

# LNG Evacuation Pipelines

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# PLINACRO GROUP

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## PLINACRO - National Gas TSO

- A 100% state-owned company
- In charge of management and development of the Croatian gas transmission system

## PSP – Operator of the UGS

- 100%-owned by Plinacro

## LNG HRVATSKA – Development of LNG terminal

- Plinacro is a co-founder of the company (50% ownership)

# CROATIAN GAS TRANSMISSION SYSTEM



- 2694 km high pressure gas system
- 952 km – 75 bar
- 742 km – 50 bar
- 157 MRS (282 metering lines)
- 10 entry points
- 172 exit points
- 2 interconnections
- 95% covering the territory of Croatia
- 600 mil EUR investments (2002-2015)

# CROATIA & NEW SUPPLY PROJECTS



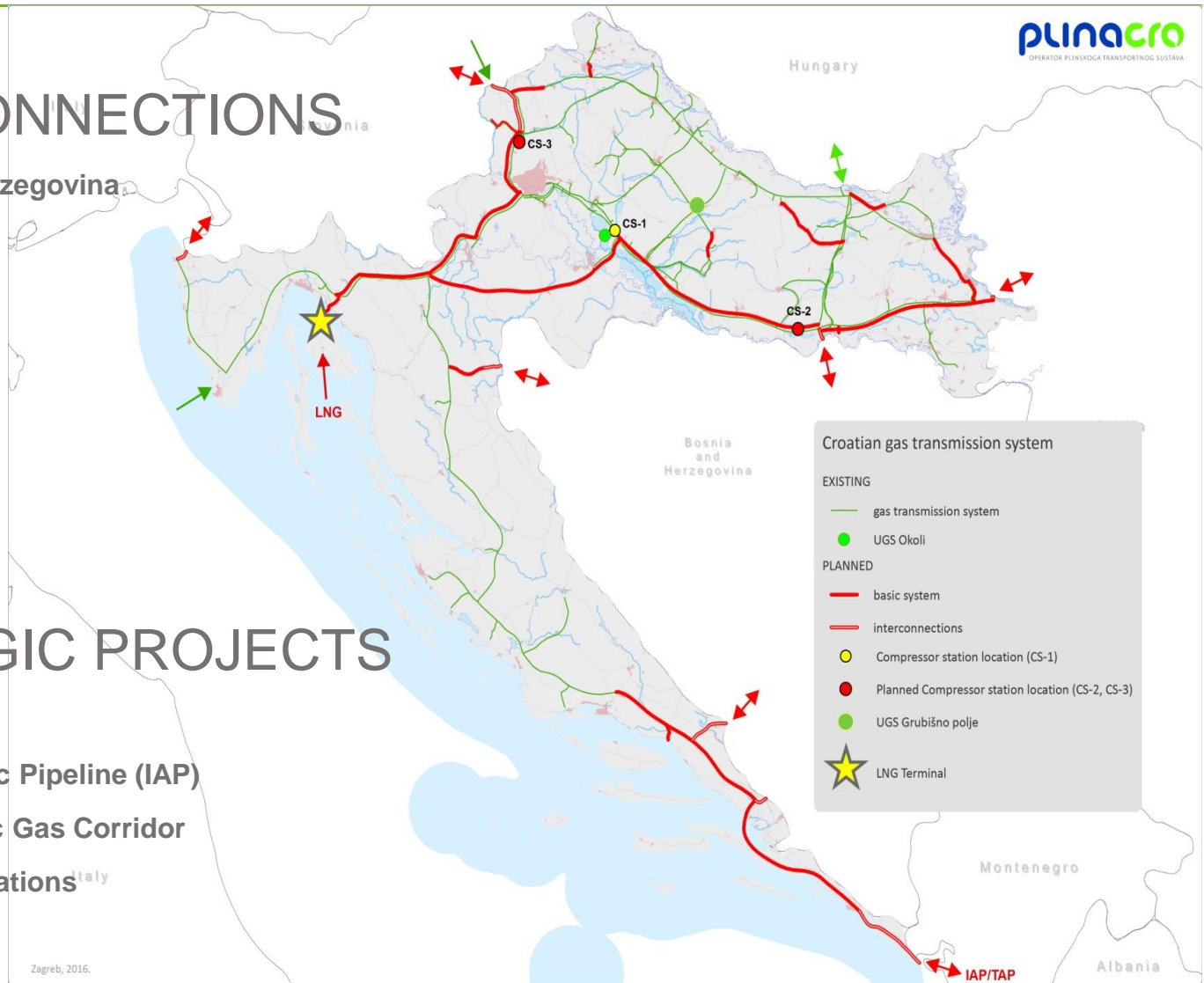
# DEVELOPMENT PROJECTS

## INTERCONNECTIONS

- Bosnia and Herzegovina
- Slovenia
- Serbia

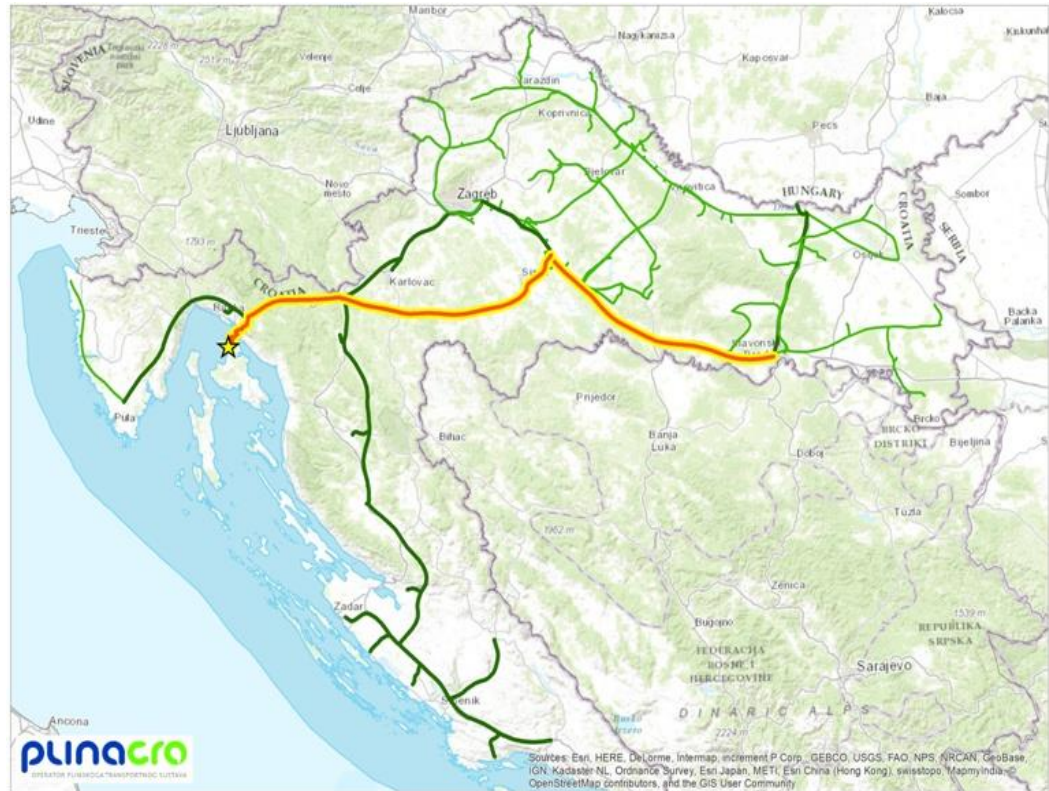
## STRATEGIC PROJECTS

- LNG Project
- Ionian – Adriatic Pipeline (IAP)
- Baltic – Adriatic Gas Corridor
- Compressor Stations



# LNG MAIN EVACUATION PIPELINE

- Omišalj - Zlobin - Bosiljevo - Sisak - Kozarac - Slobodnica
- Represents the main delivery pipeline for LNG from the island of Krk
- Construction in phases (subject to market needs):
  - Phase 1: Omišalj - Zlobin (up to 2 BCM/y)
  - Phase 2: Zlobin - Bosiljevo - Sisak - Kozarac - Slobodnica (3,5 / 5 BCM/y)
  - Phase 3: Kozarac - Slobodnica (6,5 BCM/y)
- Along with LNG there are other sources (IAP, new domestic production) – high level of diversification of supply
- Regional and trans-regional dimensions – a part of North – South (Baltic-Adriatic) Gas Transmission Corridor
- Included in PCI and CESEC priority lists



# NEW INTERCONNECTION CROATIA/SLOVENIA + CS

1. Lučko - Zabok - Rogatec

2. Compressor stations

- Regional significance – PCI and CESEC lists
- Provides SoS (N-1) and facilitates market integration
- Provides bi-directional flow on all interconnections
- Compatible with LNG project (provides gas flow from LNG, and also from IAP and other sources towards SLO, A and I)
- In the opposite direction, access to Austrian and Italian market as well as transit towards HU, BiH, SRB



# FINANCING

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- By own resources - limited potential of transport tariff!
- Nomination on the lists of significance for the EU (PCI, CESEC, PECE/PMI)
- Applying for grants to EU funds (WBIF, CEF)



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**THANK YOU!**