



BULGARGAZ



Bulgargaz is a vertically integrated energy enterprise

Activities in the gas sector:

- Supply and Transmission**
- Transit**
- Storage**
- Distribution**

Bulgargaz at Present



Deals with:	%
☐ Import	100
☐ Production	0
☐ Transmission	100
☐ Supply to industrial consumers and gas distribution companies	100
☐ Storage	100
☐ Transit	100

Bulgargaz Profile



Joint Stock company, 100% state owned

The owner's rights are applied by the Minister of Energy and Energy Resources (Principal)

Bulgargaz:

- **Owner of the high pressure gas grid on the territory of the country and**
- **Transmission System Operator (TSO)**

Gas Market Players



- **Bulgargaz (TSO)**
- **28 gas distribution companies in 33 municipalities**
- **2 production companies**

National Gas Network

(Actual status)



Technical Parameters



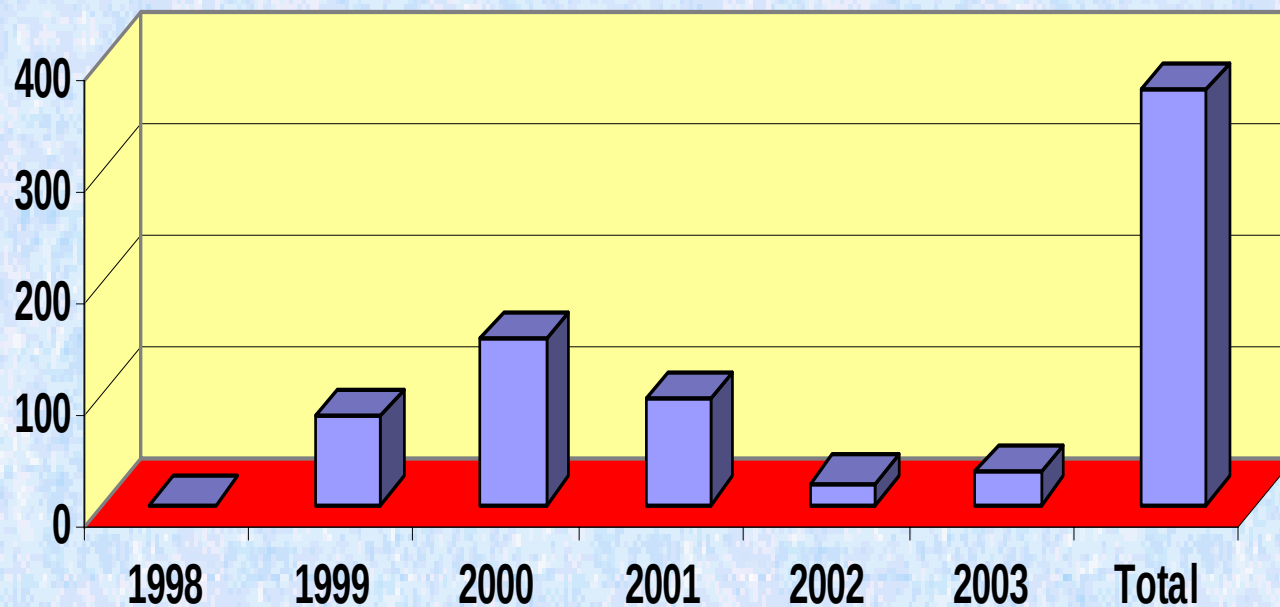
- **High pressure pipelines: 2 645 км (1650 mi)**
- **Compressor stations: 10**
- **In total : 262 MW**
- **Gas reduction stations: 57**
- **Chiren underground gas storage 1**
- **Personnel: 1000**

Investment Programme (1)



Million Leva

(1 Leva = 1.75 USD)



Investment Programme (2)

2002 - 2003

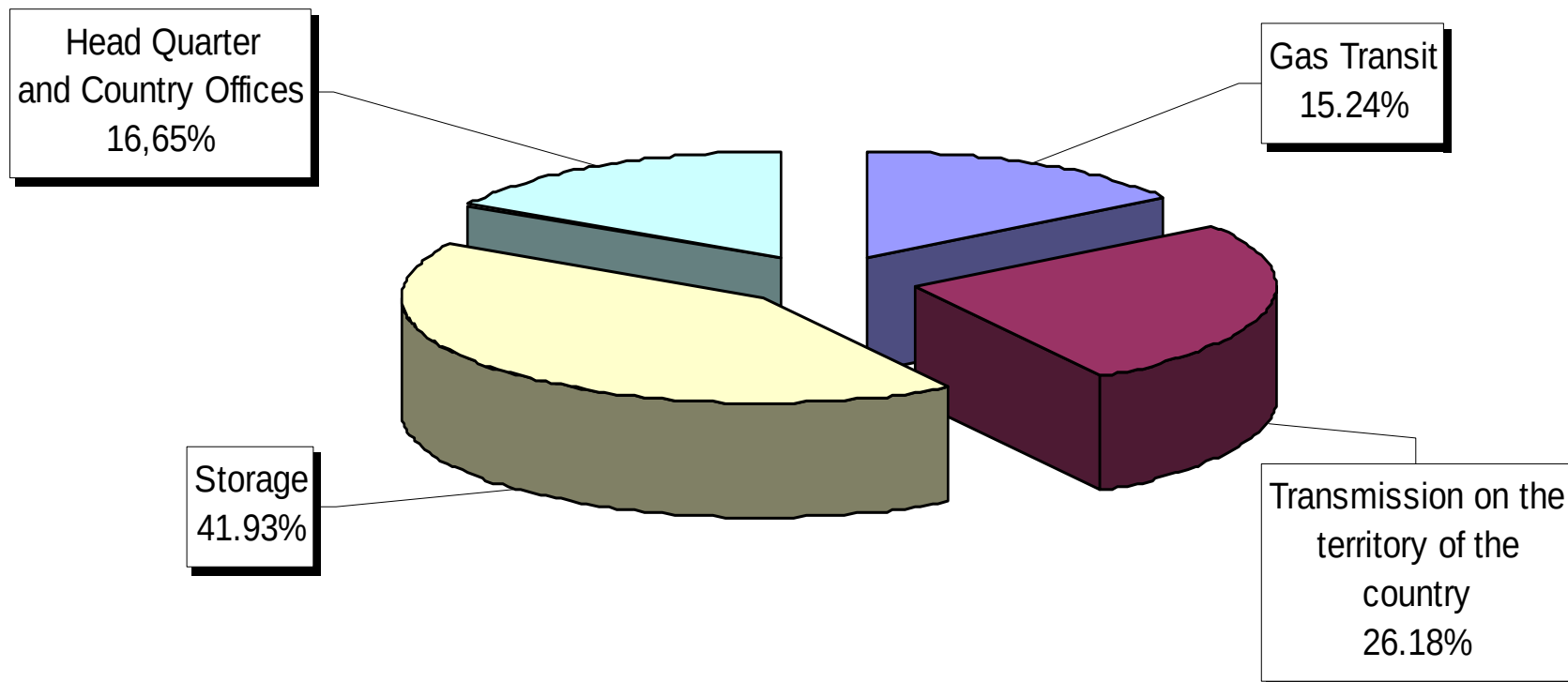


- **Rehabilitation of the compressor stations**
- **Profound modernization of the equipment and technologies of the Chiren gas storage**
- **Construction of a communication system based on optic technologies**
- **Introduction of a modern corporate information system**
- **Total investments : 30 million leva (1 leva=1.75 USD)**

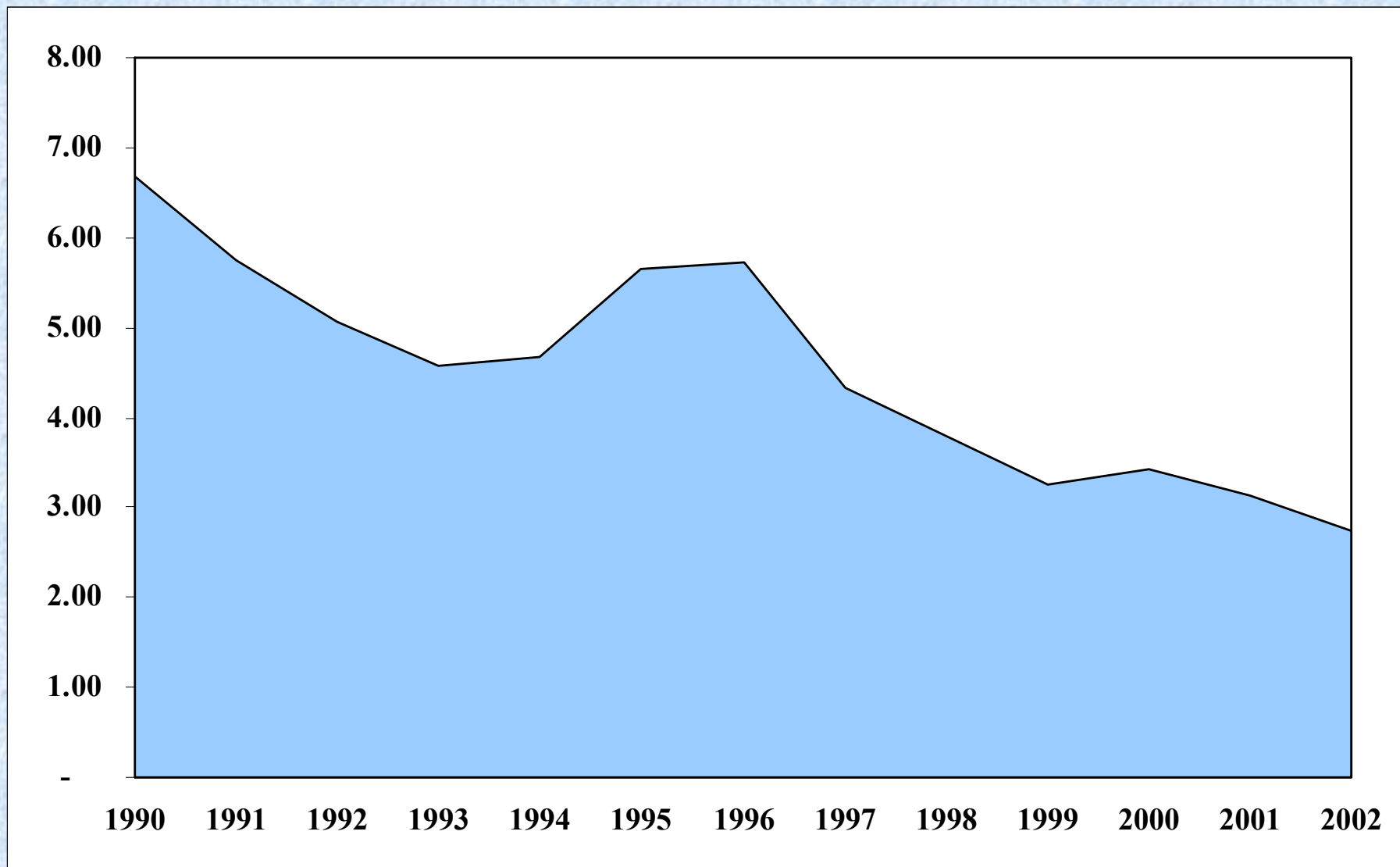
Investment Program 2003 (3)



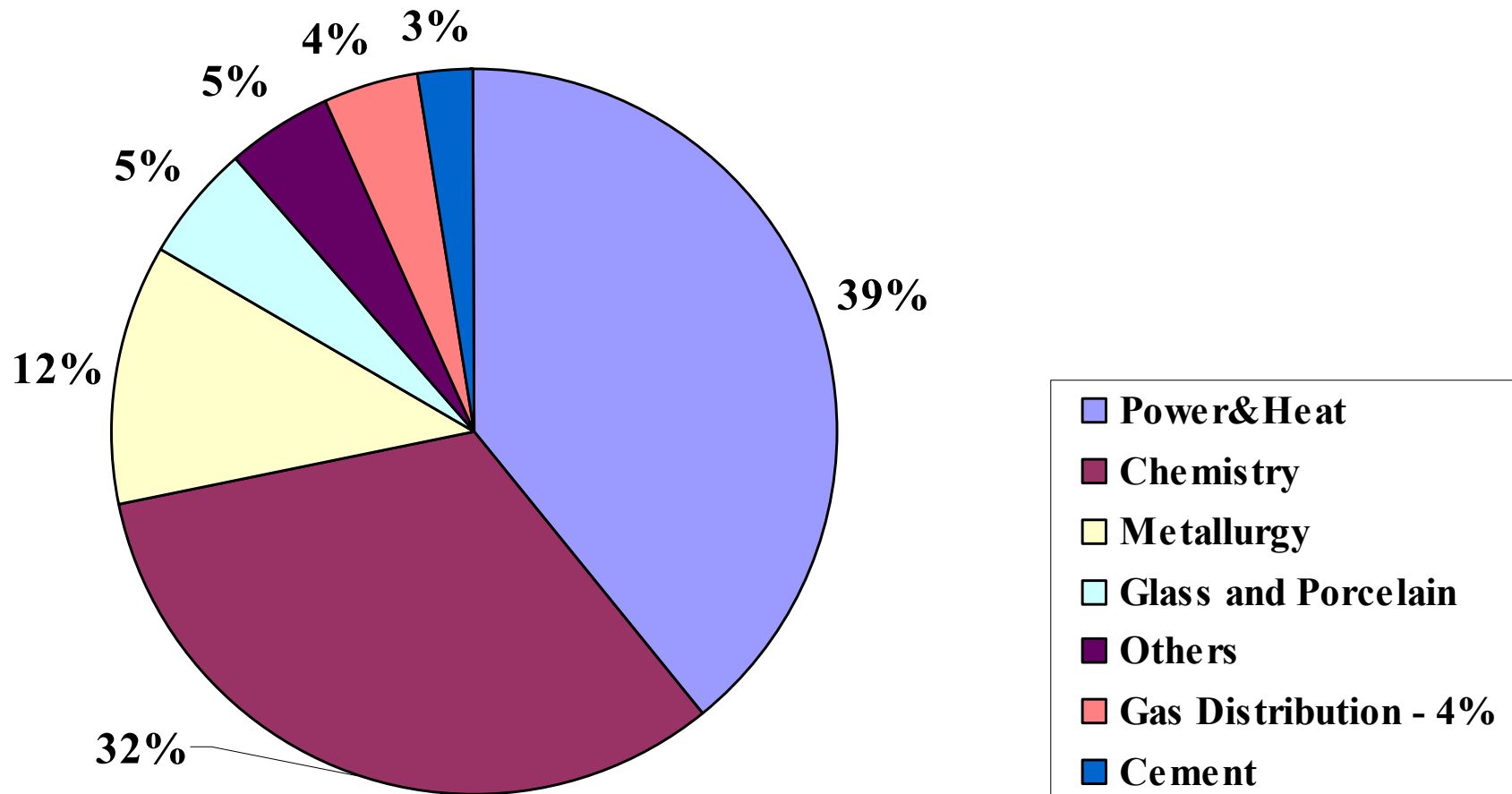
Investments' Allocation in 2003



Gas Consumption (BSCMY)



Gas Consumption Structure (2002)



Gas Distribution, 2002



Companies	Sales (MMSCM)	%
Overgas	75	66
Black Sea Technology Company	17	15
Primagas	6	5
Balkangaz	6	5
Sevlievogaz	5	4
Komekes	4	4
Bulgargaz	0.09	0.07
Total	113	100

Gas Transit via Bulgaria

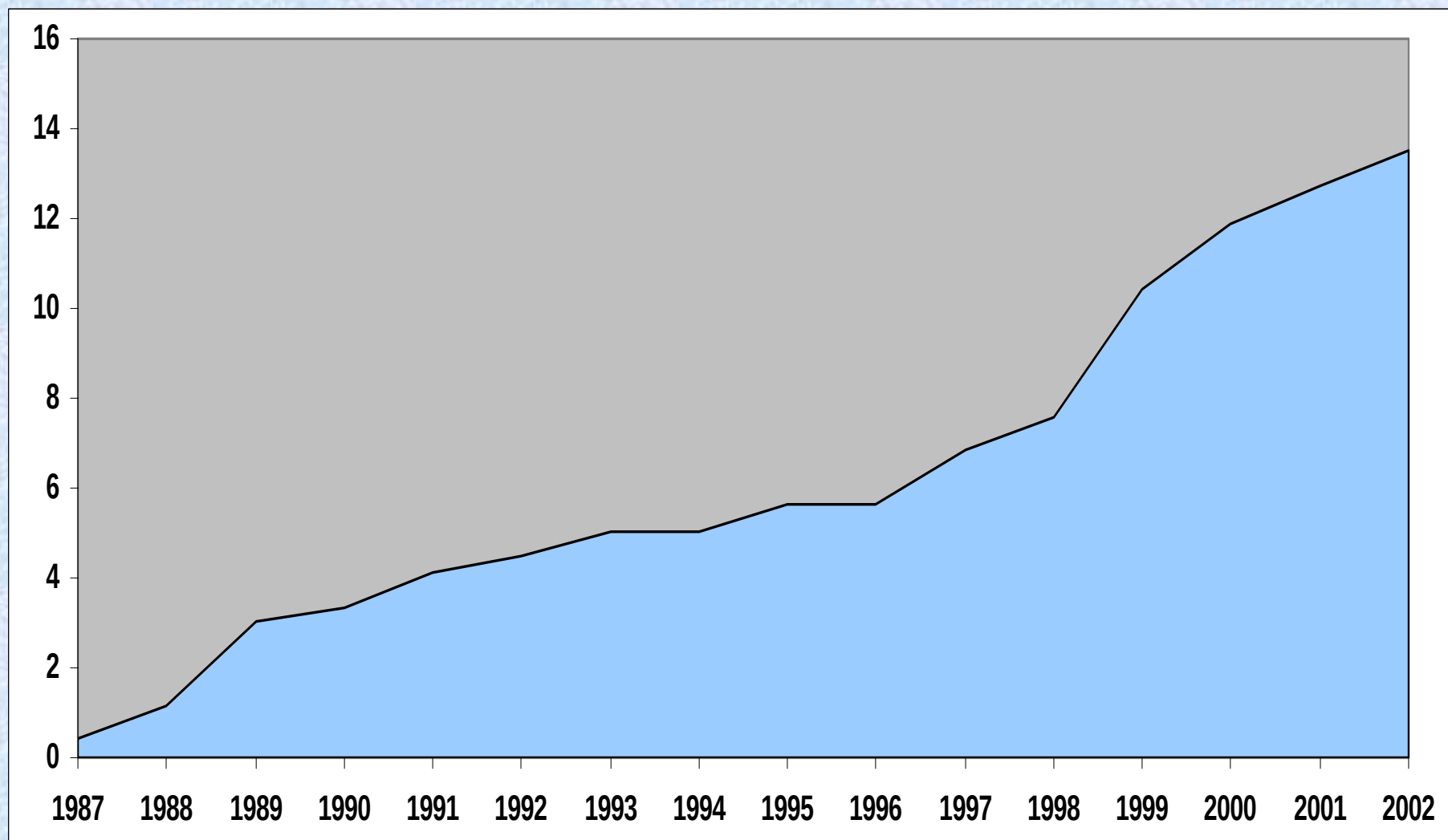


 **Turkey: 93 BSCM in total from 1987**

 **Greece: 7 BSCM in total from 1996**

 **Macedonia: 0.3 BSCM in total from 1998**

Gas Transit (1987 – 2002) (BSCMY)



Transit in 2002



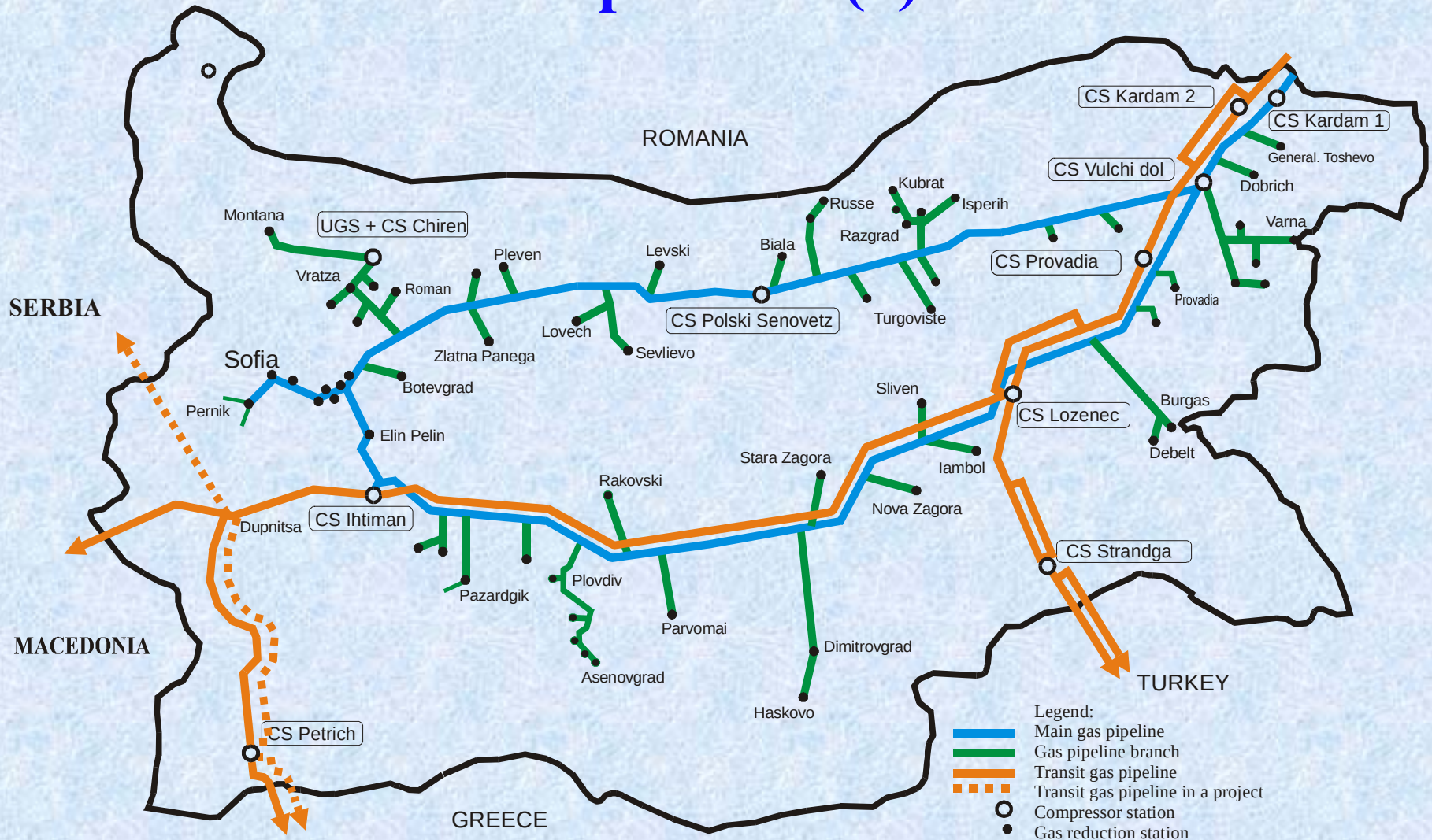
	BSCMY	% of total
Turkey	11.8	87
Greece	1.6	12
Macedonia	0.09	1
Total:	13.5	100

Gas Infrastructure Development



Perspectives (1)

- **Gas pipeline to Serbia**
- **Expansion of the transit pipeline capacity to Greece**



Gas Infrastructure Development Perspectives (3)



Greece	Up to 4 – 4.5 BSCMY	By 2010
	Up to 6 BSCMY	By 2016
Macedonia	Up to 0.4 BSCMY	By 2007
	Up to 0.5 BSCMY	By 2016
Serbia	Up to 0.5 BSCMY	By 2007
	Up to 1.5 BSCMY	By 2016

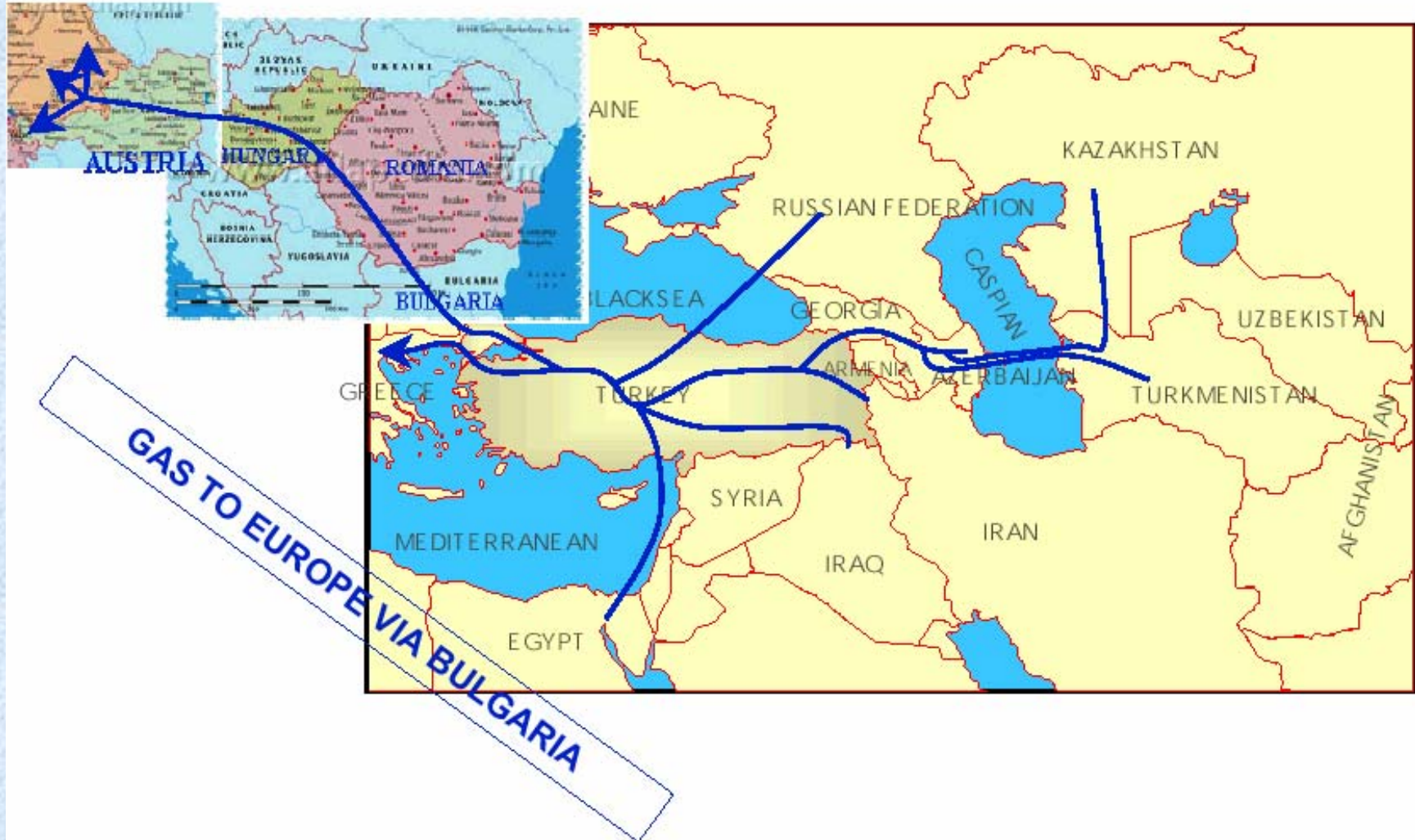
New Transit Routs



Nabucco Project:

**Main gas pipeline from Caspian
region/Iran to Central and
Western Europe**

GAS TO EUROPE



Nabucco Project

Preliminary Assessments



- **Length:** 4000 km (2500 mi)
- **Diameter:** 1200–1400 mm (48 – 56 in)
- **Capacity:** 20-25 BSCMY
 - including:*
 - for the transit countries: 6–8 BSCMY
 - for Central and Western Europe: 14–17 BSCMY
- **Investments:** 4.5 – 5 billion Euro

Nabucco Project

Time Schedule



- **Pre-investment study: 2003 – 2004**
- **Detailed design and financial arrangements : 2005 – 2007**
- **Construction start and completion: 2008 – 2012**



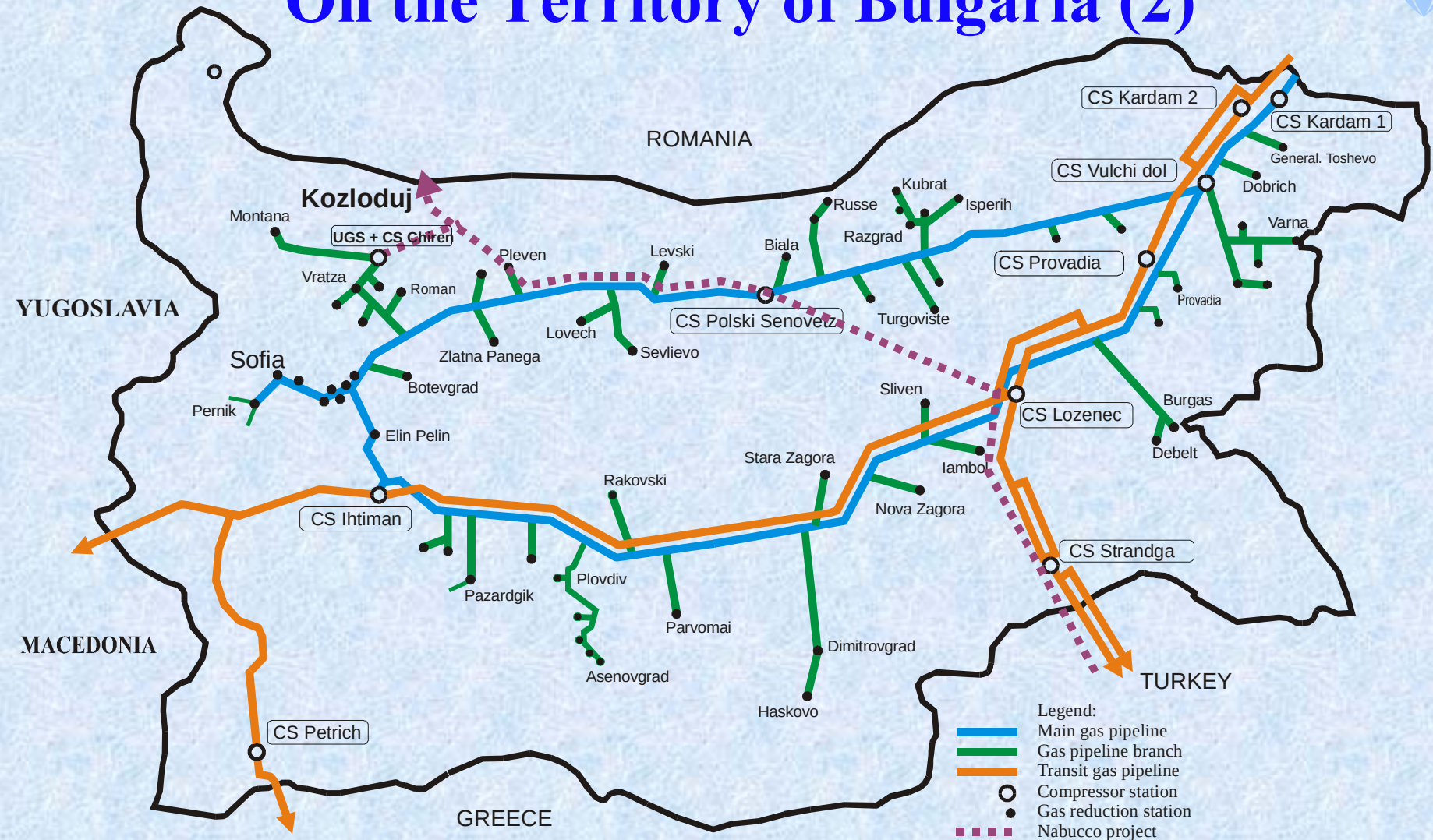
Nabucco Project

On the Territory of Bulgaria (1)

- **Lenght:** **400 km (250 mi)**
- **Compressor stations:** **2**
- **Investments:** **400 – 450 million Euro**

Nabucco Project

On the Territory of Bulgaria (2)



Strategic Tasks of Bulgargaz



- **Local gas market development/expansion**
- **Transit expansion and achievement of a diversification of gas supply**
- **Resigning a contract for the gas transit via Romania**
- **Preparations for a privatization of Bulgargaz**



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Thank you