

# Transforming the Western Balkans' power system

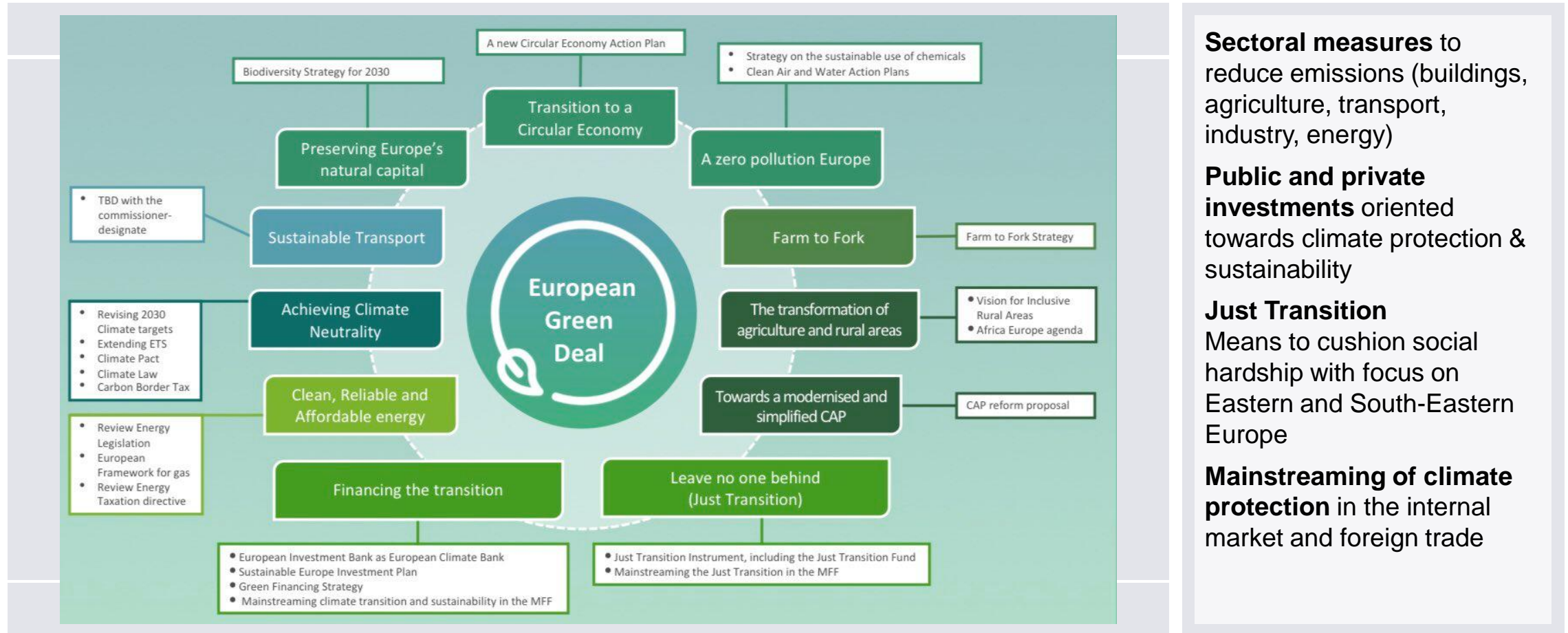
*The European Green Deal – what can we  
expect from the EU's new climate and  
energy framework*

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**BERLIN, 27 MAY 2021**



# The *European Green Deal*: Comprehensive strategy that puts reducing emissions centre-stage and links it with economic well-being and innovation



**Sectoral measures** to reduce emissions (buildings, agriculture, transport, industry, energy)

**Public and private investments** oriented towards climate protection & sustainability

**Just Transition**  
Means to cushion social hardship with focus on Eastern and South-Eastern Europe

**Mainstreaming of climate protection** in the internal market and foreign trade

# The Western Balkan dimension of the *European Green Deal*: The *Green Agenda for the Western Balkans* and the *Economic and Investment Plan*



- Decarbonisation: climate, energy, mobility
- Circular economy
- Depollution: air, water & soil
- Sustainable food systems & rural areas
- Biodiversity: protection & restoration of ecosystems

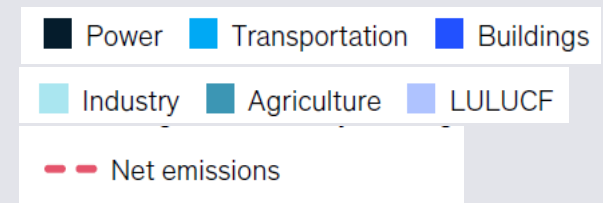
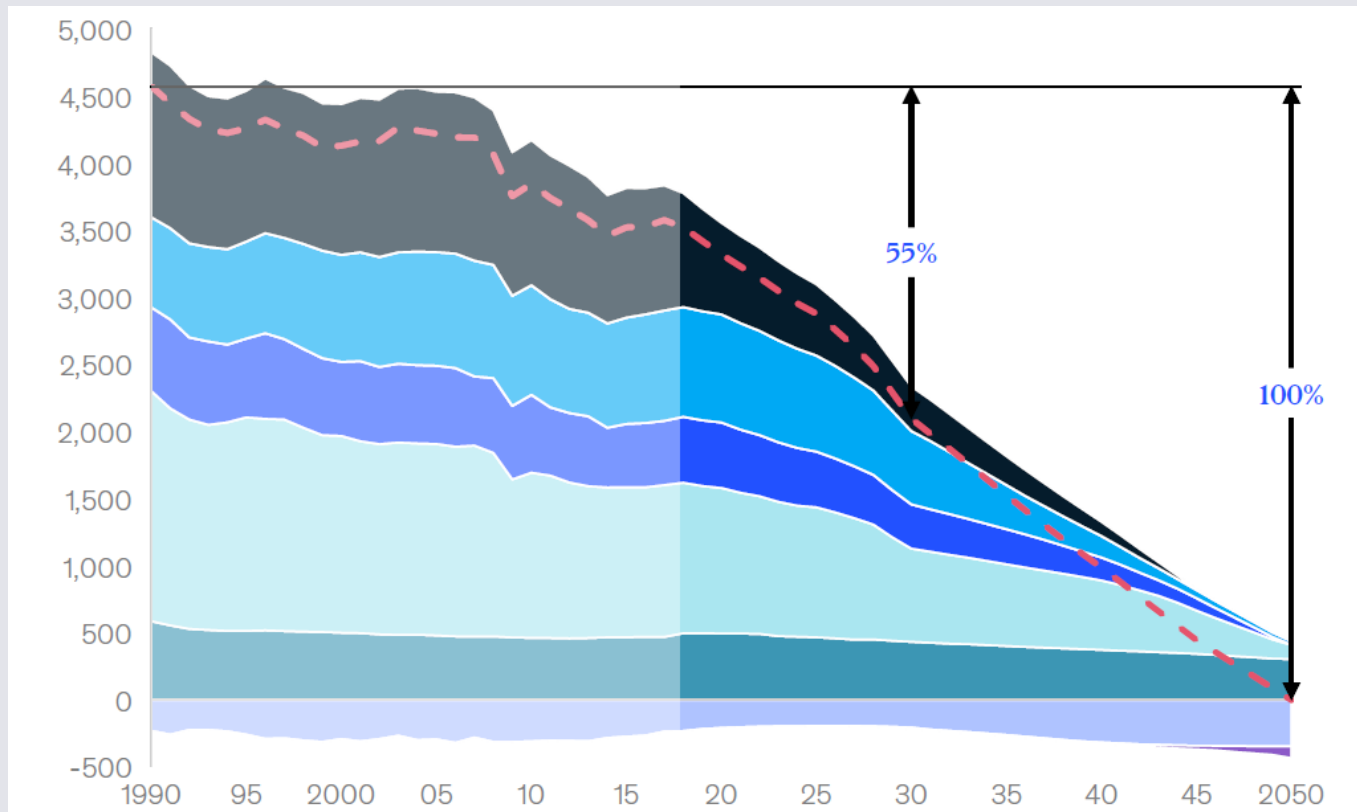
Financial support through Economic and Investment Plan:

- IPAIII
- Western Balkans Investment Framework
- European Fund for Sustainable Development Plus (EFSD+)

European Commission

# The most efficient way to reach climate neutrality is to decarbonize the power sector

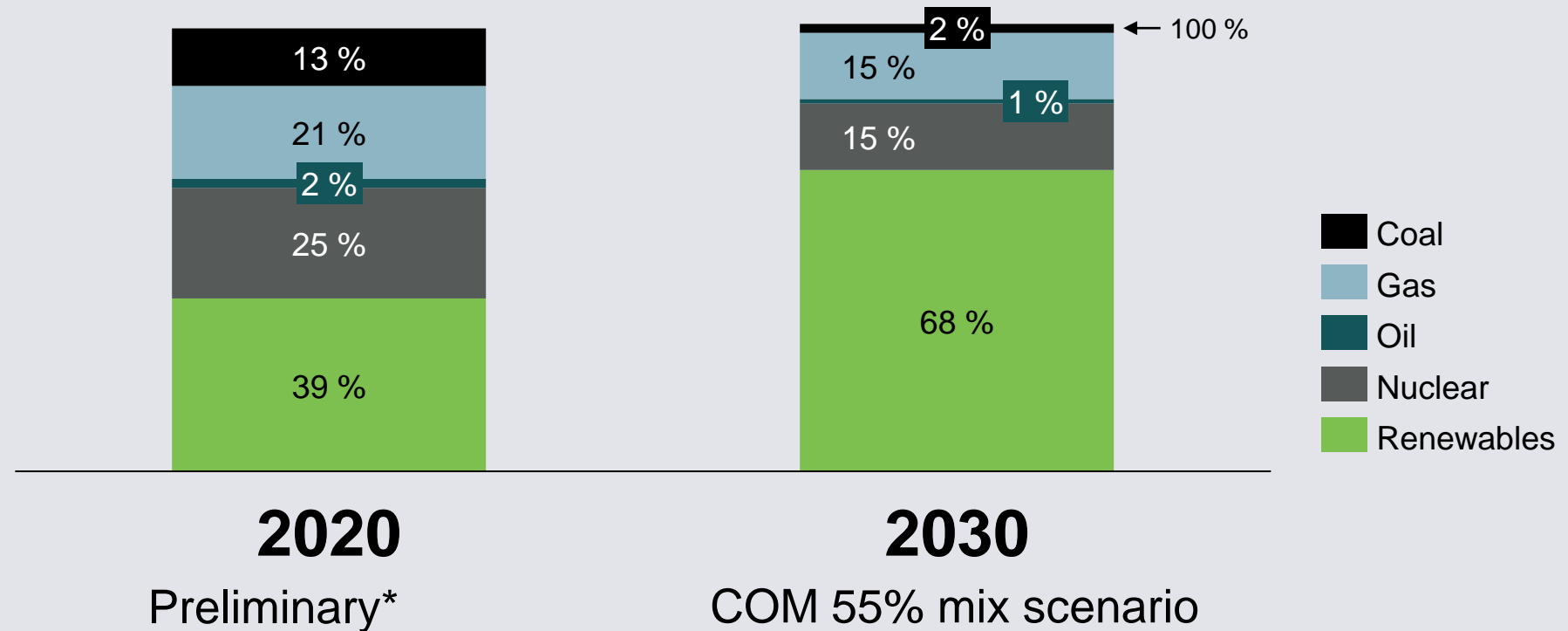
McKinsey's Climate Neutral Europe scenario



McKinsey 2020

**Thus, by 2030 the EU's renewables share in electricity will rise to around 70% and coal will be phased out**

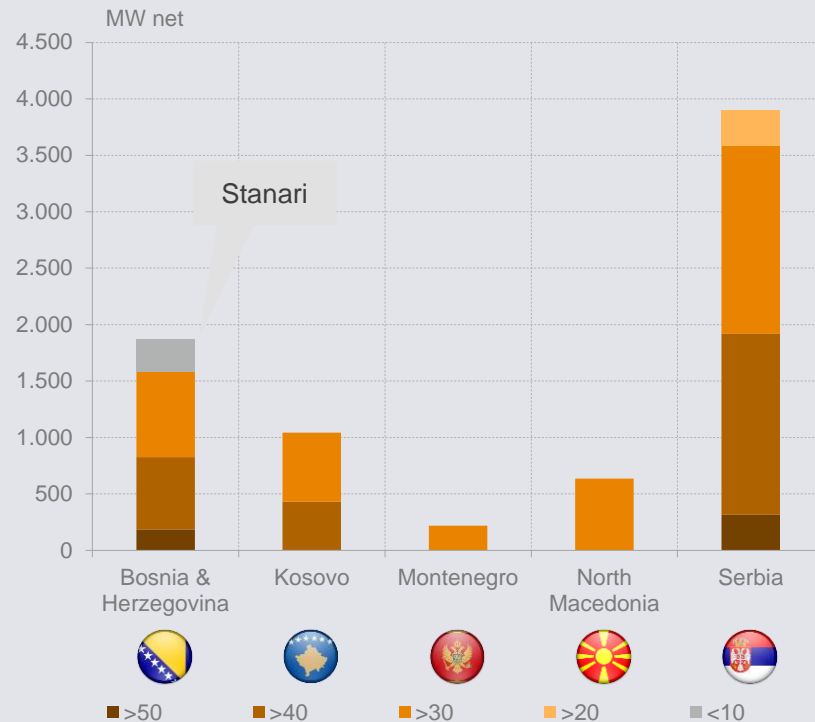
Gross power mix EU-27, (%), 2020 vs 2030



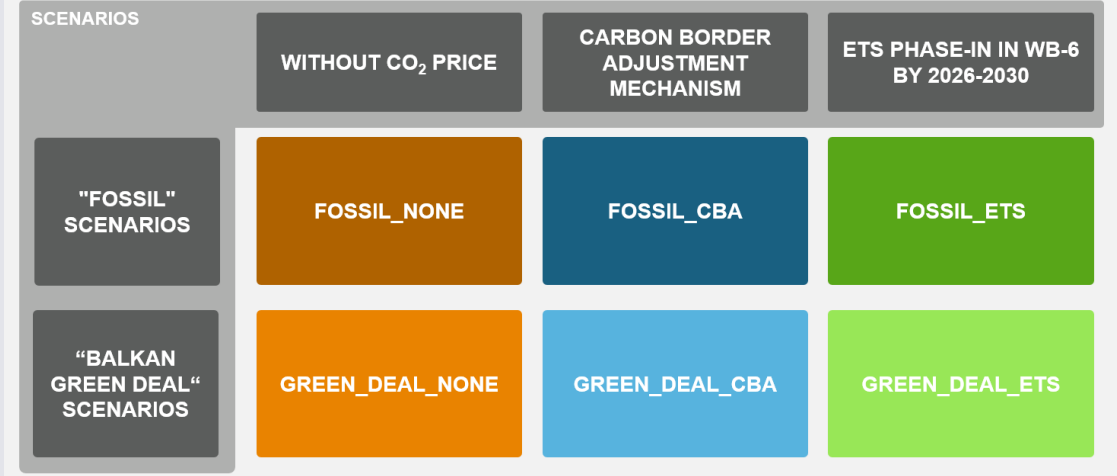
Based on \* [Ember \(2020\)](#) and \*\* [Ecologic & Climact \(2020\)](#)

# What does an aging fleet of lignite plants and opportunities from the *Green Deal* imply for the modernisation of WB-6 power systems?

Breakdown of WB-6 lignite fleet by age cluster and country



Assessing the requirements for and implications of a 2040 lignite exit in the Western Balkans: Scenario setup



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# Thank you for your attention!

Questions or Comments?  
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