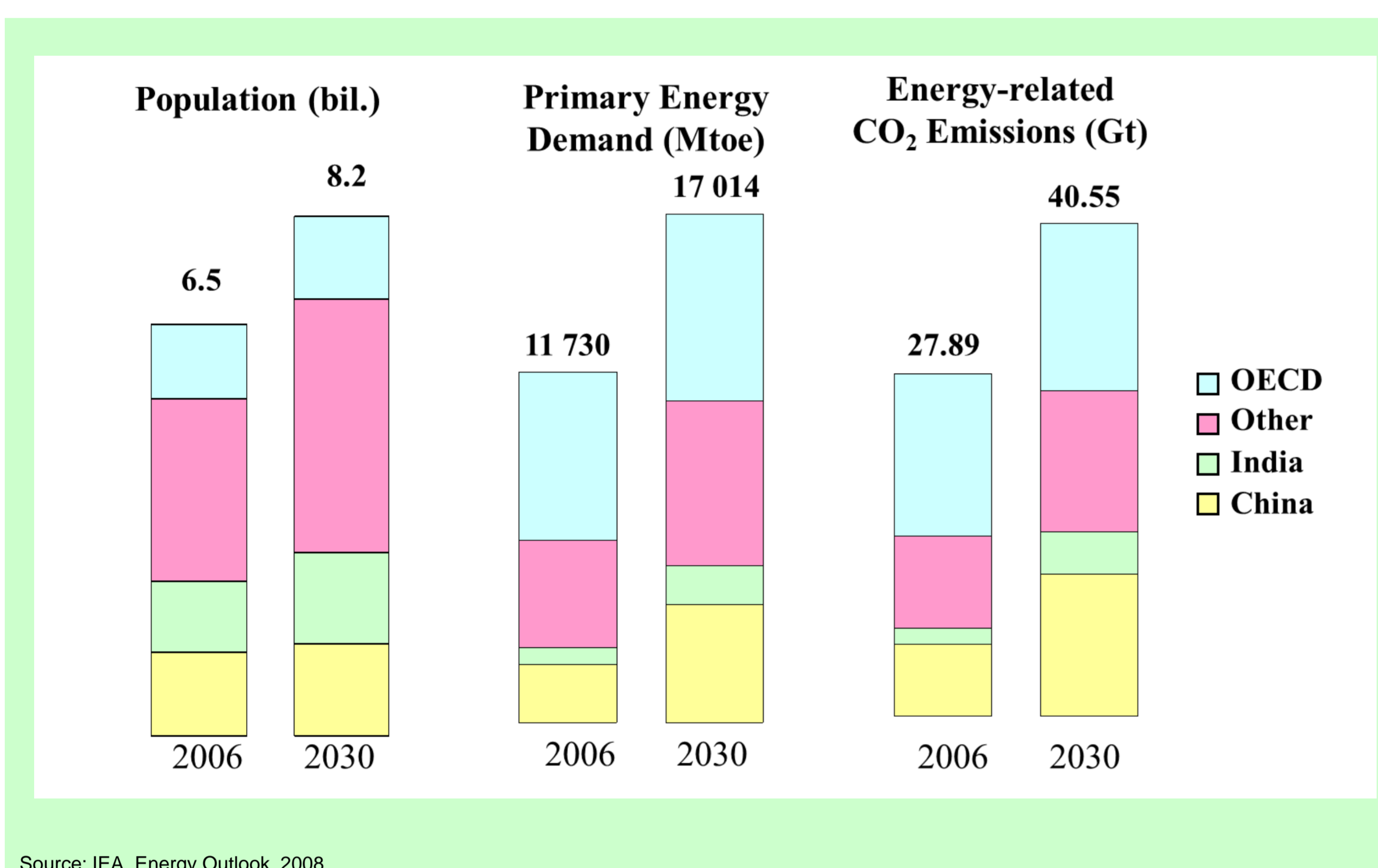


# Co-Combustion of Low Rank Fuels in Power Plants

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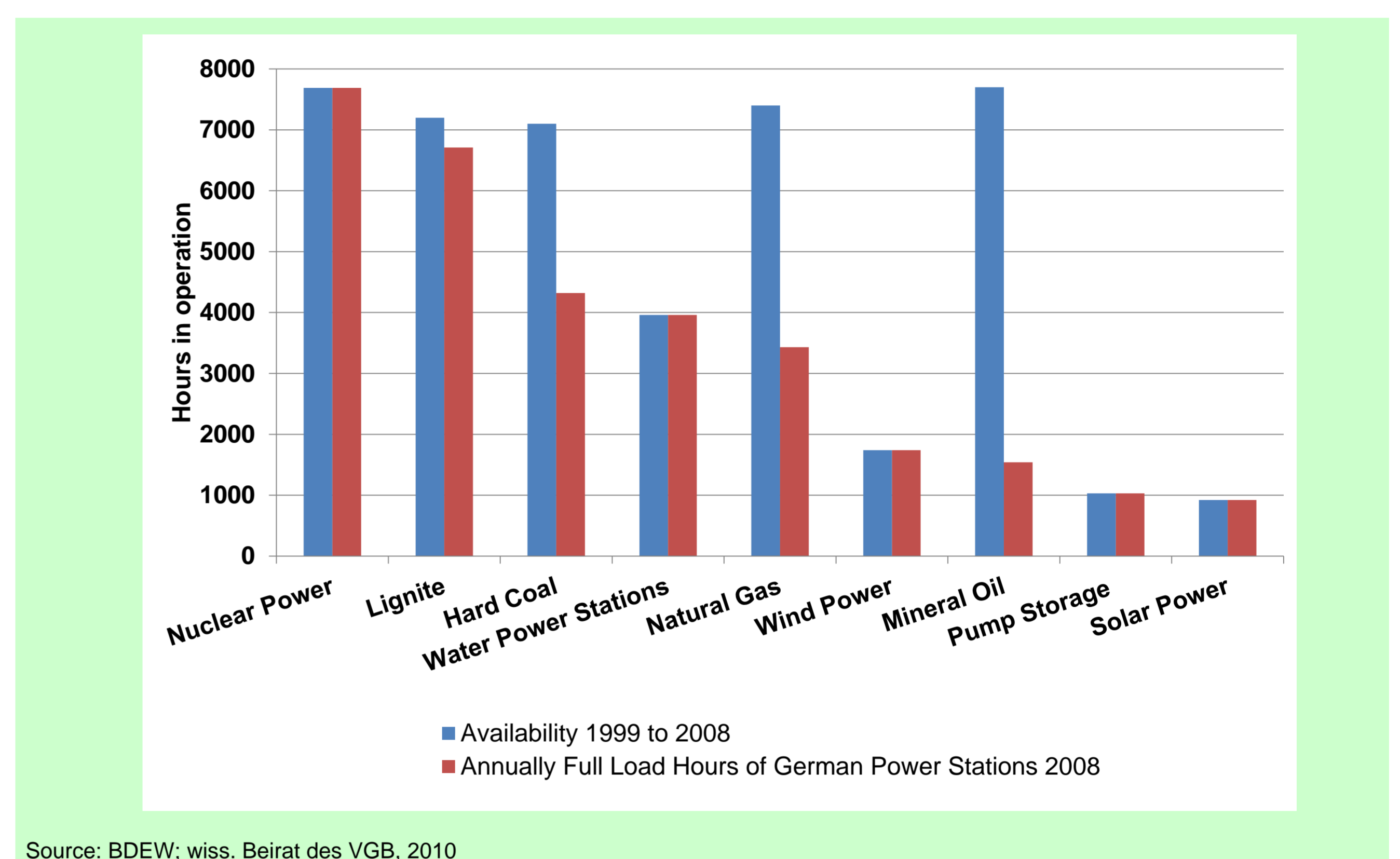
## Challenge 1

- Increase of Energy Demand
- Increase of Fossil CO<sub>2</sub>-Emissions



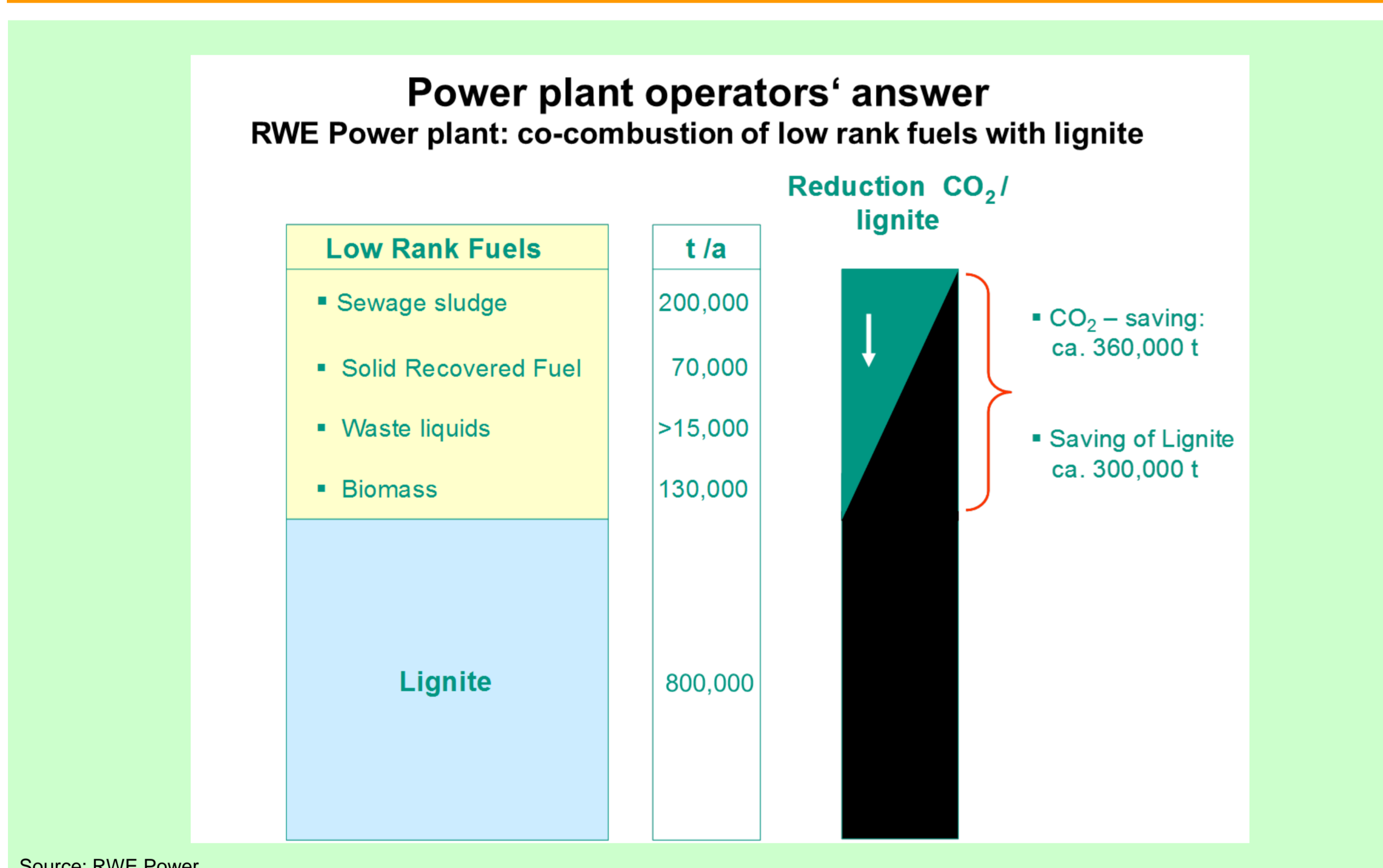
## Challenge 2

- Increase of Fluctuating Regenerative Power with less Availability



## Solution 1

- Utilization of Biogenic Fuels (Low Rank Fuels)



## Solution 2

- Load Flexible Burner with Video- Optical Camera Systems

