REKK Regional Centre for Energy Policy Research

South East European Electricity Roadmap - SEERMAP -

Grantors:

MINISTERIUM FÜR EIN LEBENSWERTES ÖSTERREICH

European Climate Foundation

Consortium members:

Electricity Coordinating Center

OGR

TU WIEN TECHNISCHE UNIVERSITÄT WIEN

ERRA ENERGY REGULATORS REGIONAL ASSOCIATION

SEERMAP project background

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- The window of opportunity to avoid high carbon lock-in for SEE is in the next five years
- National, professional level dialogues about energy futures are virtually non-existent in the region
- Energy visions are limited to a 2030 time horizon
- Energy strategies do not consider regional cooperation in RES-E utilization
- Hypothesis: *professional dialogues supported by analysis can help informed decision making about viable and cost-effective energy futures*

Value-added of SEERMAP

- Long time horizon up to 2050
- An almost full SEE geographical coverage:
  - Albania, Bosnia and Herzegovina, Kosovo*, FYR of Macedonia, Montenegro, Serbia
  - Bulgaria, Greece, Romania
- Detailed assessment on RES deployment – with advanced modelling tools
- Macroeconomic assessment of various decarbonisation pathways
- Focus on regional aspects

Reference projects of the consortium members in the SEE region

REKK:

- SLED project – Low carbon development for the electricity sector of Albania, Montenegro, Macedonia, Serbia
- PECI 1 and 2 assessment for the Energy Community Secretariat and EC
- CESEC – Central and South Eastern Europe Gas Connectivity assessment
- CBA infrastructure assessments in EnC countries (Serbia, Montenegro, Bosnia and Herzegovina)
- ECRAN - Environment and Climate Regional Accession Network

TU Vienna:

- BETTER project
- Assessment of NREAP Implementation for the EnC Secretariat

EKC:

- SECI modelling in the SEE region
- CBA assessments of network developments in SEE

Reference projects of the consortium members in RES and climate policy assessment

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Various EU financed projects:

- Towards 2030 - Dialogue on a RES policy framework for 2030
- LOCSEE – Low Carbon South East Europe
- BETTER project - addressing RES cooperation between the EU and third countries
- SET-NAV - supporting strategic decision making in Europe's energy sector, enhancing innovation towards a clean, secure and efficient energy system

towards2030

LOCSEE Low Carbon South East Europe

BETTER

SET-Nav Strategic Energy Roadmap