

# South East Europe role in an integrated European energy system

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Regional Energy Policy Initiatives to achieve EU energy policy objectives  
Energy governance in the Energy Union

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Brussels

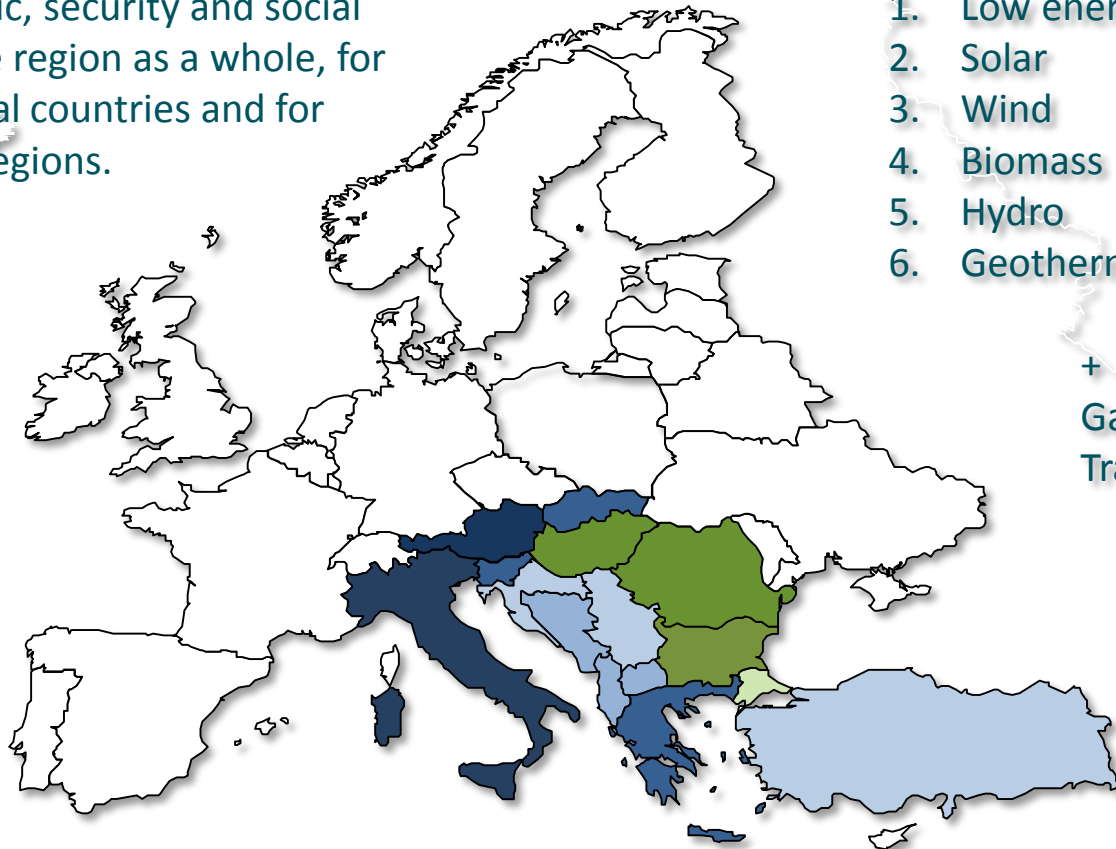
# South East Europe offers key ingredients for the future European Energy Strategy

South East Europe has significant, economical and diversified clean energy resources. They could bring strong economic, security and social benefits for the region as a whole, for all the individual countries and for neighbouring regions.

Six high potential energy sources:

1. Low energy efficiency
2. Solar
3. Wind
4. Biomass
5. Hydro
6. Geothermal

+  
Gas  
Transit



# South East Europe is seen mainly as a gas corridor

European energy infrastructure priorities for electricity, gas and oil



Southern Gas Corridor

- Gas
- Electricity
- Electricity and gas
- Oil and gas
- Smart Grids for Electricity in the EU

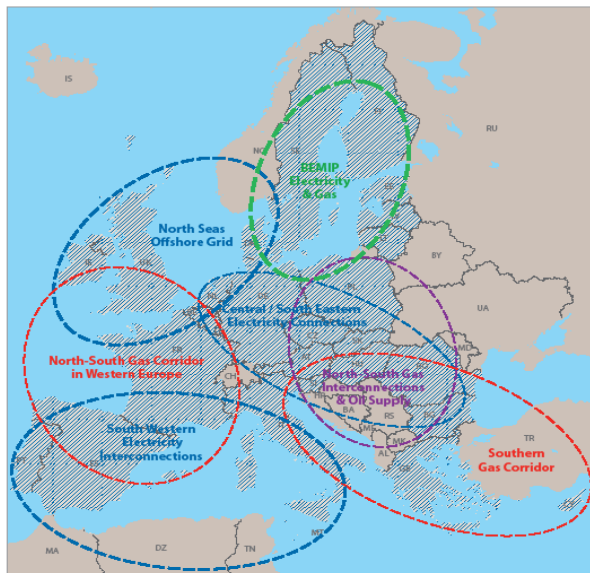
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# Developing the European energy infrastructure map

**Background:** Currently South East Europe is treated as a gas corridor only. This position does not take into account the indigenous energy potential of the region (incl Turkey).

The current EU energy infrastructure map

European energy infrastructure priorities for electricity, gas and oil

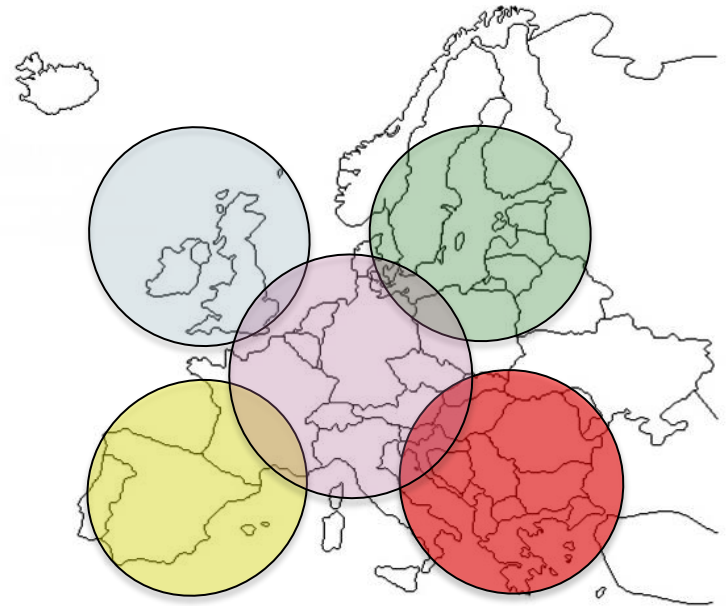


- Gas
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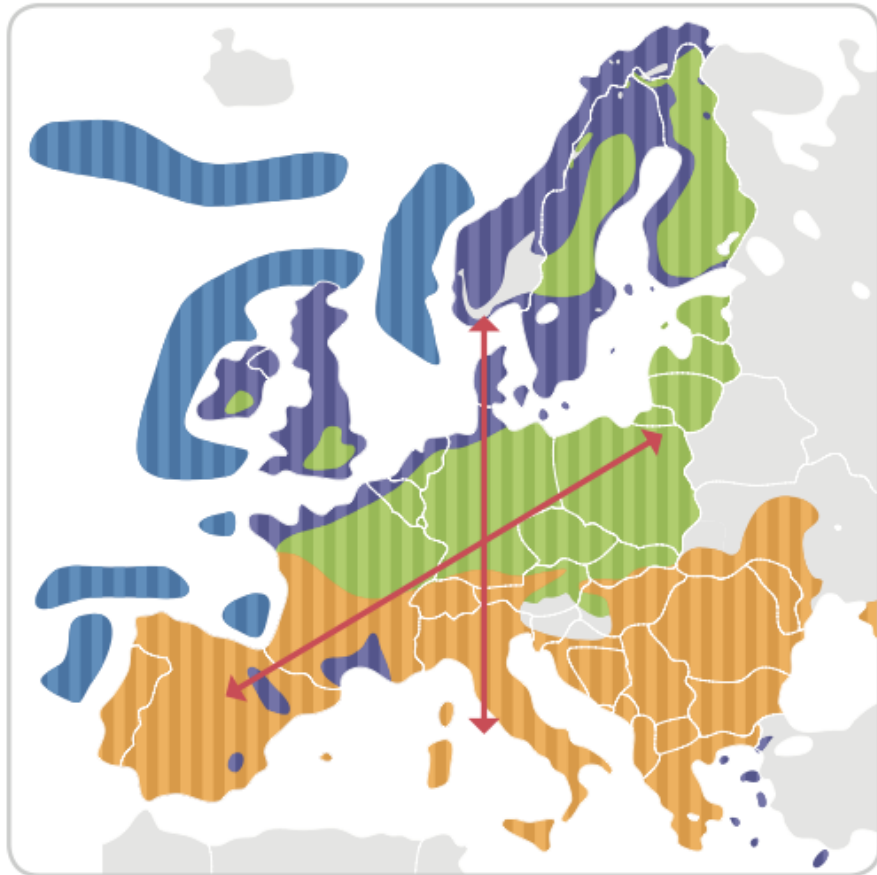


Moving towards regional infrastructure and market integration



# The current vision for the European power superhighways

## Renewable Energy Sources (RES) development by 2050:



Wave energy   Wind energy   Electricity Highways 2050  
Bioenergy   Solar energy

Based on:

- South – North RES axis
- High RES development in Spain
- Reducing Baltic energy dependency
- Independently developed North Sea Grid

This vision does not take fully into account the South East Europe potential and the EU accession process.

# Renewable Energy Sources (RES) development by 2050:



Wave energy    Wind energy    Electricity Highways 2050  
Bioenergy    Solar energy

## The missing link



SE-NW power superhighway:

- Should be a key scenario for capturing the SEE indigenous energy potential.
- Could connect the EU with Turkey and the Gulf states
- Enhance the EU energy security (Cyprus, Israel)

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