



# Ministry of Economy, Labour and Entrepreneurship

Domagoj Jeic

## GAS SECTOR

- **DEVELOPMENT OF GAS SECTOR IN CROATIA**
- **UNDERGROUND GAS STORAGEES**

# Legal framework

- New gas act - april 2007
- According to EU 2003/55
- Regulated third party access
- Unbundling
- Croatian system connected to Slovenia
- Underground storage
  - Slovenia using 50 mil. m3 of working volume

# Condition of Gas system in Republic of Croatia in year 2001.



# Condition of Gas system in Republic of Croatia after first investment cycles in year 2002.-2006.



**LEGENDA**

- PLINSKA MREŽA 50 BAR
- PLINSKA MREŽA 75 BAR
- PODZEMNO SKLADIŠTE PLINA

# Condition of Gas system in Republic of Croatia after second investment cycles in year 2007.-2011.



## Total investment in gas pipeline system

No	Project	Total value USD
A/	Pula - Karlovac	130.500.000
B/	Lika & Dalmatia	155.460.000
C/	Central & East Croatia	174.405.870
	<b>Total</b>	<b>460.365.870</b>

Forecast dynamics in investment  
requiring **loans amount 195 mil  
USD**

Forecast end of  
investment in  
**2010- 2011.**

# Possible development routes of gas system in Republic of Croatia after year 2011.

**LEGENDA**

-  FLINSKAMREŽA 50 BAR
-  FLINSKAMREŽA 75 BAR
-  PODZEMNO SKLADIŠTE PLINA
-  POTENCIJALNI PRAVCI
-  LNG



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## Underground storages

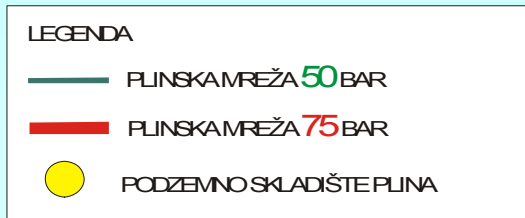
# Existing underground storage **Okoli**

## Capacity:

- 550 mil. m<sup>3</sup>
- 50 mil. Geoplin

## Max. capacity:

- 5.76 mil. m<sup>3</sup>/day
- 240 000 m<sup>3</sup>/h



# New underground storage

## Okoli II

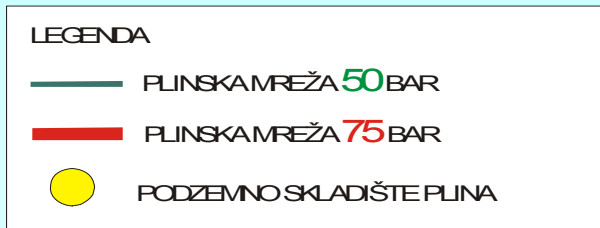
Capacity:

400-500 mil. m<sup>3</sup>

Gas field

Max. capacity:

4 mil m<sup>3</sup>/day



# New underground storage for natural gas – regional - Beničanci

Possible capacity of storage

- 400 million - **2 billion** m<sup>3</sup>

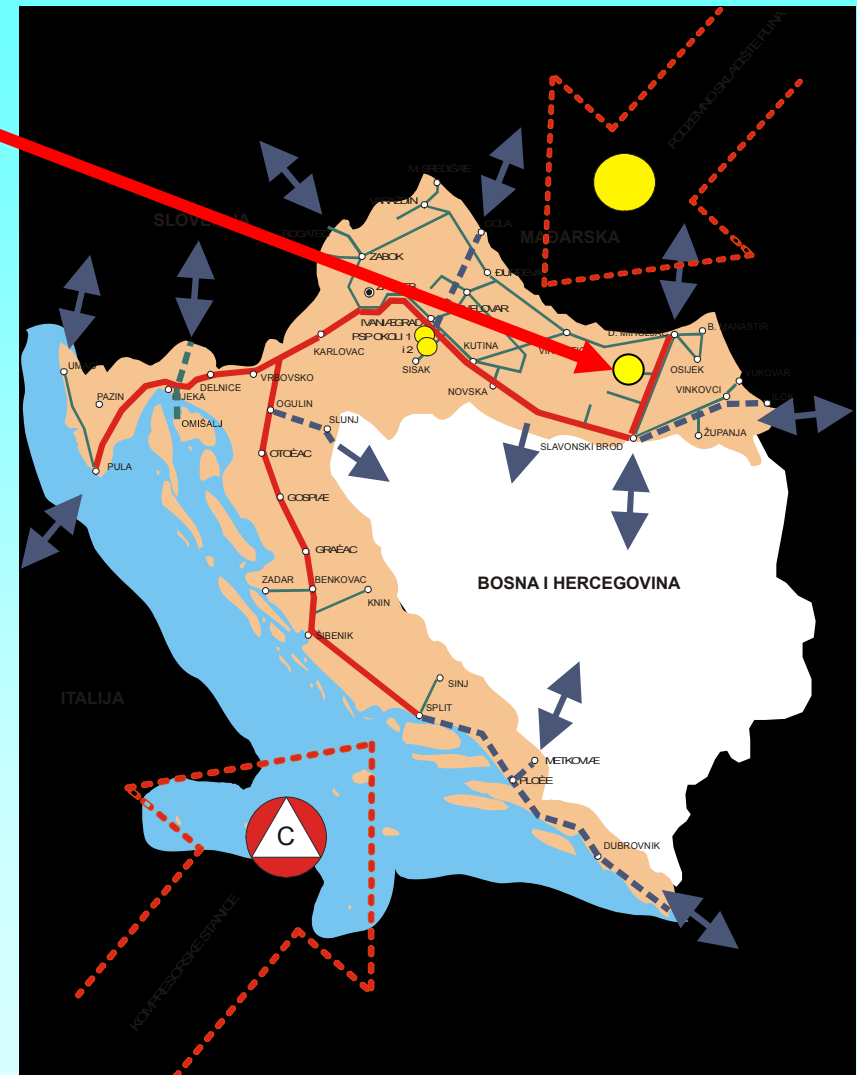
Sufficient numbers of wells and is not necessary to make new ones.

Volume of storage unsure  
possibility of **regional storage**

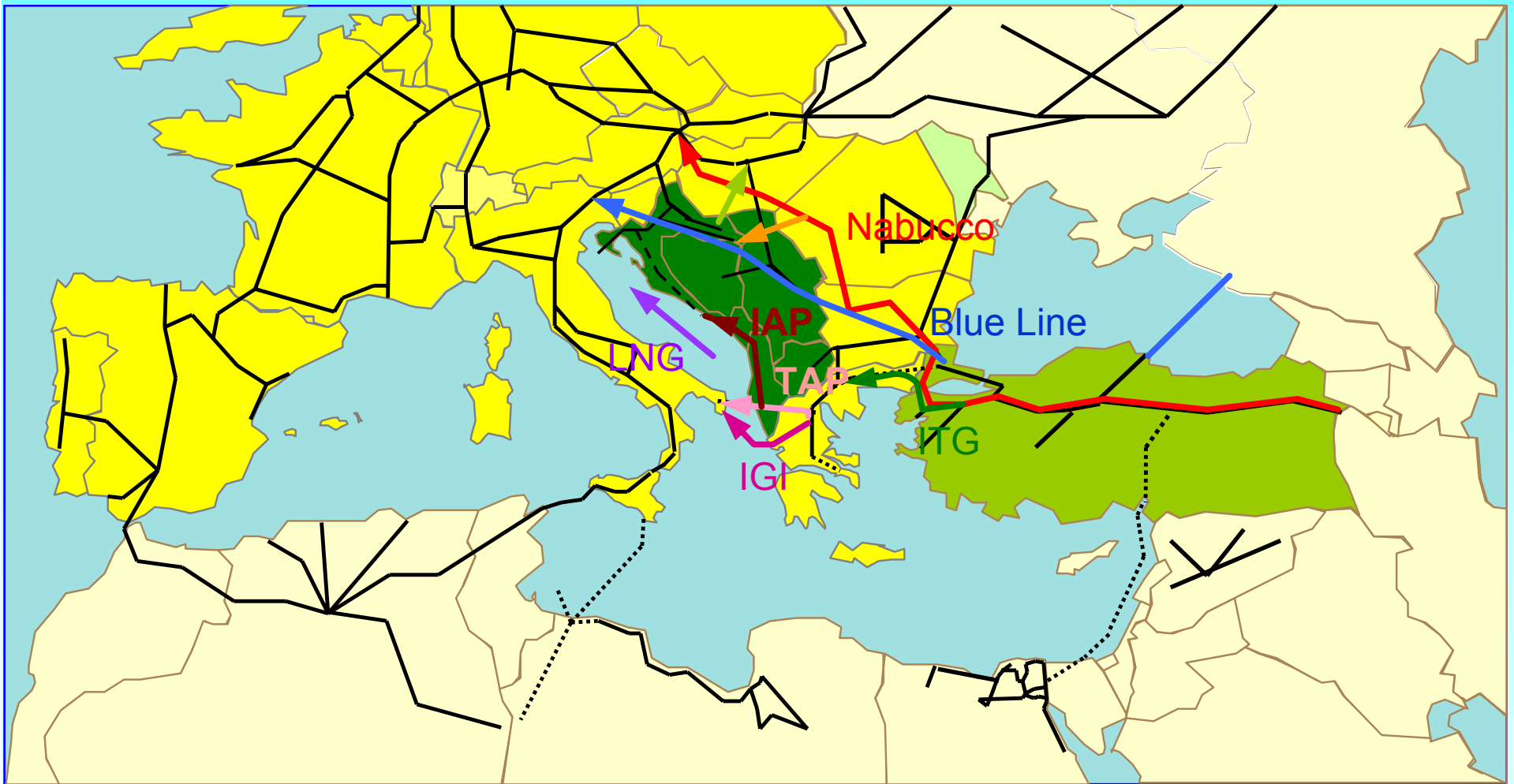
Oil field

**Max. capacity:**

6 mil. m<sup>3</sup>/day



# New Gas source of supply – Trans Adriatic Pipeline



Energy Community Treaty  
01.07.2006. in force

Mini Gas Forum Vienna,

May 11 2007

## Information

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**Thank you for your attention**

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