



# A Just Transition Fund for the Western Balkans

Tassos Chatzieftheriou, The Green Tank

March 29, 2022



# EU JTF allocation

ANNEX I  
MEMBER STATE ALLOCATIONS

	Allocations from the European Union Recovery Instrument	Allocations from MFF resources	Total allocations	Member States' share from total
Belgium	95	71	166	0,95 %
Bulgaria	673	505	1178	6,73 %
Czechia	853	640	1493	8,53 %
Denmark	46	35	81	0,46 %
Germany	1288	966	2254	12,88 %
Estonia	184	138	322	1,84 %
Ireland	44	33	77	0,44 %
Greece	431	324	755	4,31 %
Spain	452	339	790	4,52 %
France	535	402	937	5,35 %
Croatia	97	72	169	0,97 %
Italy	535	401	937	5,35 %
Cyprus	53	39	92	0,53 %
Latvia	100	75	174	1,00 %
Lithuania	142	107	249	1,42 %
Luxembourg	5	4	8	0,05 %
Hungary	136	102	237	1,36 %
Malta	12	9	21	0,12 %
Netherlands	324	243	567	3,24 %
Austria	71	53	124	0,71 %
Poland	2000	1500	3500	20,00 %
Portugal	116	87	204	1,16 %
Romania	1112	834	1947	11,12 %
Slovenia	134	101	235	1,34 %
Slovakia	239	179	418	2,39 %
Finland	242	182	424	2,42 %
Sweden	81	61	142	0,81 %
EU 27	10 000	7 500	17 500	100,00 %

Allocations in EUR million, in 2018 prices and before deductions for technical assistance and administrative expenditure (totals may not tally due to rounding up or down)

- Less ambitious MS receive high shares of the JTF (PL, RO, BG,CZ)
- 7 MS with no coal exit or coal exit after 2030  
→ *2/3 of the fund*



# EU JTF allocation - Criteria

---

- GHG emissions in industrial regions (49%)
  - Employment in industrial regions (25%)
  - Employment in coal mining (25%)
  - Peat production (0.95%) and oil shale production (0.05%)
- +
- Gross National Income (GNI) per capita adjustment
  - Cap on maximum share – no MS receives more than 20%
  - Minimum aid intensity (14 EUR/capita)

*The allocation of the EU JTF (17.5 billion) did **not capture** the **urgency** of the transition challenge*



# JTF for the WB - Criteria

---

1. Air pollution levels from coal power plants
  - EEA, 2020
2. Coal employment
  - Coal mining + coal power plants
  - JRC, 2018
3. Transition speed away from coal
4. Crude oil production
  - Eurostat, 2017-2019
5. Gross National income per capita
  - The World Bank, 2017-2019

# Criterion 3. Transition speed

$$S = \frac{\text{Elect. from coal}_2(2030) - \text{Elect. from coal}_1(2019)}{\text{Year}_2(2030) - \text{Year}_1(2019)}$$

## Scenarios

Scenarios	Serbia	BiH	Kosovo
<b>Serbia 2030</b>	2030	2050	2040
<b>BiH 2030</b>	2050	2030	2040
<b>Kosovo 2030</b>	2050	2050	2030
<b>Ambitious phase-out</b>	2030	2030	2030
<b>Baseline phase-out</b>	2040	2040	2040
<b>Late phase-out</b>	2050	2050	2040

### Coal phase out dates:

- N. Macedonia: 2027
- Montenegro: 2035
- ***Serbia, BiH, Kosovo?***



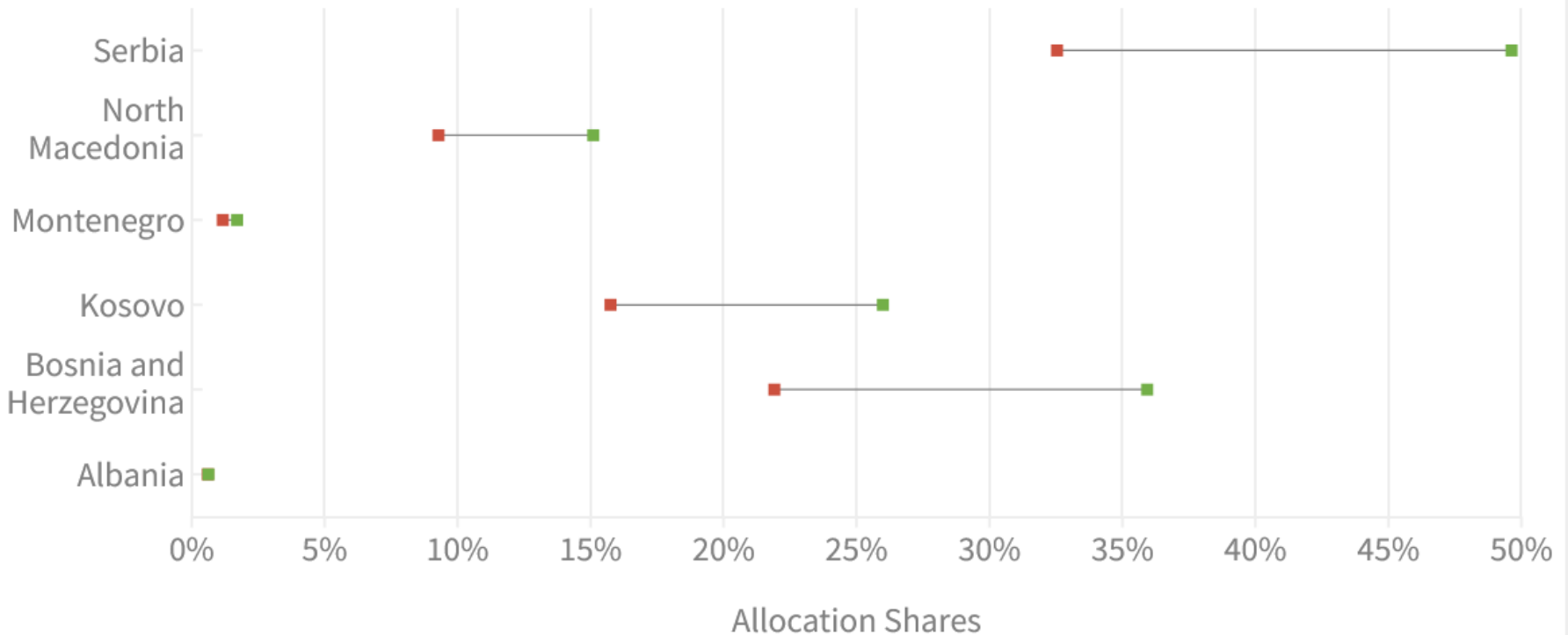
# Sensitivity Analysis

---

- Coal phase out scenarios
- Weighting factors

## Earlier coal exits lead to higher shares from a JTF for the WB

min and max shares ● Late coal phase-out ● Early coal phase-out



Weights: 50% transition speed, 24.5% air pollution, 24.5% coal employees, 1% crude oil production

- Serbia receives the highest share, followed by BiH, Kosovo, North Macedonia, Montenegro and Albania



- *Faster coal phase-out* → *higher share from the JTF*
- Serbia benefits the most from the fund: 33% - 50%
- BiH: 22% - 36%
- Kosovo: 16%-26%
- N. Macedonia benefits from the 2027 coal phase-out date
- Montenegro could triple its share, if it decides to close the last coal power plant by 2022



# Recommendations

---

- Earlier planning is essential - Minimize adverse effects
- Process should be transparent and participatory
- Account for the coal-related air pollution in the region
- Take into account the transition speed (urgency)



Thank you!



<https://thegreentank.gr/en>

