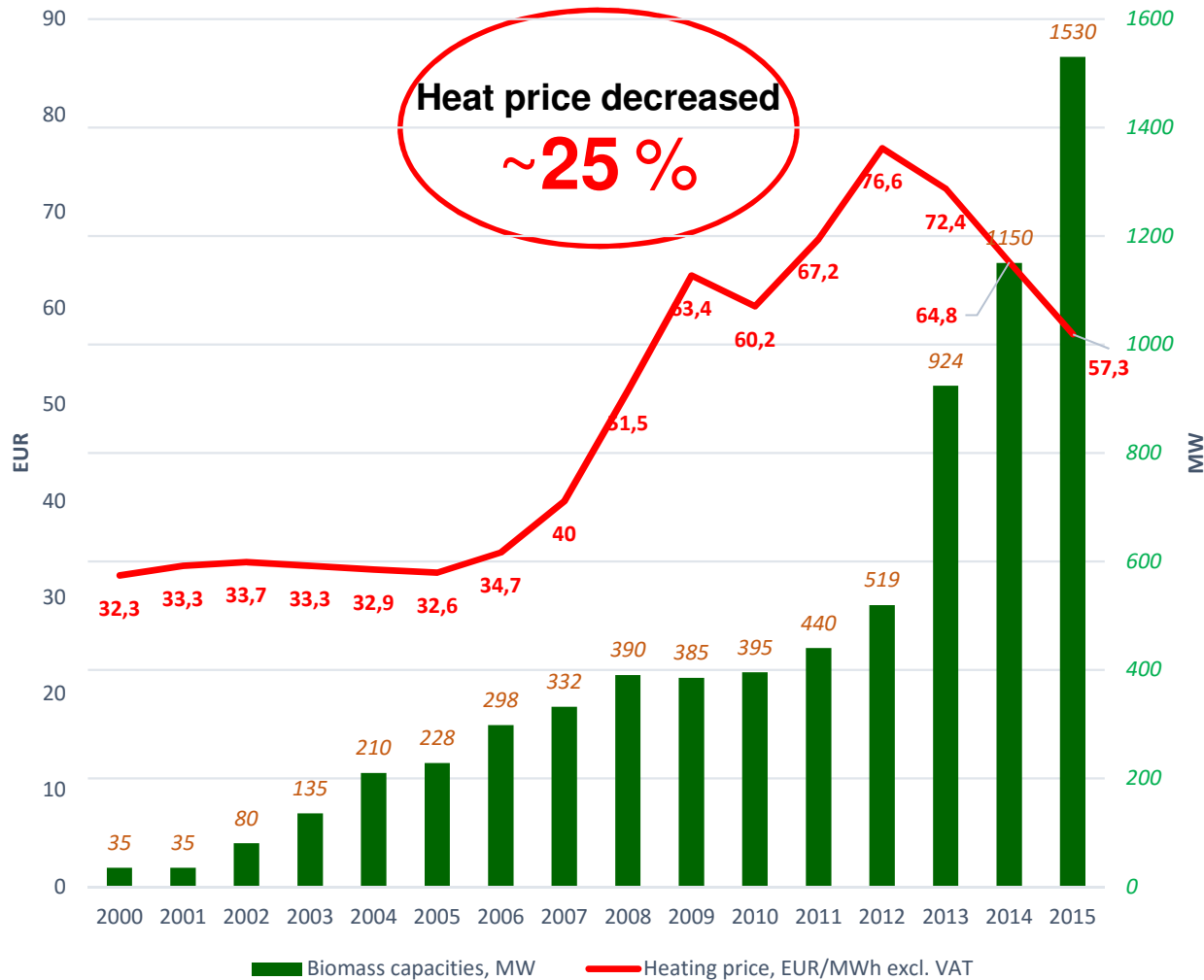
# Usage of biomass in Lithuania



Data: Energy agency



# Biomass usage in district heating: 2000-2015



During 2000-2015 was created **more than 1500 MW** biomass capacity

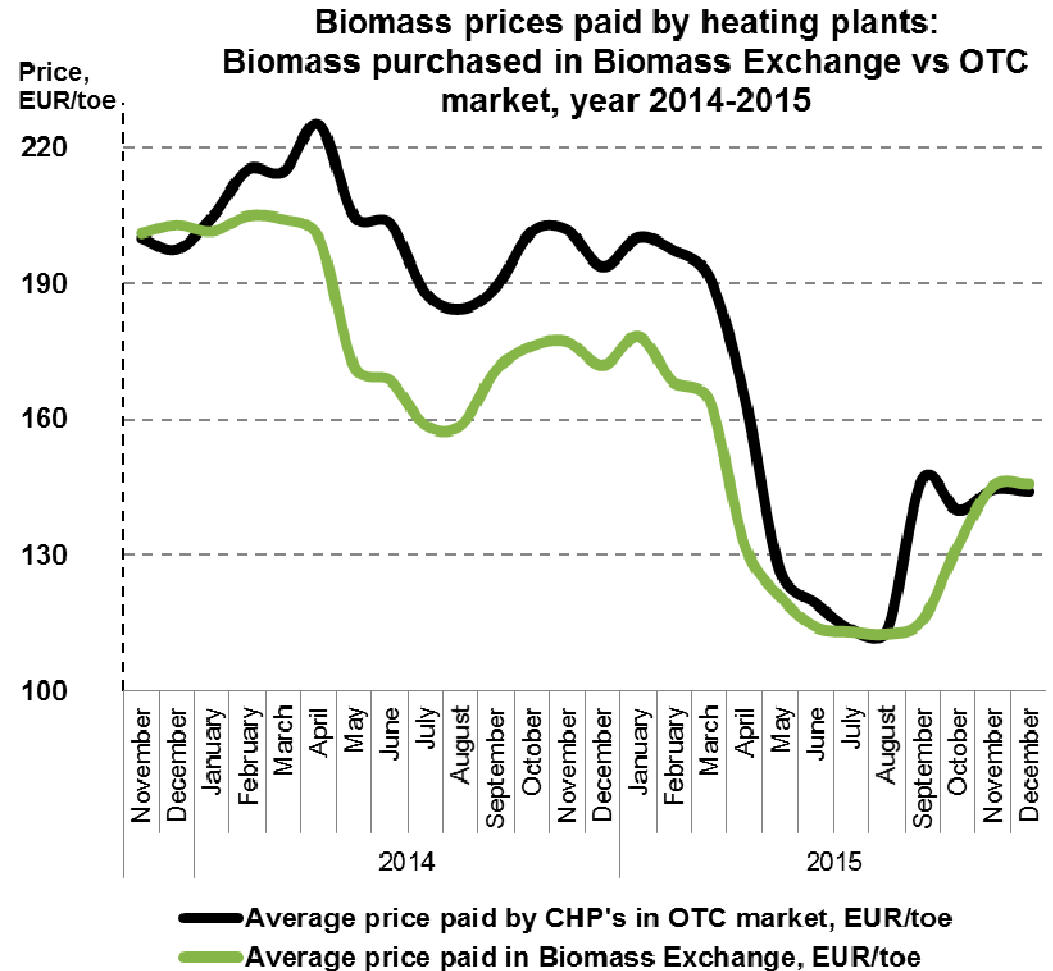
**600 MW** were financed by EU funds

Total investment during 2007-2013 period was **225 mln. Eur**, **88,7 mln. Eur** was from EU funds.



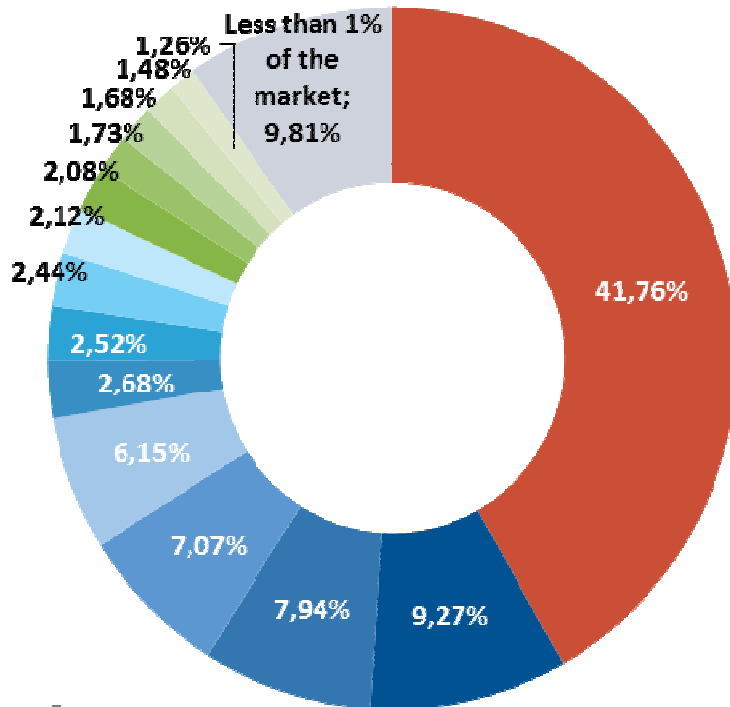
# Ensuring transparency and competitive prices

- Regulated energy companies are legally obligated to acquire solid biomass in Baltpool energy exchange:
  - Year 2014 – 10%
  - Year 2015 – 50%
  - Year 2016 – 100% of total consumption.
- Biomass Exchange turnover in Y2015 ~40 million EUR.
- More than 64% of biomass acquired by regulated energy companies was bought in Baltpool.
- Biomass Exchange ensures trade transparency and competitive prices.
- Further geographical expansion of Biomass Exchange project is expected in nearest future.



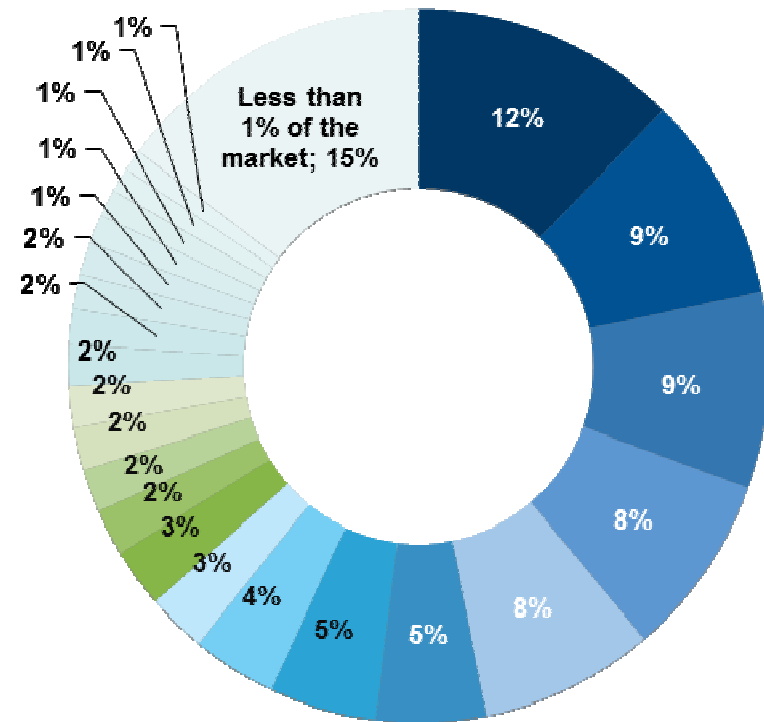
# Competition level increased significantly

**High concentration in CHPs' biomass supply side in Lithuania (2012-2013)**



*Data:*  
National Control Commission For Prices And Energy  
2012-2013 heating season biomass suppliers' market share according delivered biomass quantities to regulated CHP's

**Low concentration in biomass supply side in biomass exchange (Y2015)**

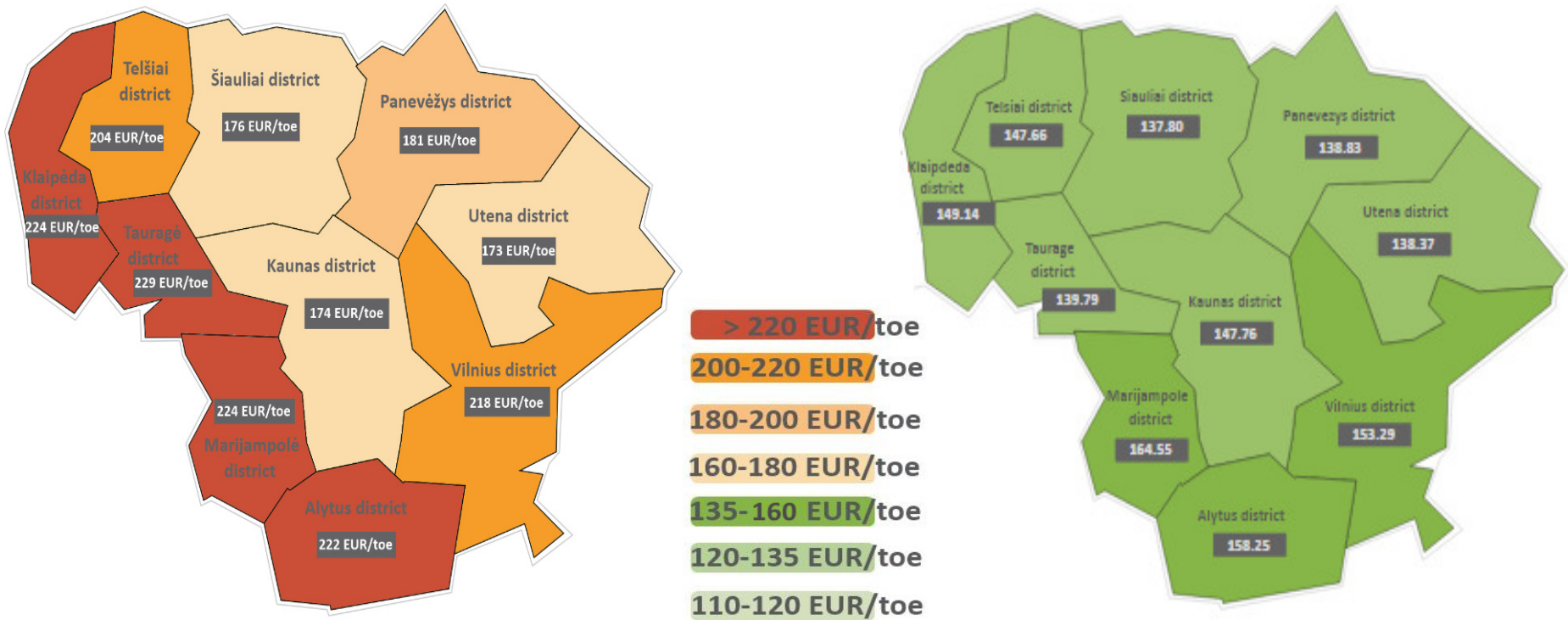


*Data:*  
Energy Exchange Baltpool UAB

# Price level differences decreased significantly

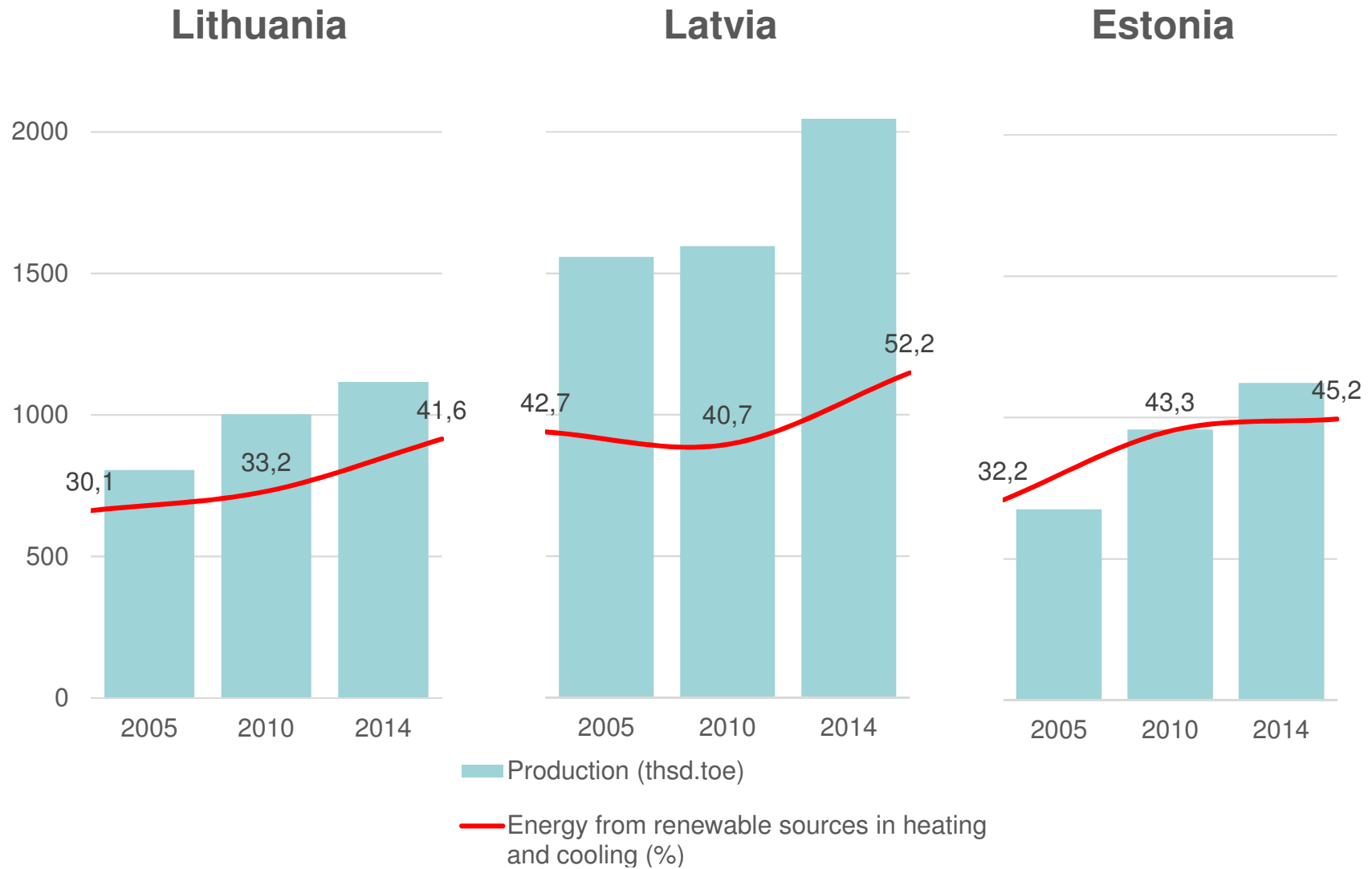
High biomass prices and price differences between regulated CHP's in neighboring districts (2012-2013)

Biomass prices fell by 20-39% (2015-2016 heating season)

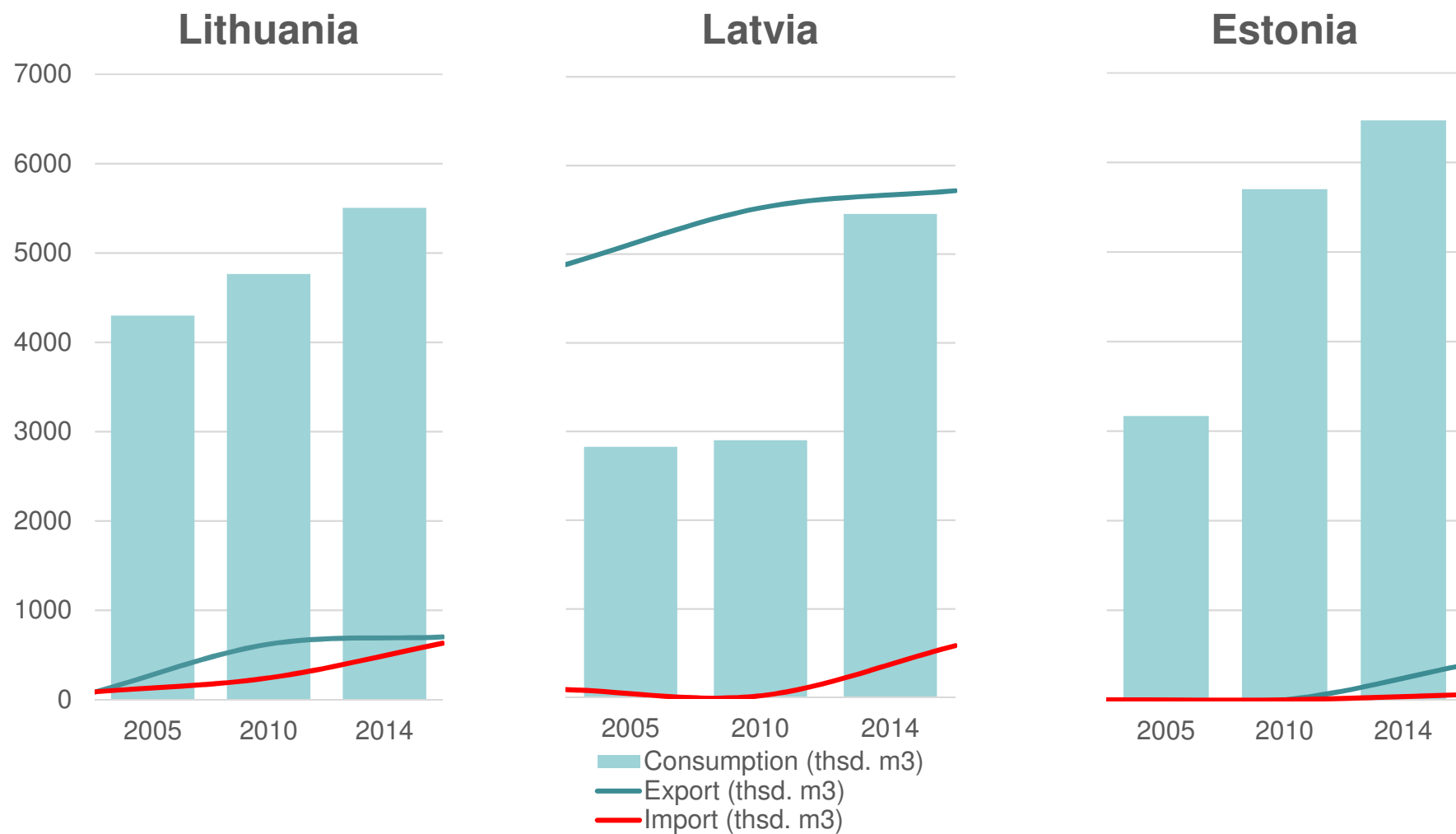


**Solid biomass exchange was created to increase transparency and efficiency, foster competition in biomass market in Lithuania and other CEE countries.**

# Primary production of solid biofuels

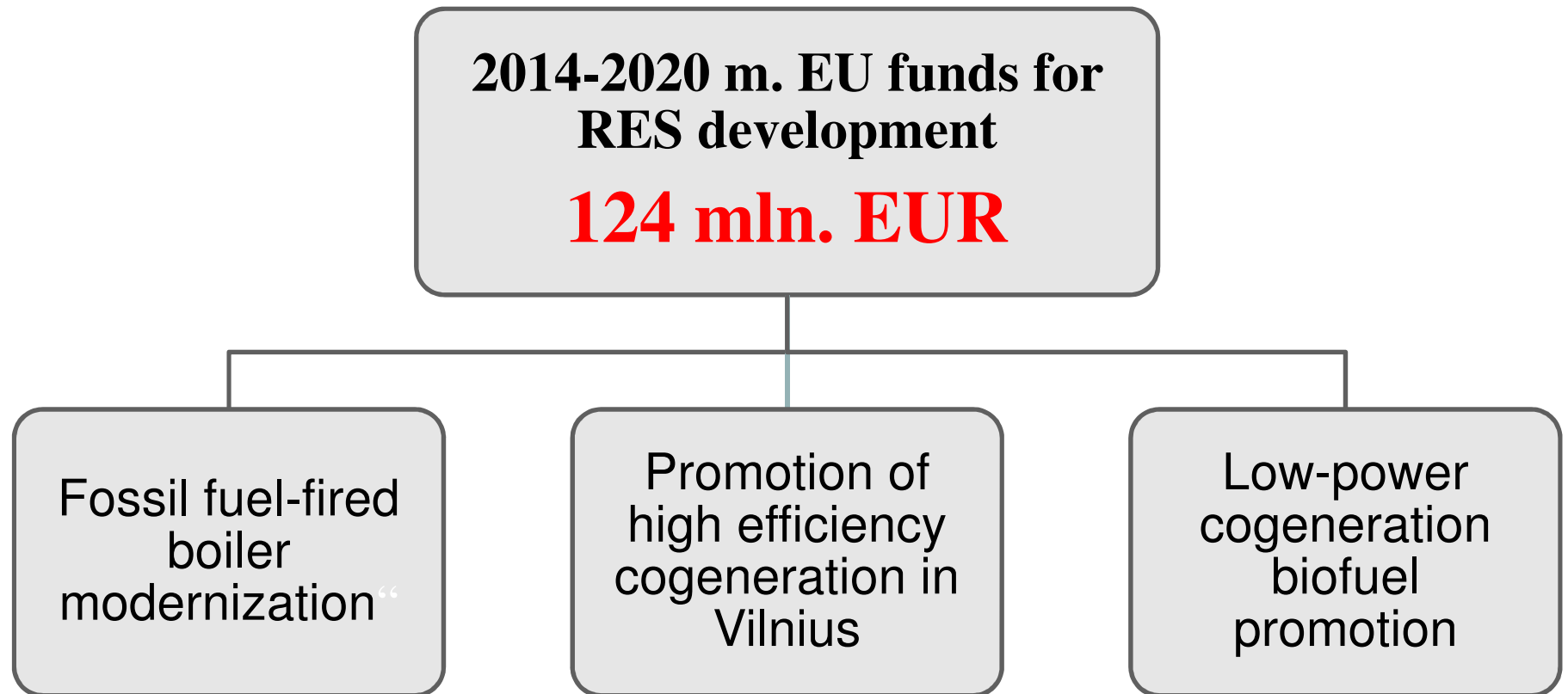


# Wood biomass consumption in Baltic states





## Next perspectives for biomass



**THANK YOU FOR  
YOUR ATTENTION!**

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