

# CO<sub>2</sub> emissions from the German power sector

ZHAW, UBA, CUHK LAW, Öko-Institut, Adelphi  
Webinar

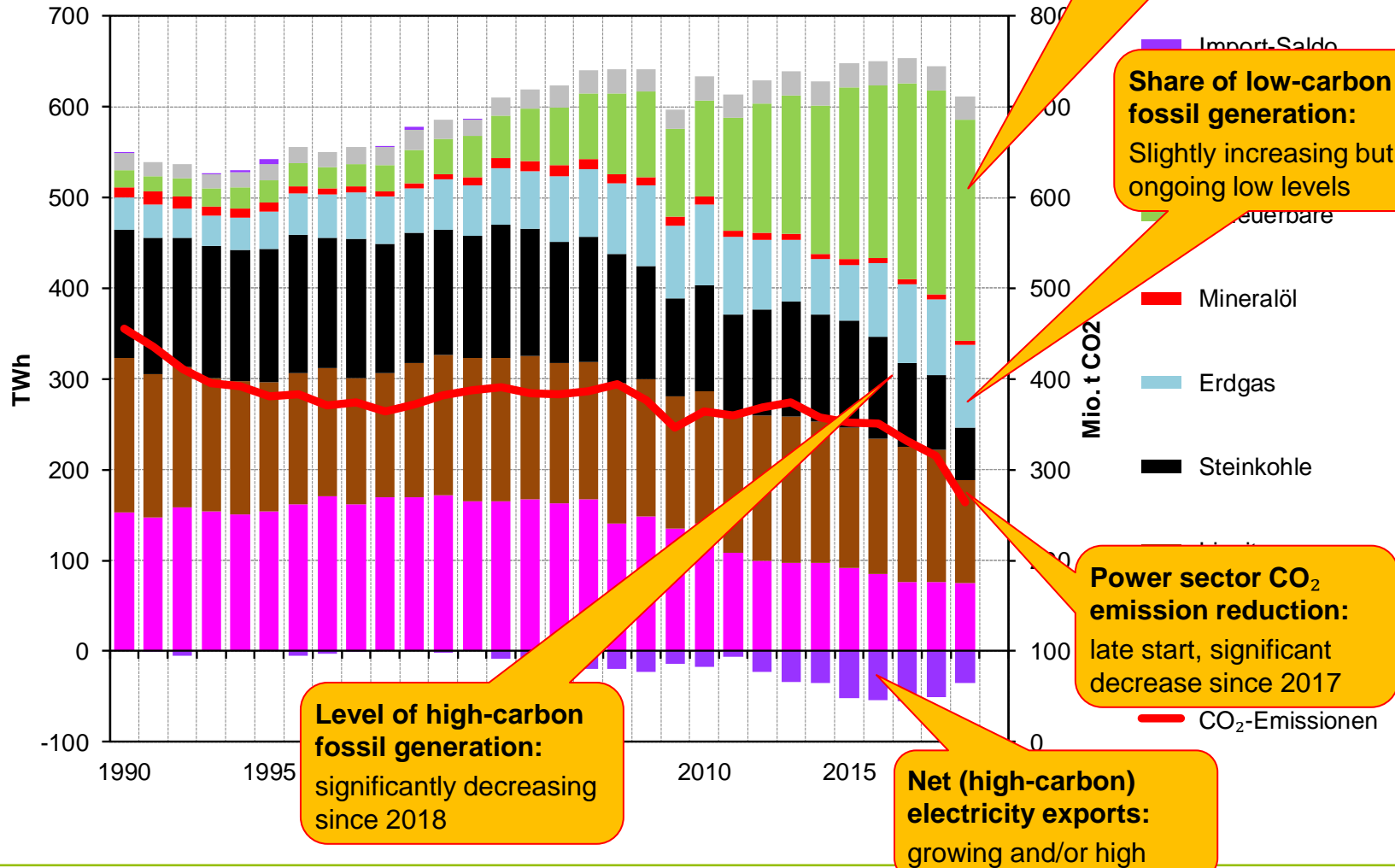
» EU ETS and the Electricity Sector:  
Fuel Switching in Germany and Poland«

**Dr. Felix Chr. Matthes**

Berlin, 23<sup>rd</sup> June 2020

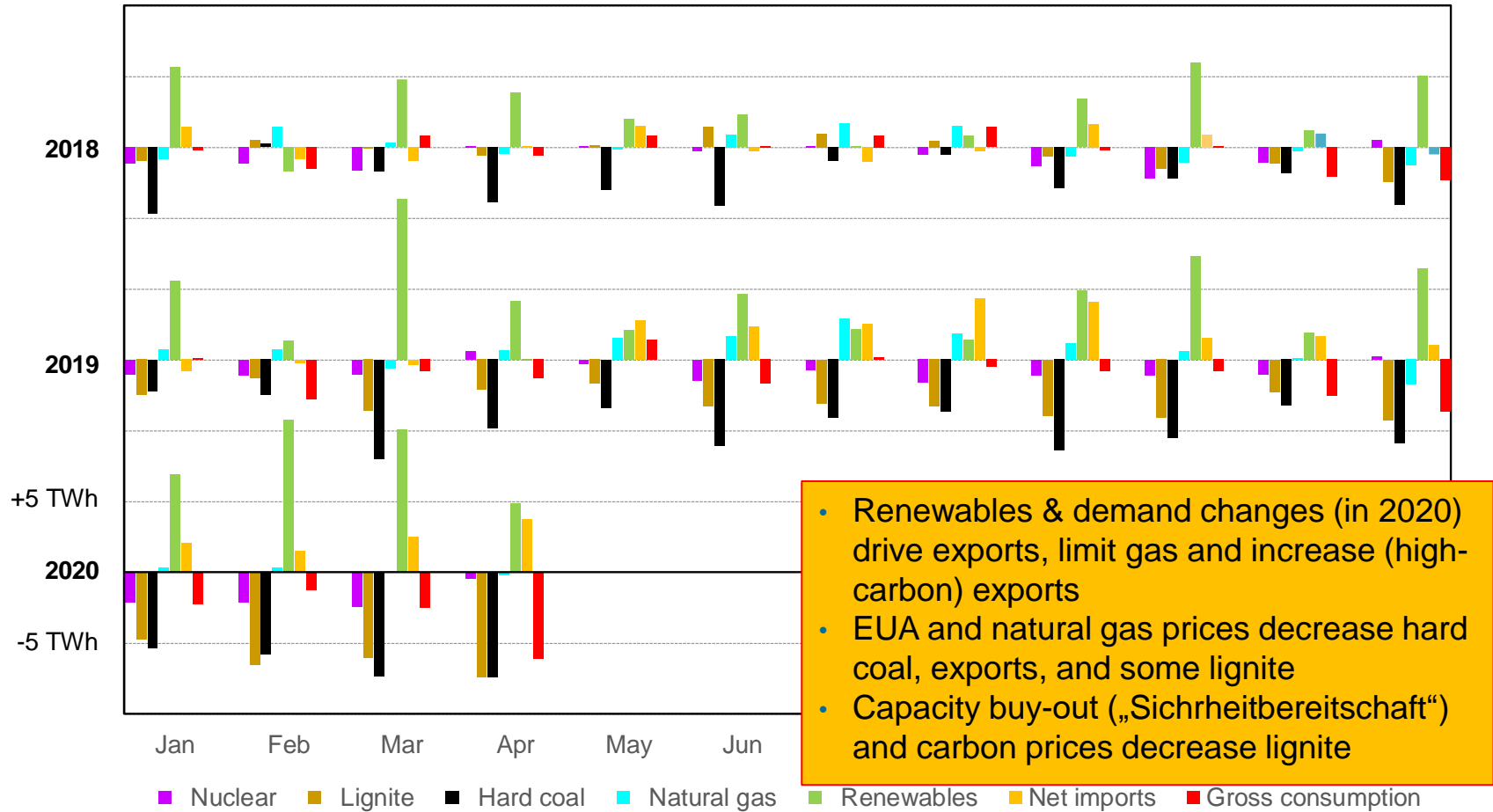
# The German power sector at a glance

## Changing generation and emission patterns



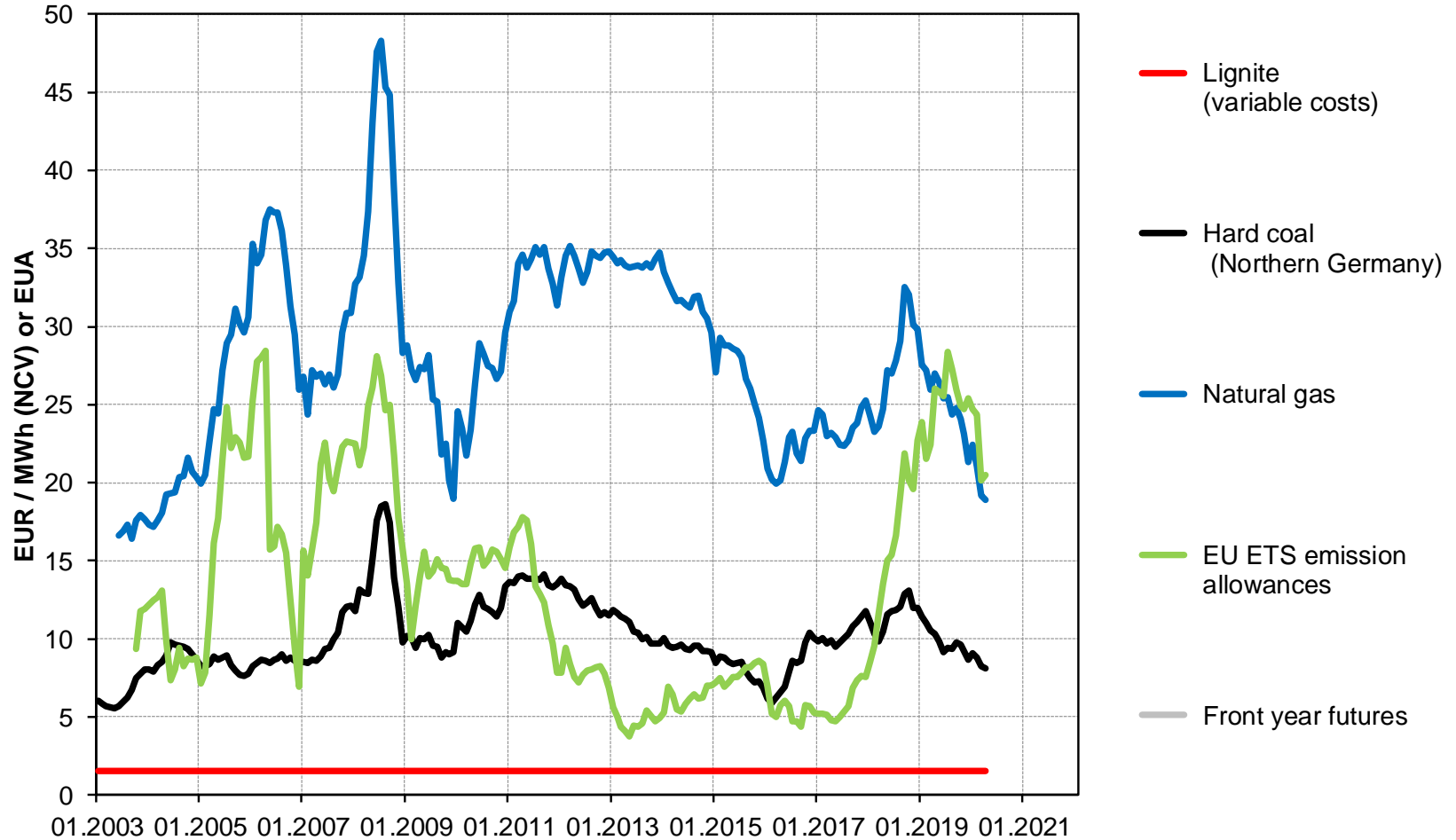
# The German power sector since 2018

## A closer look to the (monthly) details (compared to 2016)



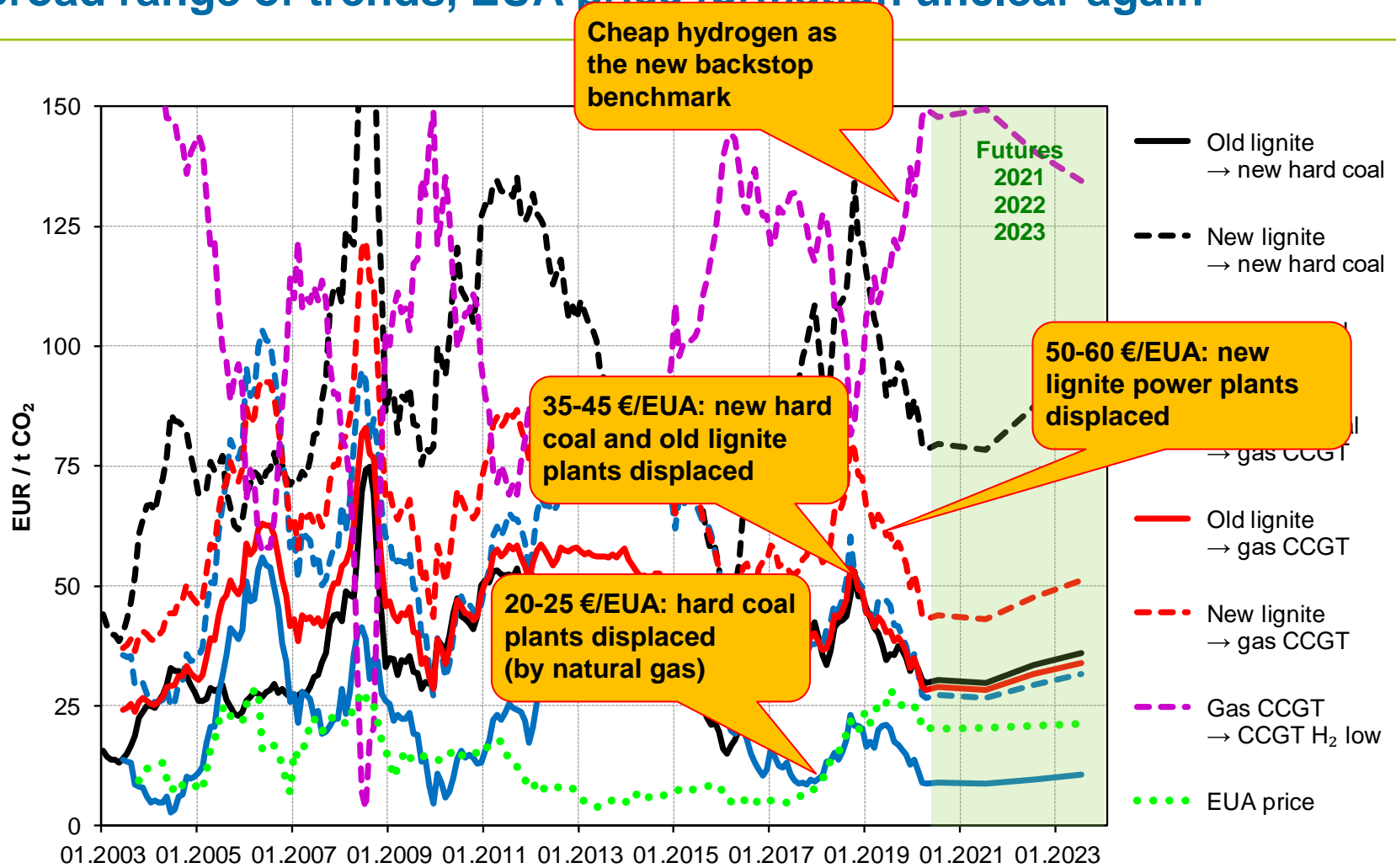
# The fuel & CO2 market environment for the German power sector

## Front year futures (gas spot prices are currently much lower)



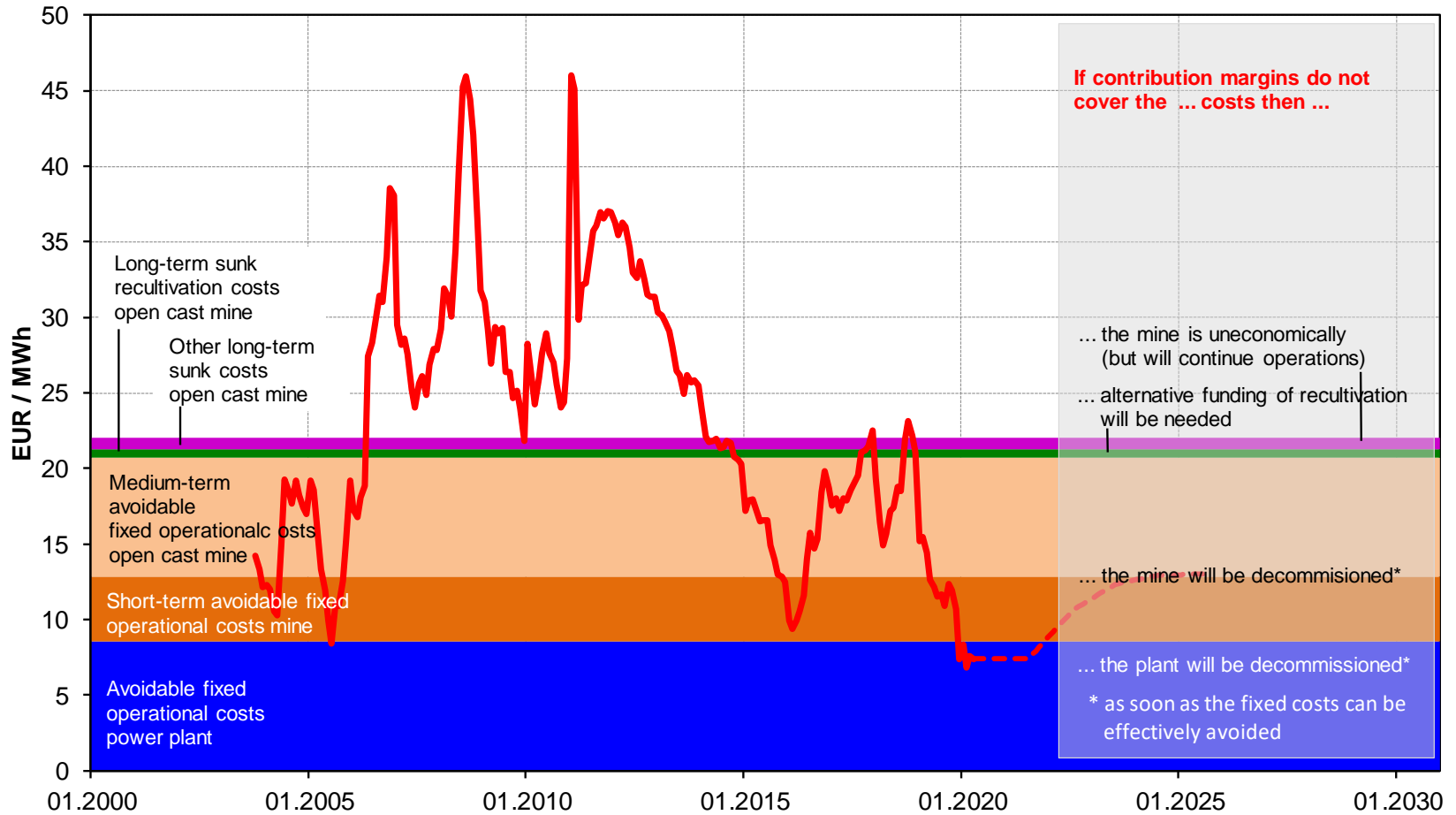
# Fuel switch costs in the continental European power market

## Broad range of trends, EUA price formation unclear again



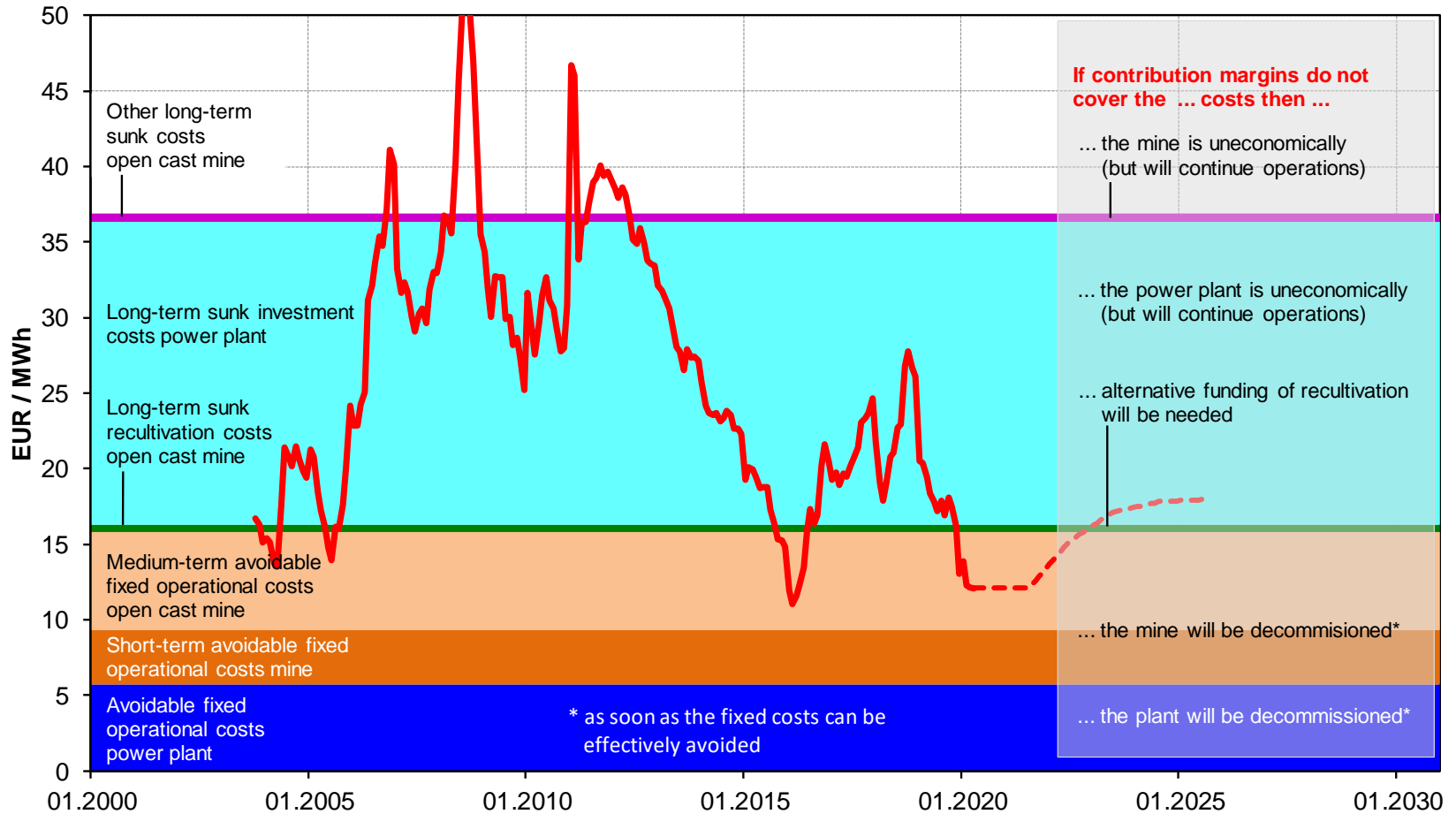
# The future of (older) lignite-based power generation

## It's less about fuel switch but about contribution margins



# The future of (new) lignite-based power generation

## It's less about fuel switch but about contribution margins



# Thank you very much

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