

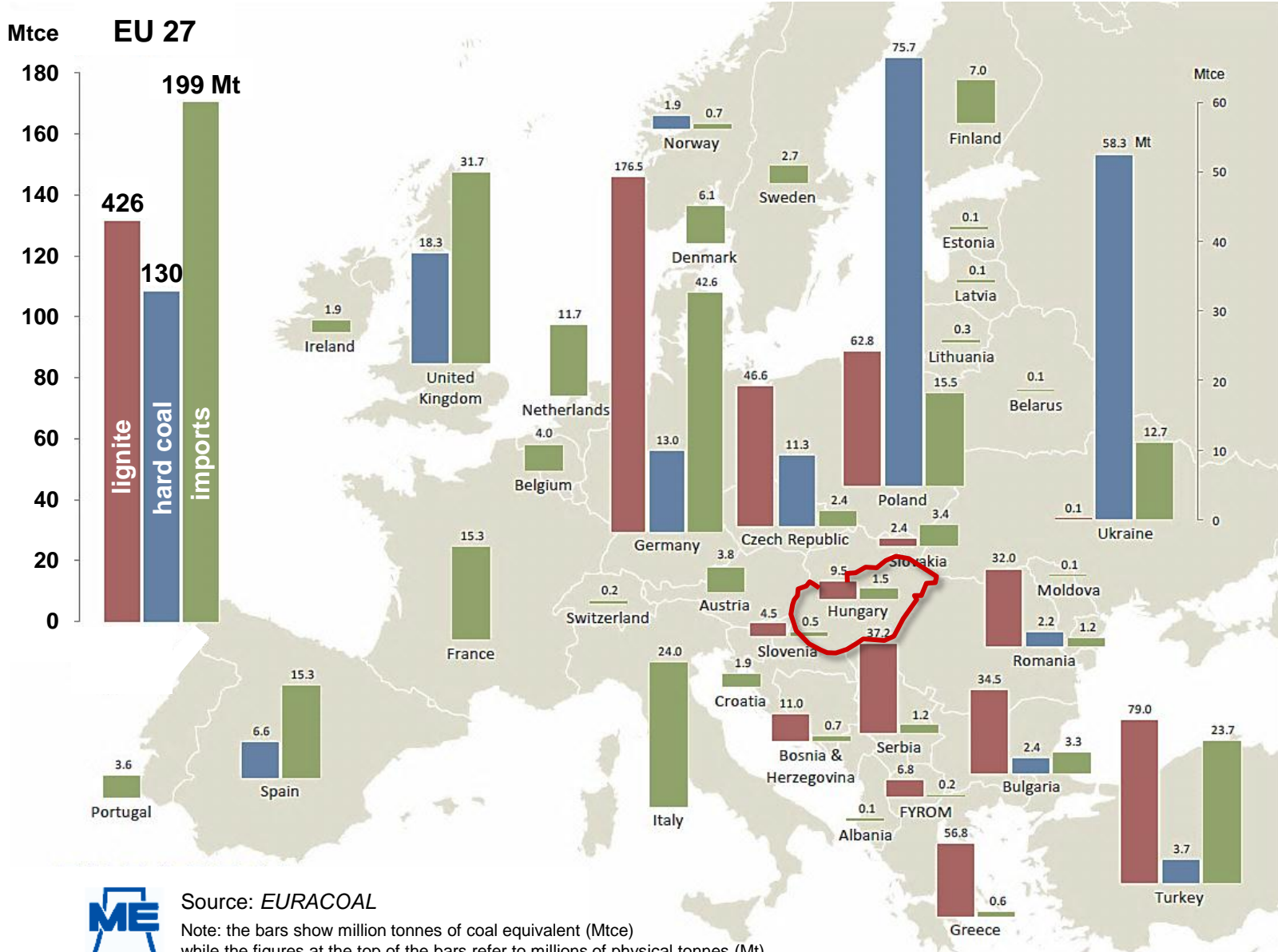
# Coal industry across Europe – the Hungarian experience

3rd EUROPEAN COAL DAYS  
Working Breakfast, 13<sup>th</sup> November 2012

Dr. Joachim Witzel  
Board Member, Mátrai Erőmű ZRT.

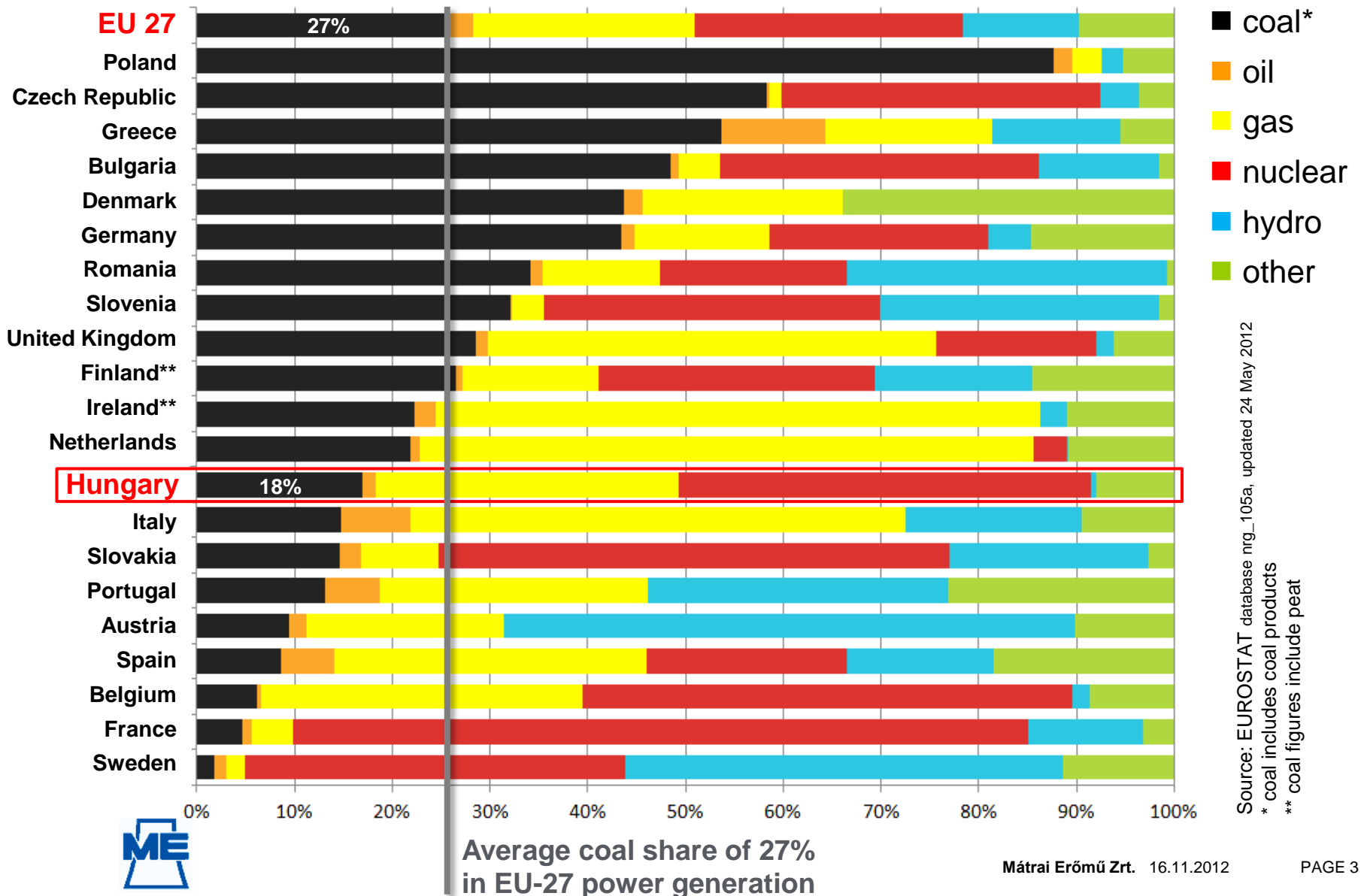


# Coal in Europe, 2011



Source: EURACOAL  
 Note: the bars show million tonnes of coal equivalent (Mtce) while the figures at the top of the bars refer to millions of physical tonnes (Mt)

# Coal-fired power generation in the EU, 2010

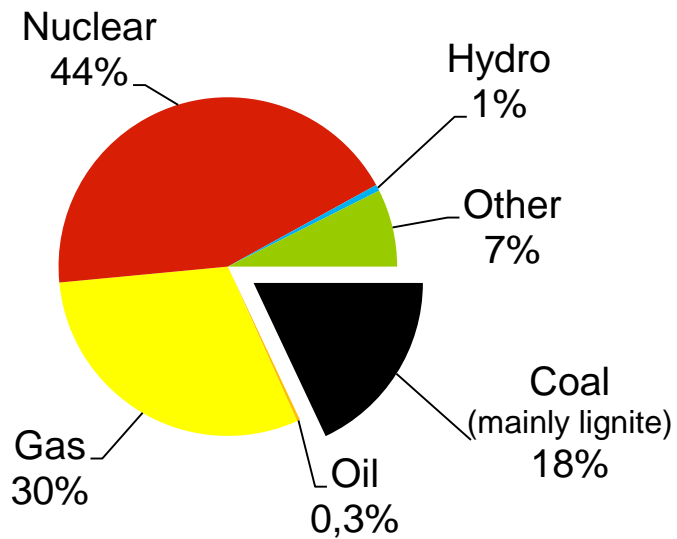


Source: EUROSTAT database nrg\_105a, updated 24 May 2012  
 \* coal includes coal products  
 \*\* coal figures include peat



# Electricity and coal production in Hungary, 2011

## Domestic power supply, 2011



Installed capacity	~10,110MW
Net power supply	33.8TWh
Additional imports	~ 15%

## Coal production 2011



Mátrai Erőmű Zrt. 	8.8Mt
Vértési Erőmű Zrt. 	~0.75Mt
<b>Production 2011</b>	<b>9.5Mt</b>

Sources: Hungarian Energy Office and own data



# MÁTRA 's Visonta power plant



Dry-cooling tower with internal flue-gas desulphurisation system



6.5TWh gross power generation (2011)

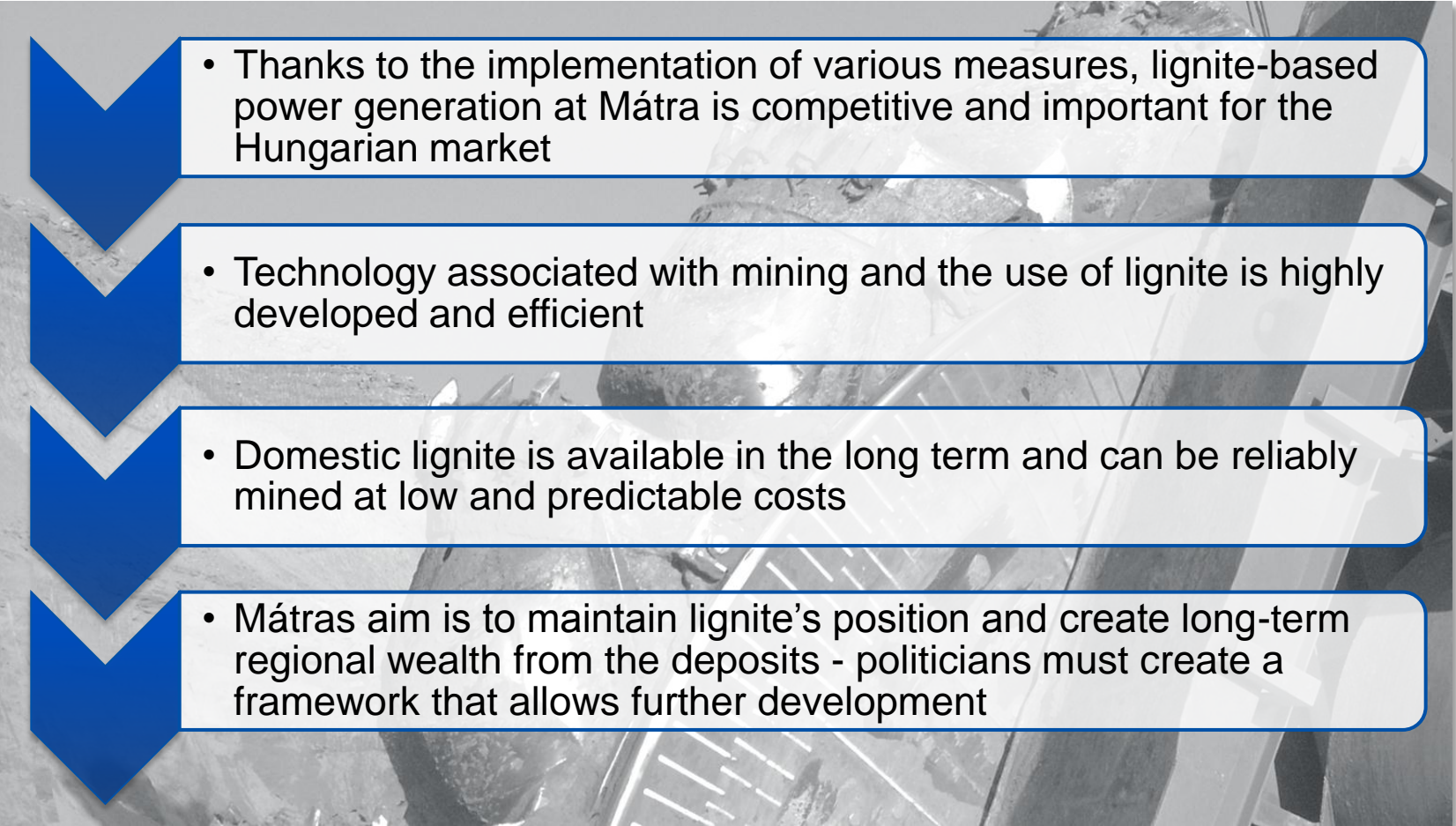




# MÁTRA's opencast mines



# Investments and developments in recent years form basis for the future



- Thanks to the implementation of various measures, lignite-based power generation at Mátra is competitive and important for the Hungarian market

- Technology associated with mining and the use of lignite is highly developed and efficient

- Domestic lignite is available in the long term and can be reliably mined at low and predictable costs

- Mátras aim is to maintain lignite's position and create long-term regional wealth from the deposits - politicians must create a framework that allows further development



# Thank you very much for your attention!

