

# **WEC Regional Energy Forum FOREM 2010**

13-17 June 2010

Neptun-Olimp, Romania

## **Oil and Gas for Sustainable Development in Romania**

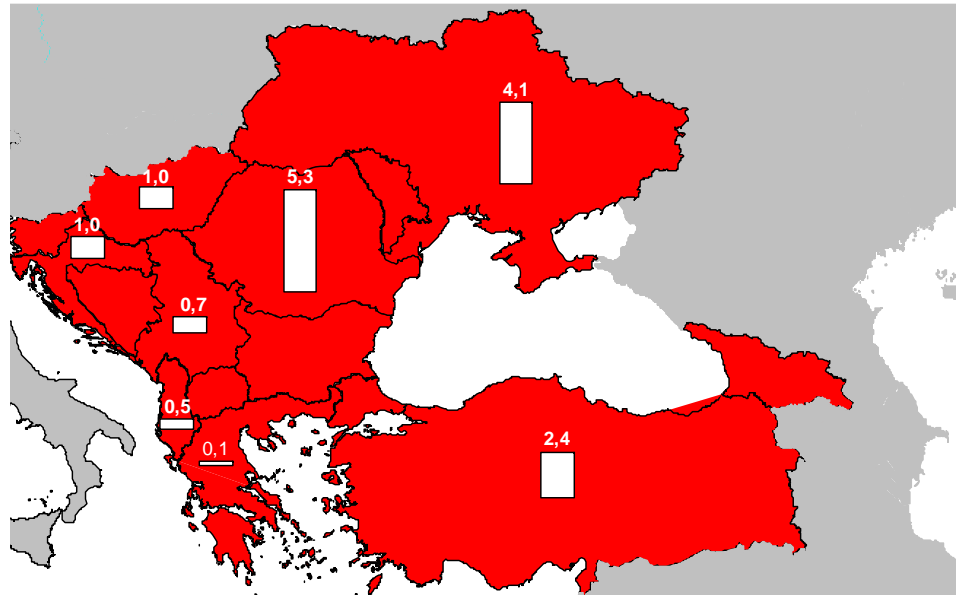
Thursday 17 June 2010

Conference Center Neptun, Hall Europa

### **Indigenous and Import Oil and Gas Supply Dynamics in the Balkan and Black Sea Region**

Valentin Kunev, Manager, BBSPA

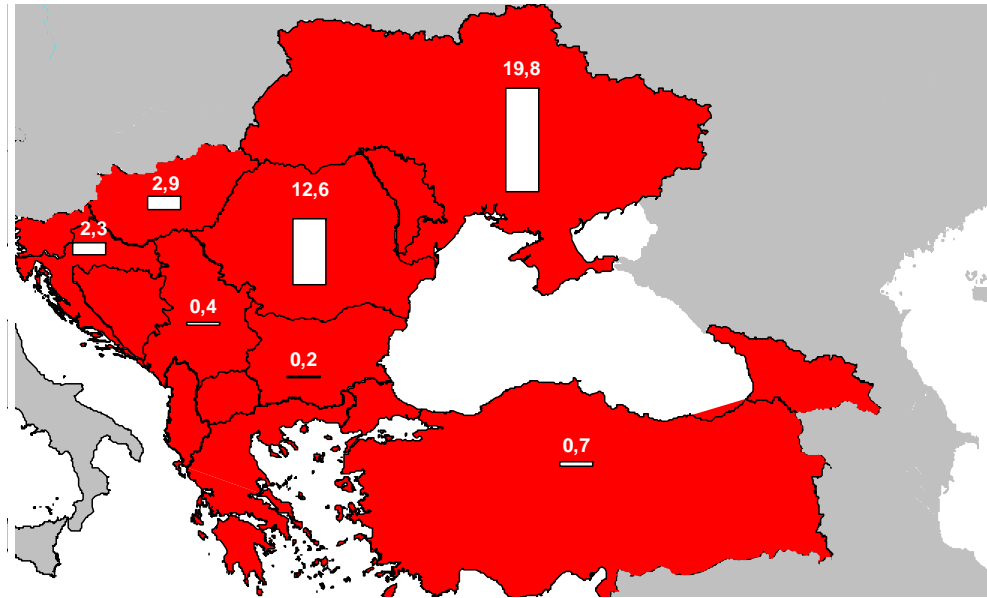
# Oil Production



Average annual production for the period 2000-2008 in mt

- Decline for the biggest producers: Romania, Ukraine, Turkey, Hungary, Croatia
- Increase for the smallest producers: Albania, Greece

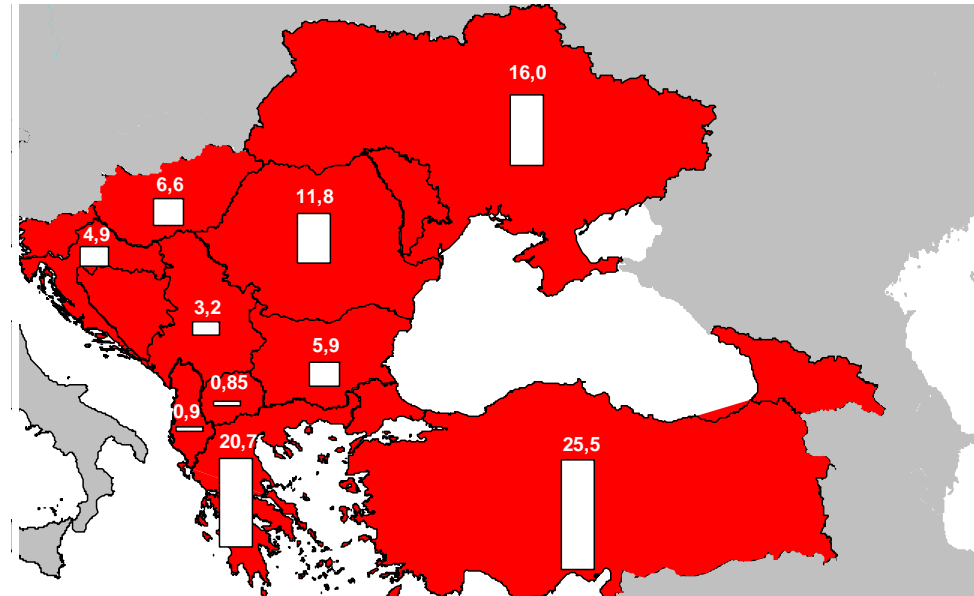
# Gas Production



Average annual gas Production for the period 2000-2008 in Bcm

- Decline for the Romania, Ukraine, Hungary, Bulgaria
- Increase for the Croatia, Turkey

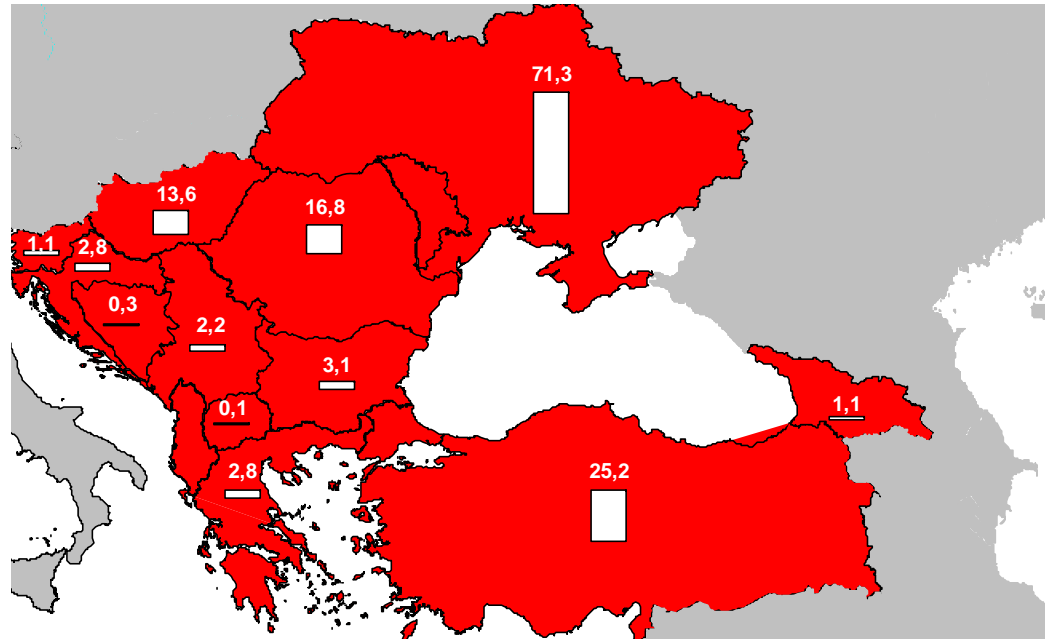
# Crude Oil Consumption



Average annual oil consumption (throughput) for the period 2000-2008 in mt

- Fluctuating around capacity utilization limits
- Increase for Bulgaria, Albania, Macedonia, Romania

# Gas Consumption

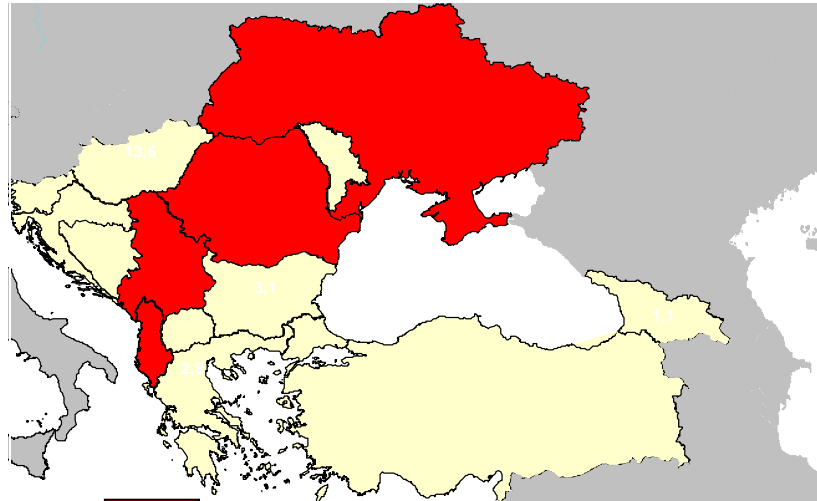


Average annual gas consumption for the period 2000-2008 in Bcm

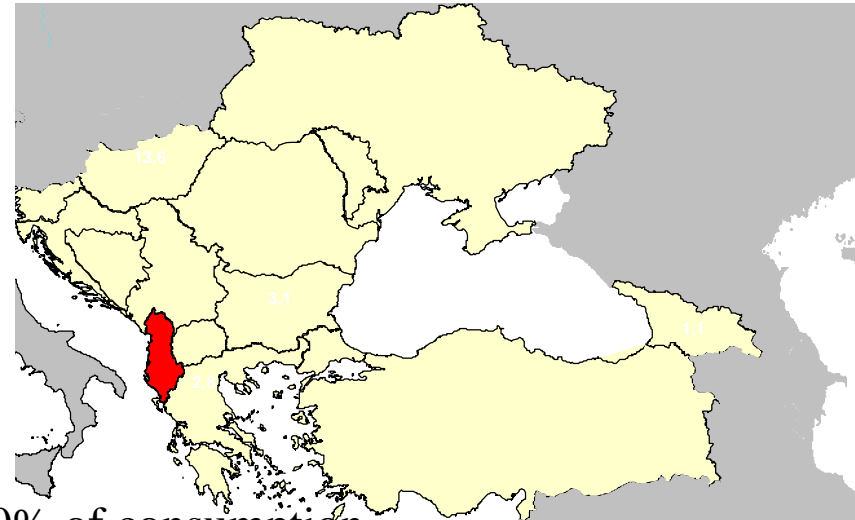
- Decline for the Hungary, Romania, Ukraine
- Increase for Bulgaria, Croatia, Georgia, Greece, Serbia, Slovenia, Turkey

# Oil: Import versus Production

Year 2000

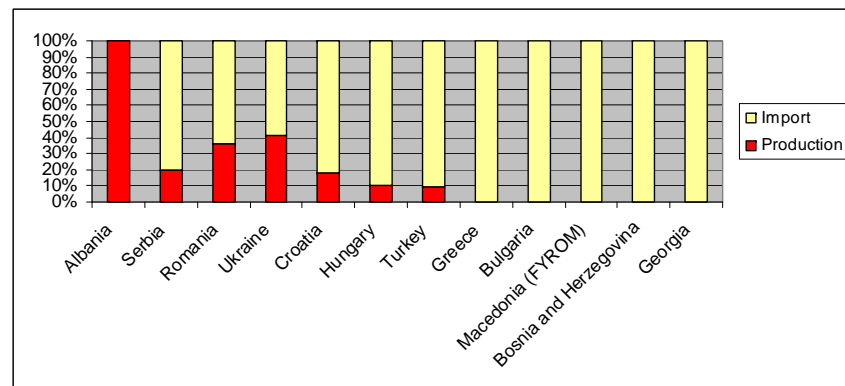
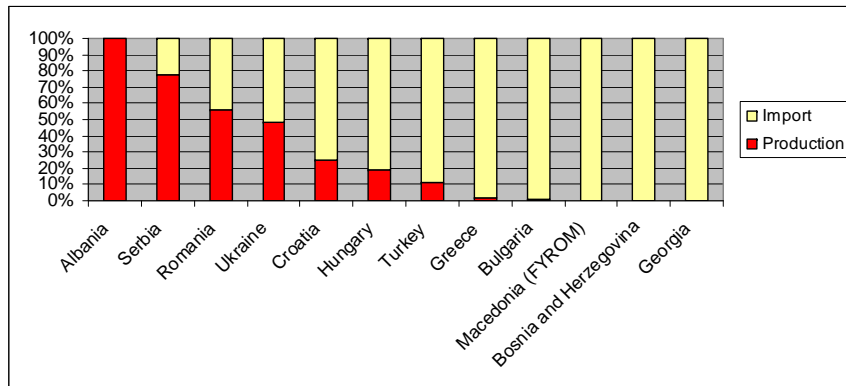


Year 2008

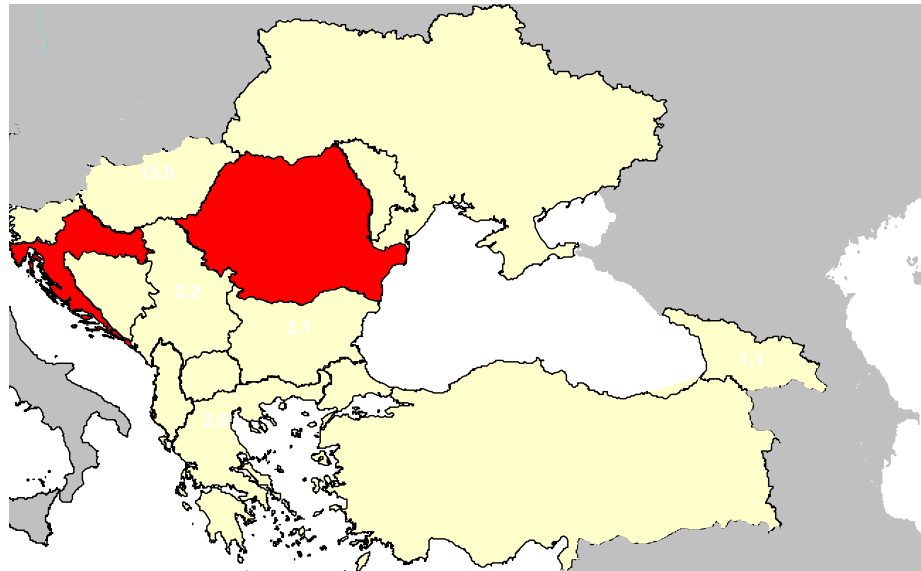


- Oil production covers more than 50% of consumption
- Oil production covers less than 50% of consumption

## Share of Oil Production versus Import



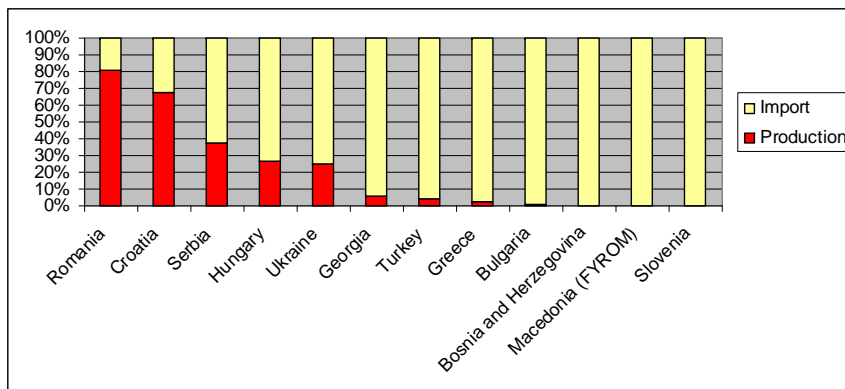
# Gas: Import versus Production



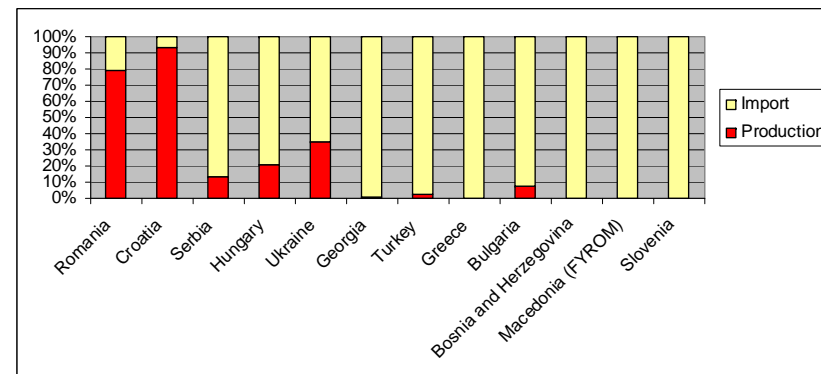
- Gas production covers more than 50% of consumption
  
- Gas production covers less than 50% of consumption

## Share of Gas Production versus Import

Year 2000



Year 2008



# Diversification Status

## Oil

<b>Import</b>	
Pipeline supplies from Russia	Hungary
Pipeline supplies from Russia + Black Sea + Caspian region	Ukraine
Black Sea + Caspian region	Bulgaria, Romania
Pipeline supplies from Mediterranean	Macedonia
Pipeline supplies from Russia and Mediterranean	Serbia
Mediterranean + pipeline supplies from Russia and Mediterranean	Croatia
Black Sea + Caspian + Mediterranean	Greece, Turkey

## Gas

### **Import**

Pipeline supplies from Russia	Bulgaria, Macedonia, Ukraine
Pipelines supplies from Russia and West (through Austria)	Hungary, Romania*, Bosnia and Herzegovina**, Croatia**, Serbia**
Pipeline supplies from Russia and Caspian region + LNG	Greece
Pipeline supplies from Russia, Caspian region and Middle East + LNG	Turkey

\*Romania built the interconnector Arad-Szeged by the end of 2009

\*\* During the supply crisis in 2009 received gas through Austria

## **BBSPA Forthcoming Events**

**Sofia, 28 September 2010:** Oil and Gas Pricing Workshop

**Sofia, 8 October 2010:** Upstream Investment Opportunities Workshop

**Kiev 20 October 2010:** Upstream Investment Opportunities Workshop

**Romania, 16 December 2010:** Investments in Oil and Gas Workshop

**Baku, January 2011:** Caspian and Black Sea Oil Workshop

**Vienna, 7-8 April 2011:** BBSPA Annual Conference

**Thank you**