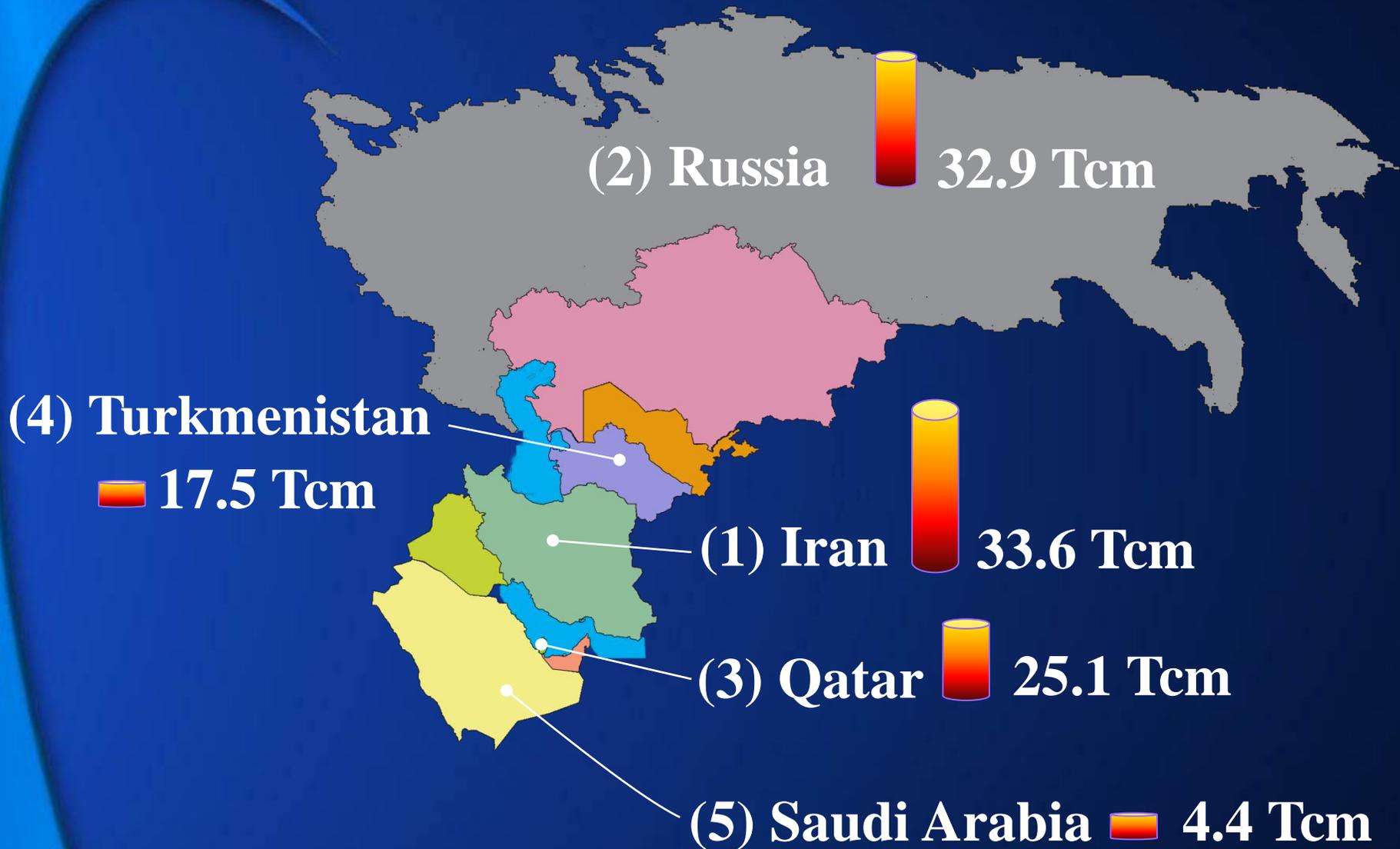




Iran Natural Gas Outlook

September
2013

Top five natural gas proved reserves holders



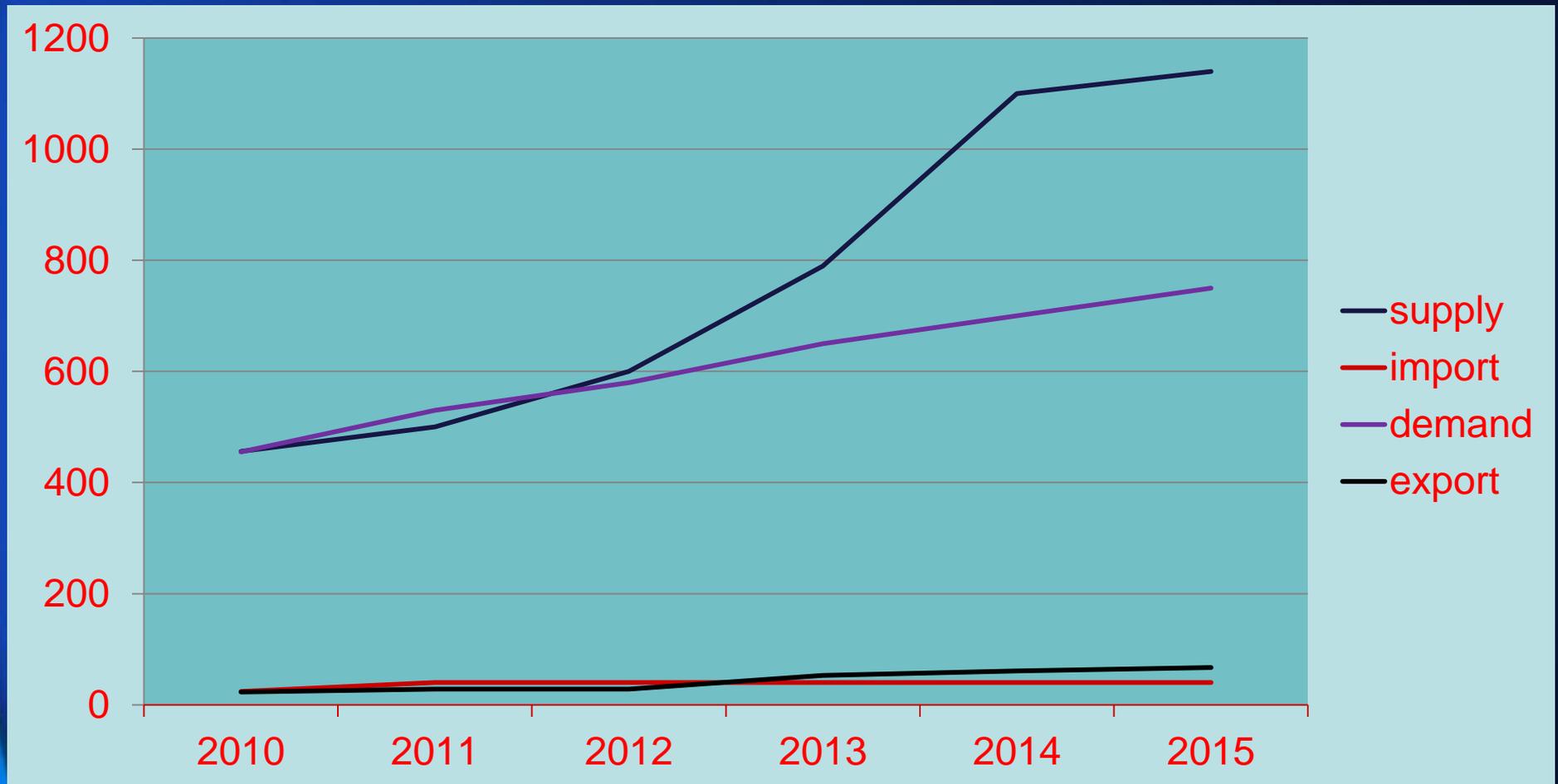
Source: BP statistical review at end of 2012

Iran's ten biggest Non-Associated Gas Fields

Field's Name	Gas In Place (Tcf)	Recoverable Reserve (Tcf)
South Pars	500	360
North Pars	60	47
Kish	60	45
Golshan	55	25 - 45
Tabnak	NA	21.2
Kangan	NA	20.1
Khangiran	NA	16.9
Nar	NA	13
Aghar	NA	11.6
Farsi (B-Structure)	NA	11 - 22
Total		570.8 – 601.8

Source: Iran Energy Balance Sheet -Published by; Iran's Energy Ministry

Supply/Demand, 2011-2015



Iran in 2012 at a glance

- **High pressure Gas Transmission pipelines** **35000 Km**
- **Gas Distribution Networks** **220000 Km**
- **No. of Natural Gas Consuming Cities** **950**
- **No. of Natural Gas Consuming Rural Areas** **12500**
- **Natural Gas Consuming Population** **80%**
- **Share of Natural Gas in fossil fuels Basket** **68%**
- **Export** **9.5 BCM (2012)**
- **Import** **4.8 BCM (2012)**

Gas Export & Import contracts

Project Name		Capacity (BCM/y)	Project status	start date
Export	Turkey	7-10	In operation	2001
	Azerbaijan	0.3 - 0.7	In operation	2005
	Armenia	1.1 – 2.3	In operation	2007
Import	Turkmenistan (first phase)	8	In operation	1997
	Turkmenistan (second phase)	Up to 14	In operation	2007

Underground gas storage projects

Reserve Name	Capacity (BCM/y)	Injection period (Month/y)	Withdraw period (Month/y)	Max. withdraw rate (MMCM/D)
Serajeh	3.3	8	4	*9.8
Yoortsha	0.19	6-7	3	5
Shoorijeh	4.8	8	4	*20

**The statistics presented is just for First phase*

LNG projects

Project Name	Capacity (mt/y)	Project progress status	Commencement date
PARS LNG	10	Final investment decision	2018
PERSIAN LNG	16.2	Establishing company	2018
IRAN LNG	10.7	EPC activities	2014
NORTH PARS	20	PDA contract assessment	2018
Golshan & Ferdowsi	9	Under negotiation for PDA & GSPA	2018
Gazestan	1	Under negotiation	2015
TOTAL	66.9		

Finalized export contracts

Project Name	Capacity (BCM/y)	Project status	start date
Pakistan	7.8	Iran Section done	2014
Iraq	5.5	Iran Section done	2014

Under negotiation export contracts

Project Name	Capacity (BCM/y)	Project status	start date
India	10.9	negotiation.	2013 - 2014
Oman	10.2	Term sheet is signed.	2013
Bahrain	10.2	Finalized MOU & draft of term sheet	2013
Kuwait	3.1	Negotiation on term sheet	3 yrs after contract
Turkey (Unit)	0.5 - 3	HOA is signed.	-
Germany (E.on)	Up to 5	MOU is signed.	2015
UAE	0.54	Term sheet is signed.	1 yr after GSPA
	2.9	MOU is signed.	-

Thank You

For Your Kind Attention

