## Regional Cooperation in Energy Sector

**EIHP view** 

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# REGIONAL BORDERS IN TERMS OF ENERGY SECTOR?



### **Energy Community (EnC)**



#### • Members:

- Contracting Parties
- Candidates
- Observes
- European Union



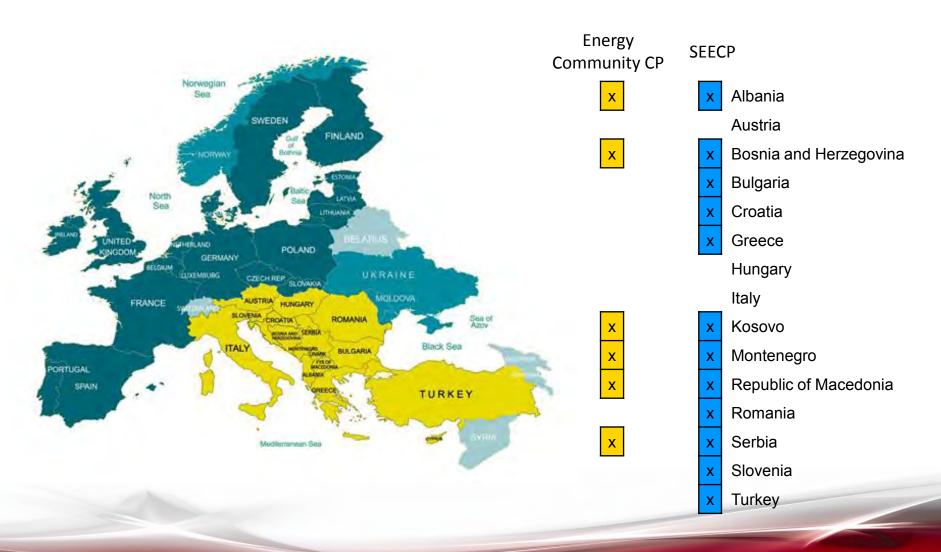
### South Eastern Europe Cooperation Process (SEECP)

#### • Members:

- Albania
- Bosnia and Herzegovina
- Bulgaria
- Croatia
- Greece
- Kosovo
- Moldova
- Montenegro
- Republic of Macedonia
- Romania
- Serbia
- Slovenia
- Turkey



### Energy region – including all countries having impact on energy flows in region





#### Political and legislative context

- Region is in the intersection of different associations and initiatives

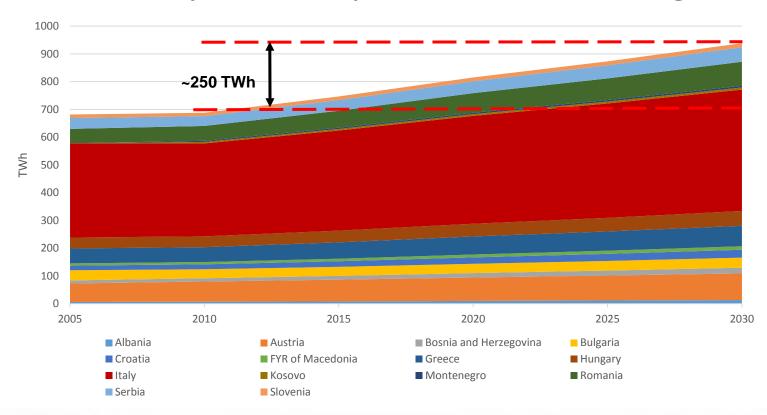
   Energy Community, SEECP; with differences in the level of
   economical and political development
- Region, in terms of energy sector, is covered by SEECP countries and additionally Austria, Hungary and Italy, as they significantly affect energy flows towards the countries in the region
- Characteristics of energy sector in region are not closed inside regional borders, there is a need for market communication with other markets
- Countries in the wider energy region:
  - Different levels of liberalization of energy market
  - Different levels of harmonization of legislation and institutional procedures with the EU acquis

# REGIONAL ENERGY SECTOR CHARACTERISTICS



#### **Electricity**

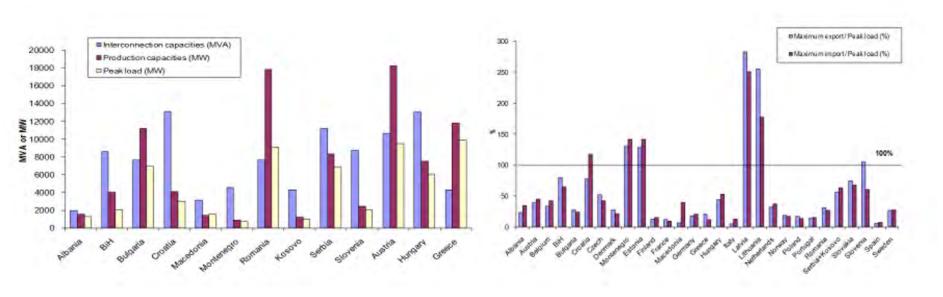
Electricity consumption in the SEE region





#### **Electricity**

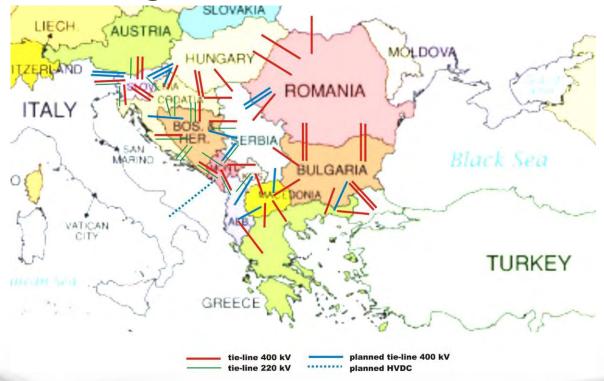
Possibilities of electricity exchange in the SEE region





#### **Electricity**

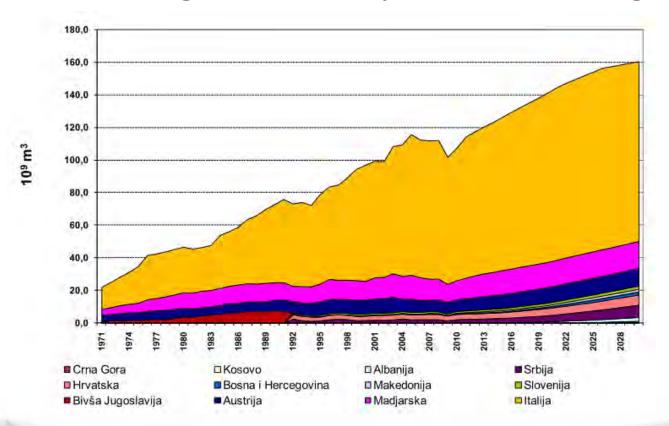
Existing and future tie-lines 400 kV and 220 kV in the SEE region





#### **Natural** gas

Total natural gas consumption in the region





#### **Natural** gas



- PCI Projects of Common Interest
- Importance of SEE region for new supply routes to EU



#### Oil

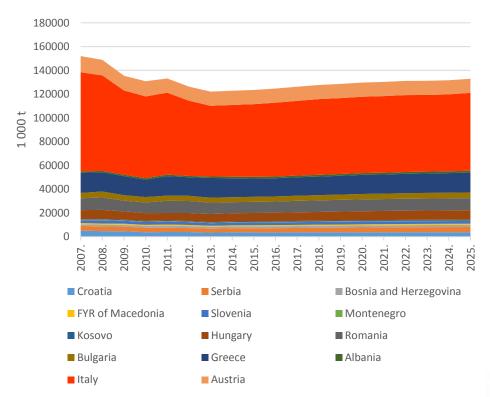
- Total production capacities of 181 million tons
- Total consumption of 120 million tons



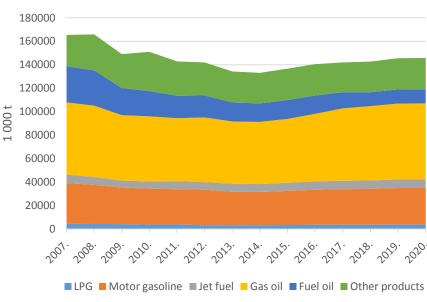


#### Oil

### Petroleum products consumption in the SEE region



### Production of petroleum products in the SEE region



#### **REGIONAL COOPERATION**



#### **Economical context**

 Region is scarce in energy resources and depends on energy import, and is not adequately connected (especially gas network)

 Security of supply depends on building new generating capacities, connection of transportation network and realisation of of gas and oil supply projects within the region



#### Possible domains for cooperation

- Connection of transportation networks between countries in the region (electricity transmission lines, gas and oil pipelines)
- Legislation harmonisation and institution building necessary for market development (aim of EnC)
- Development of regional energy market
- Development of energy security system in region
- Creation of conditions that encourage new investments in energy sector
- Connection of professional and scientific institutions



#### Three pillars of regional cooperation

- Political (SEECP)
  - Stimulate intragovernmental cooperation in the infrastructural projects, transport, and supply routes diversification
- Legislative/integrative (Energy Community)
  - Continue Energy Community efforts in harmonization of legislation and institutional procedures with the EU acquis
- Economical (cooperation initiatives)
  - Binding of electricity and natural gas TSO's
  - Binding of electricity and natural gas DSO's
  - Energy market interlinking
  - Cooperation between producers and suppliers

