









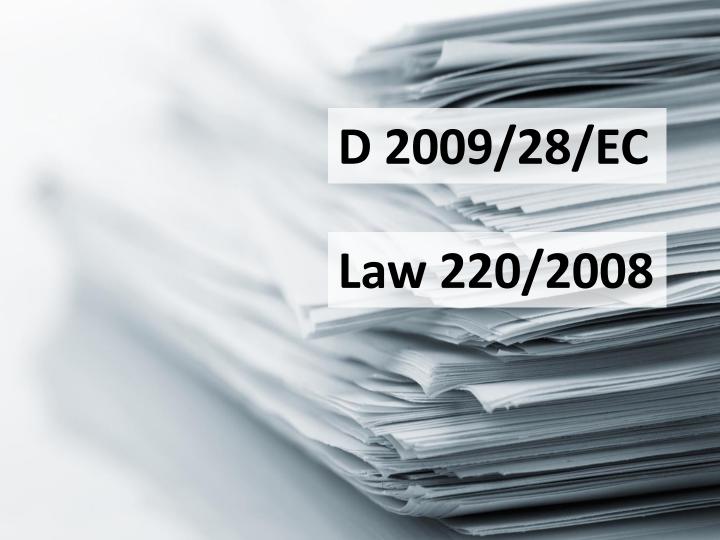


> A Vision over RES in Romania

"Renewable Energy in Romania - Opportunities and Challenges of the Clean Energy Package" - EUFORES

22nd March 2018

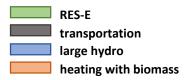
Martin MOISE

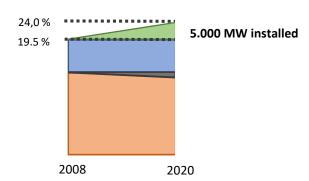


years



Target 2020



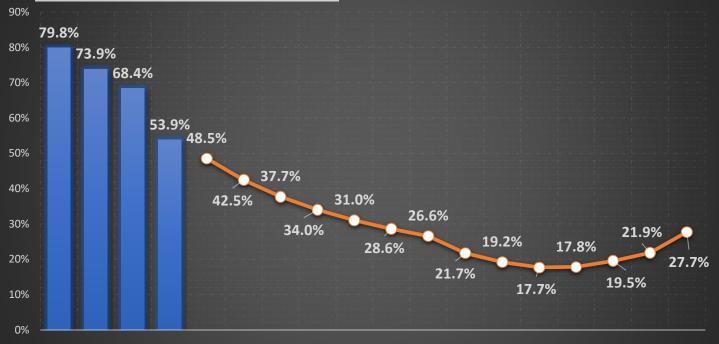


2030

Law 220/2008



GC Coverage

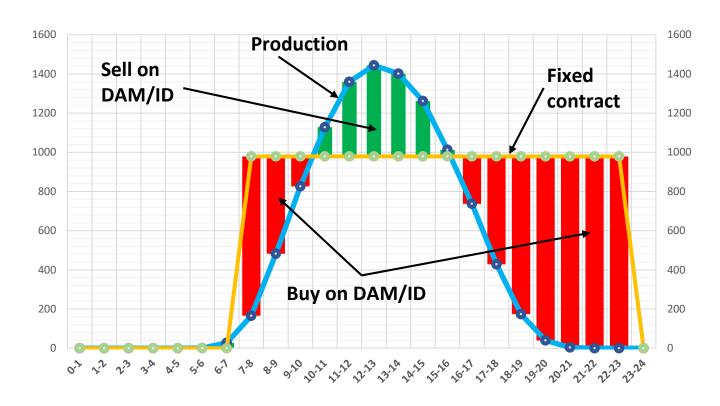


2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031

Actual GC coverage

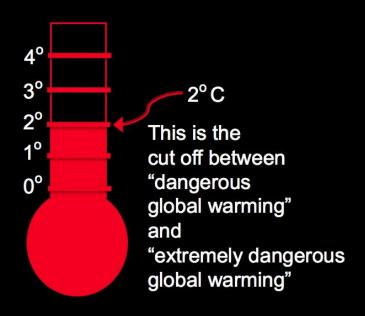
--- Planned GC coverage

Selling electricity





well below 2 degrees

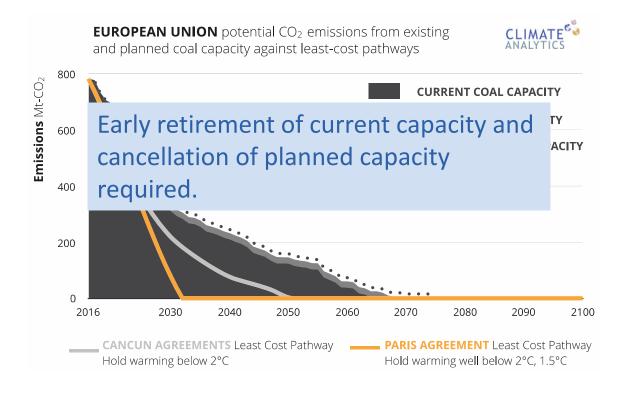


3 "0"



Emissions resulting from coal-based power generation capacity vs. PA budget

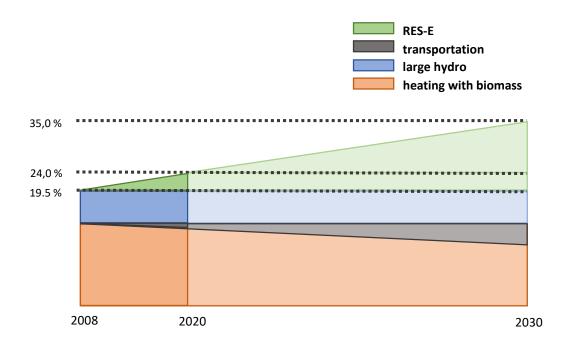








Target RO 2030 – 35%?



Max. potential RES

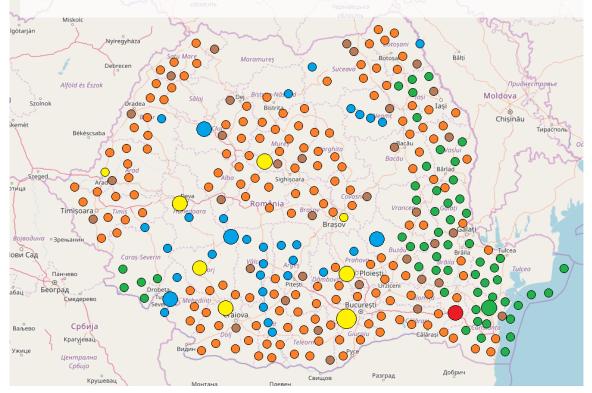
Power plant technology	Today [MW]	Until 2030 [MW]	Until 2050 [MW]
Wind onshore	3156	+10606	+12084
Wind offshore	0	+3115	+3500
Solar ground-mounted	1375	+15971	+19476
Solar rooftop		+31593	+35481
Hydro - lakes	6761	+709	+798
Hydro - river		+3071	+3195
Hydro - pumping		+1361	+1361
Geothermal	0.05	+41	+63
Total	11292	+66467	+75958

Production units today lgótarján Nyíregyháza Botosani Botoșani Satu Mare Maramures Debrecen Suceava Alföld és Észak Приднестровье Bistrita-Năs Moldova Szolnok Bistrița Chisinău Тирасполь Békéscsaba Bacău Harghita Bacau Bârlad Arad Sighisoara этица Covasn C Timişoara a Војводина •Зрењанин Tulcea ови Сад Prahova Ploiesti Панчево 0 Pitesti Urziceni Београд абац Смедерево București Србија Ваљево Călărași Крагујевац Teleorman Видин Ужице Централна Добрич Разград Свищов Крушевац

Legend:

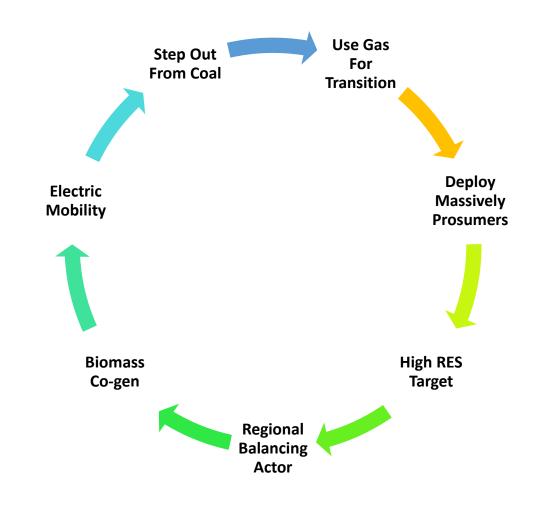
- coal
- 🕒 gas
- hidro
- solar
- wind
- biomass
- nuclear

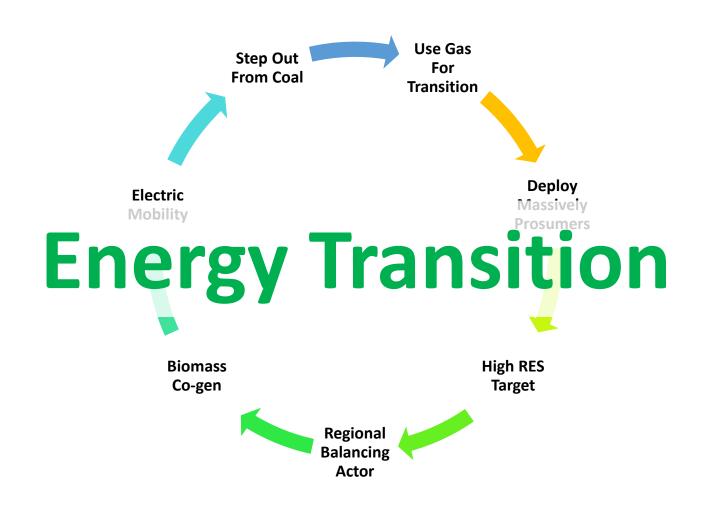
Production units after 2030



Legend:

- coal
- 🕒 gas
- hidro
- 🔵 solar
- wind
- biomass
- nuclear

















> Thank You!!

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