

PLINACRO Ltd & WBIF

**2nd anniversary of the WBIF
Zagreb, Croatia, 28 March 2012**

Technical data - 2002

1,641 km of high-pressure pipelines

137 MRSs

Transmission - 2.95 bcm of gas

max. capacity 560.000 m³/h

Technical data - 2007

2,085 km of high-pressure pipelines

9 entry points

151 exit points

DC - new SCADA, CS system

Transmission - 3.1 bcm of gas

Technical data - the end of 2011

2,643 km of high-pressure pipelines

10 entry points

167 exit points

2 interconnections

Transmission – 3.4 bcm of gas

Technical data - 2014

2,775 km of high-pressure pipelines

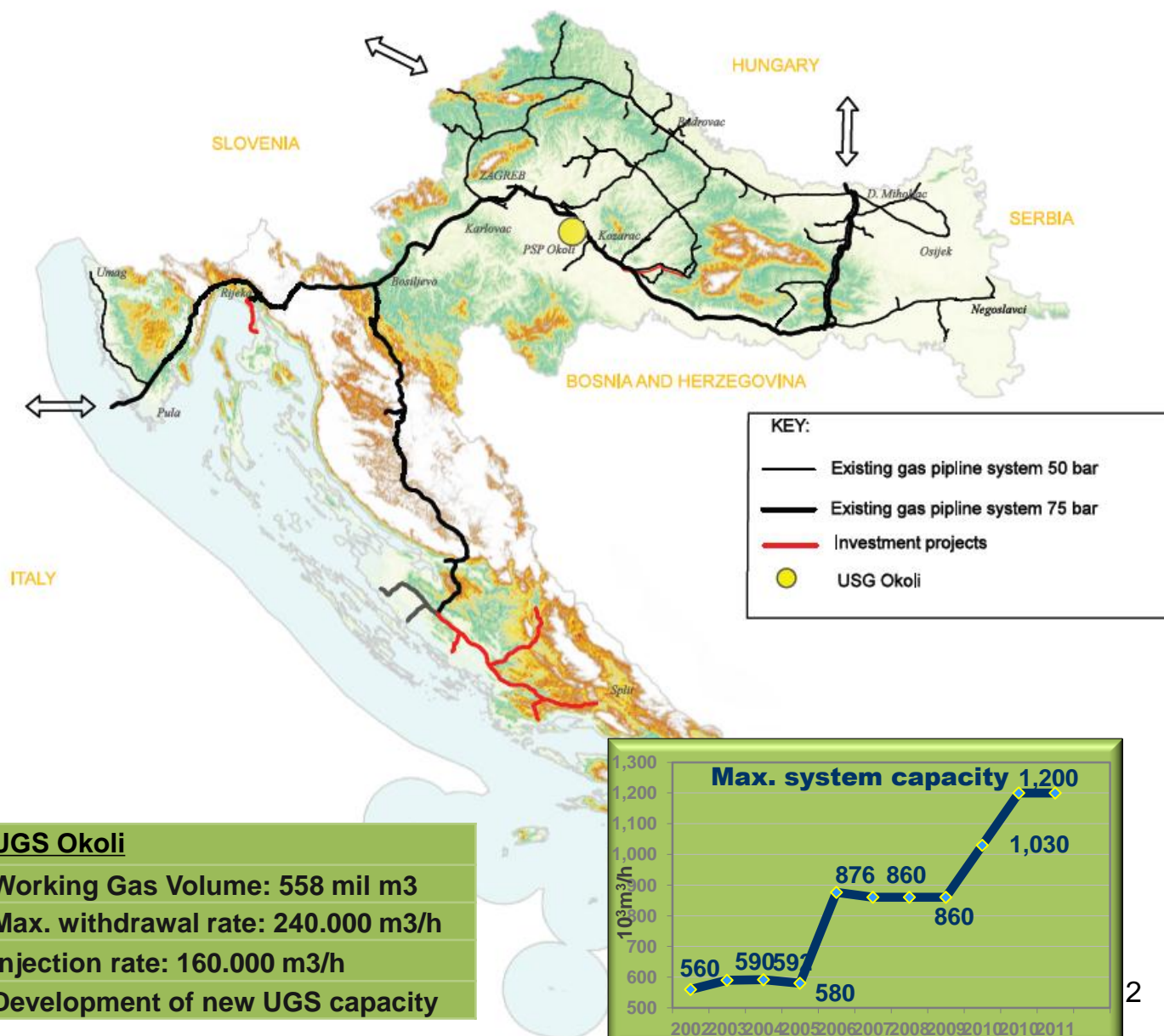
10 entry points

172 exit points

2 interconnections

Transmission – 4,5 bcm of gas

max. capacity 1.200.000 m³/h



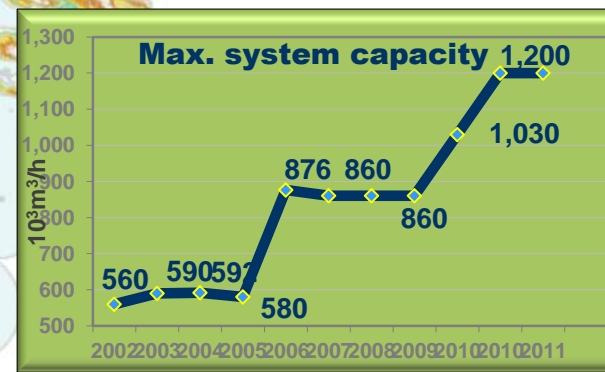
UGS Okoli

Working Gas Volume: 558 mil m³

Max. withdrawal rate: 240.000 m³/h

Injection rate: 160.000 m³/h

Development of new UGS capacity



5th round of the project nomination for WBIF - February 2011.

PROJECTS:

1. Ionian – Adriatic Pipeline(IAP)

- regional project
- the request was sent by **Croatia** i.e. **Plinacro** (the project lead), supported by all national IPA coordinators (NIPAC) of participating countries (**Albania, Montenegro and Bosnia and Herzegovina**), under the coordination of the Energy Community Secretariat
- Comprehensive feasibility study including EIA, SIA and CBA
- Total grant request – **3,5 mil €**

2. LNGRV

- Conceptual solution, comprehensive feasibility study including EIA, SIA and CBA, Conceptual (Basic) Design
- Total grant request – **1 mil €**

3. LNG Evacuation Pipeline Omišalj – Zlobin – Rupa

- Cost Benefit Analysis
- Total grant request – **180.000 €**
- All projects supported by EBRD
- 23/24 June 2011 – **GRANTS APPROVED** by the Steering Committee of WBIF in Norway

Connection of gas transmission system of Lika and Dalmatia with TAP Project (Trans – Adriatic- Pipeline)

MP Split (HR) – Fieri (ALB) DN800
- DN1000 / 75 bar, L= 540 km

Supply with natural gas - Albania,
Montenegro, Bosnia and Herzegovina
and Croatia

Max capacity: 5 bcm/y

Possibility of transit of natural gas to
Central and Western Europe

Possibility of reverse flow

September 2007- Albania, Montenegro and
Croatia signed **Ministerial Declaration**.

December 2008 - Bosnia and Herzegovina
signed **Ministerial Declaration**.

EGL and Plinacro signed **Memorandum of
Understanding**

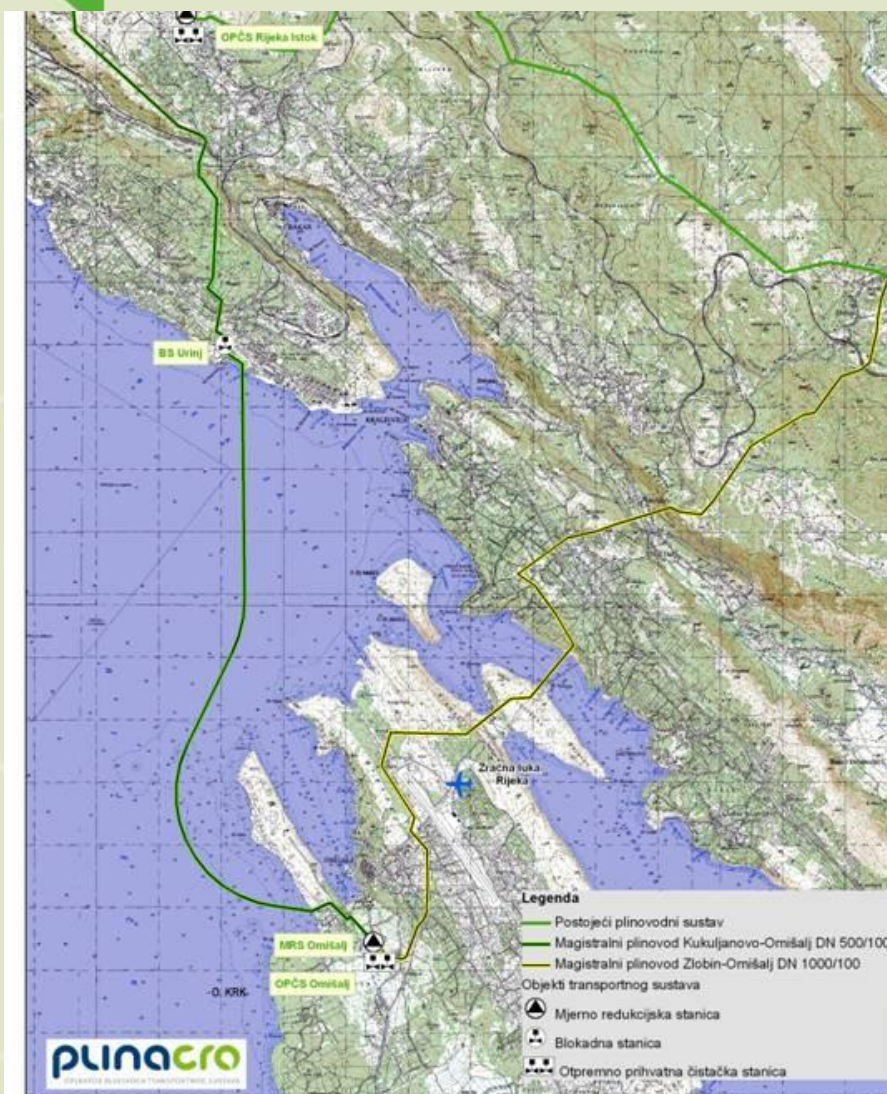
June 2010 – Interstate Committee
established, led by Croatia

February 2011 – Plinacro and TAP signed
Memorandum of Understanding.

April 2011 – TAP/Plinacro/IAP Joint Working
Group established

ToR for the Feasibility Study-
approved by EC, drawing up the
Study - April 2012





Drawing up business plan, which comprises:

- together with the selected partner (due to – shortage of financial and professional capacities in Plc)
- Needs to include all future project phases

1st phase: - LNGRV

- Installation for receiving LNGRV
- Capacity: 1-2 bcm/y

2nd phase – FSU- LNG storage – on a vessel

- Onshore Regasification - a part of the future LNG terminal
- Capacity: 2-4 bcm/y

3rd phase: - Construction of LNG terminal onshore in compliance with the required capacity

- Capacity: 4-6 bcm/y

Future development of the gas transmission system needs to be harmonized with the phases of LNG development

ToR for the Feasibility Study- approved by EC, drawing up the Study - April 2012

Omišalj – Zlobin – Rupa

The implementation of the entire project of LNG evacuation gas pipeline Omišalj-Zlobin-Rupa provides natural gas transmission from the future LNG in Omišalj on the island of Krk towards the European market and towards domestic consumers and fits in the idea of a potential ADRIATIC GAS RING

•Omišalj - Zlobin:

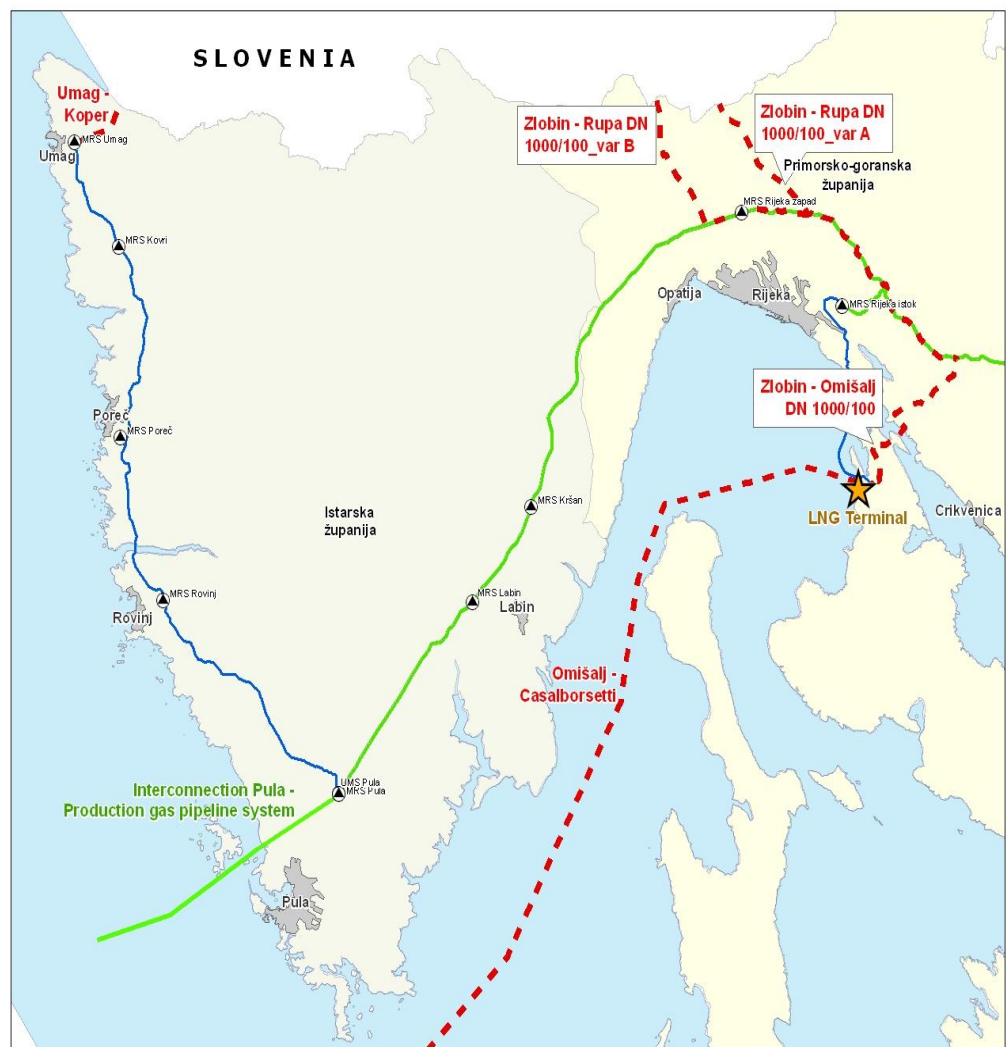
- DN 1000/100 bar, L= 18km
- Max capacity: 15 bcm/y
- Location permit obtained

•Zlobin – Rupa:

- DN 1000/100 bar, L= 34km
- Max capacity: 15 bcm/y
- The Basic Design and the service of location permit obtaining are contracted

January 2011-Request for financing from WBIF for CBA– 0,18 mil EUR approved

ToR for the CBA –sent for approval to EC/EBRD



6th round of the project nomination for WBIF - September 2011.

PROJECTS APPROVED

1. Interconnection Project Zenica – Brod (B&H) / Slavonski Brod (Croatia) transmission gas pipeline

- regional project
- the project led by Bosnia and Herzegovina i.e. BH – Gas, supported by Plinacro
- Feasibility study including EIA, SIA and CBA
- Total grant approved – 1 mil €

2. South Interconnection of B&H and Croatia (Option 1: Zagvozd – Posušje – Travnik; Option 2: Ploče – Mostar)

- regional project
- the project led by Bosnia and Herzegovina i.e. BH – Gas, supported by Plinacro
- Feasibility study including EIA, SIA and CBA, Conceptual (Basic) Design
- Total grant approved – 400.000 €

- All projects supported by EBRD
- Drafting of ToR for both projects – in progress



**Thank you for
your attention!**