World Gas Industry Review

2001 and Outlook

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World Gas Industry Review, Cont'd

Global Energy Demand Growth

- Global Demand Growth for Energy, 2001: 0.3%
- World Economic Growth:

  2001: 1.5%

  1991-2001: 2.7%
- World Oil Consumption Growth, 2001: 0
- Natural Gas Consumption and Growth, 2001

  Growth: 0.8%

  Consumption: 2540 BCM

World Gas Industry Review, Cont'd

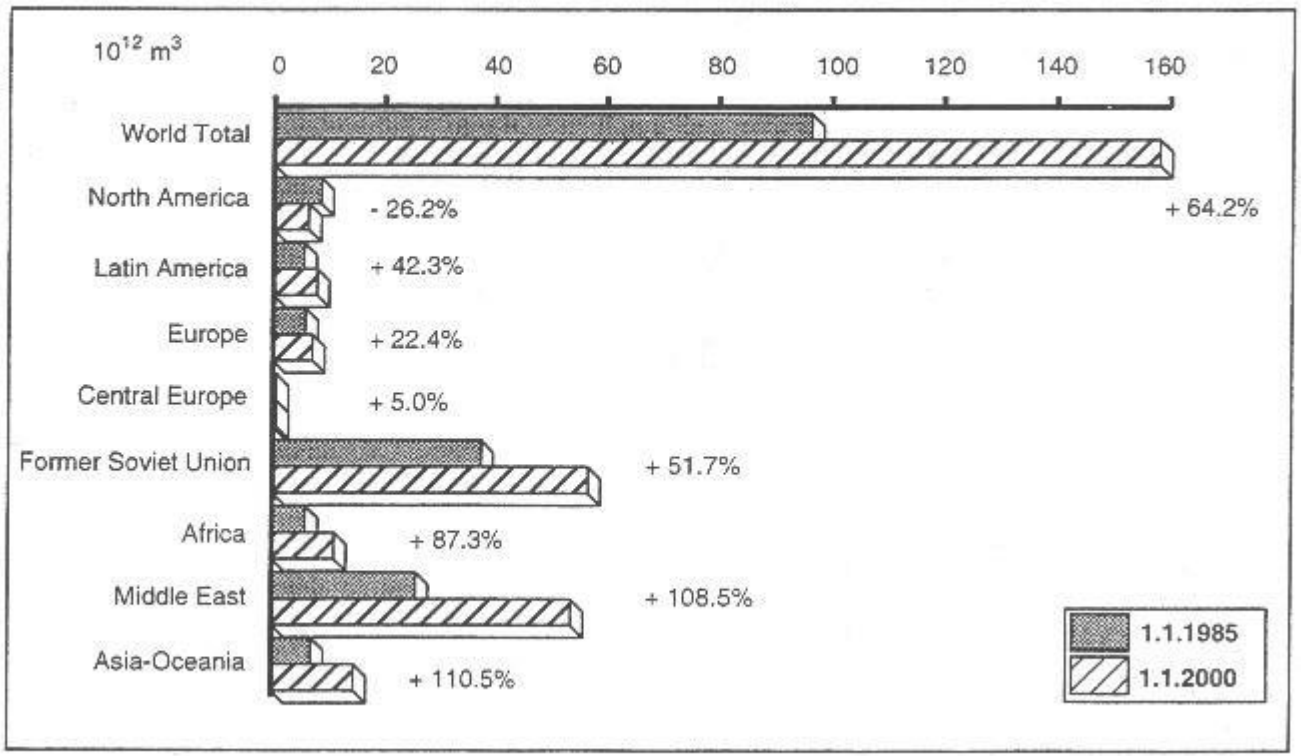
World Primary Energy Supply
Fuel Share

Oil :	35%
Coal:	24%
Natural Gas:	21%
Nuclear:	7%
Hydro:	2%
Other:	11%

World Gas Industry Review, Cont'd

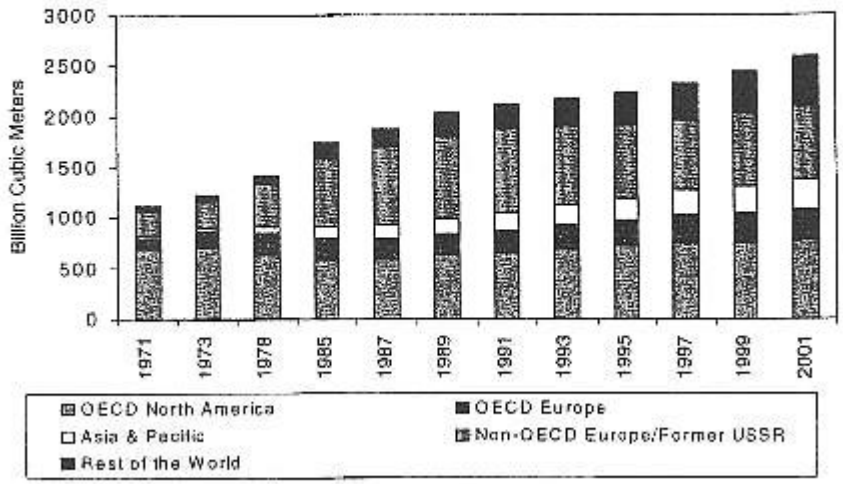
Estimate of Gas Flare and Vented In Selected Countries, 1999			
	Flare and Vented BCM	**% of Production**	**% of World**
Nigeria	18.85	61	18
Iran	10.5	11	10
USA	7.16	1	7
Azerbaijan	7.1	53	7
Algeria	6.65	4	7
Mexico	5.88	12	6
Indonesia	5.05	9	5
Other	38.98	1	40
Total World	100.17	3	100

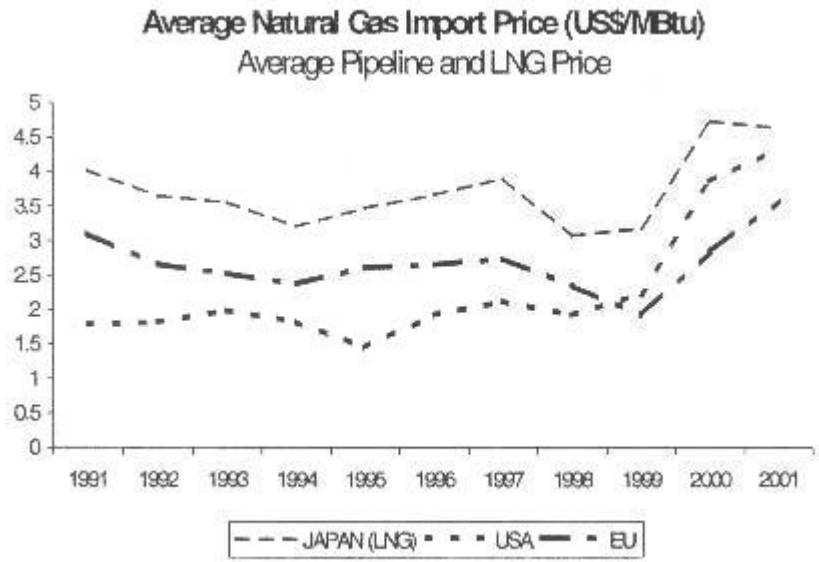
Evolution of proved gas reserves by major geographic zone
1.1.1985 - 1.1.2000



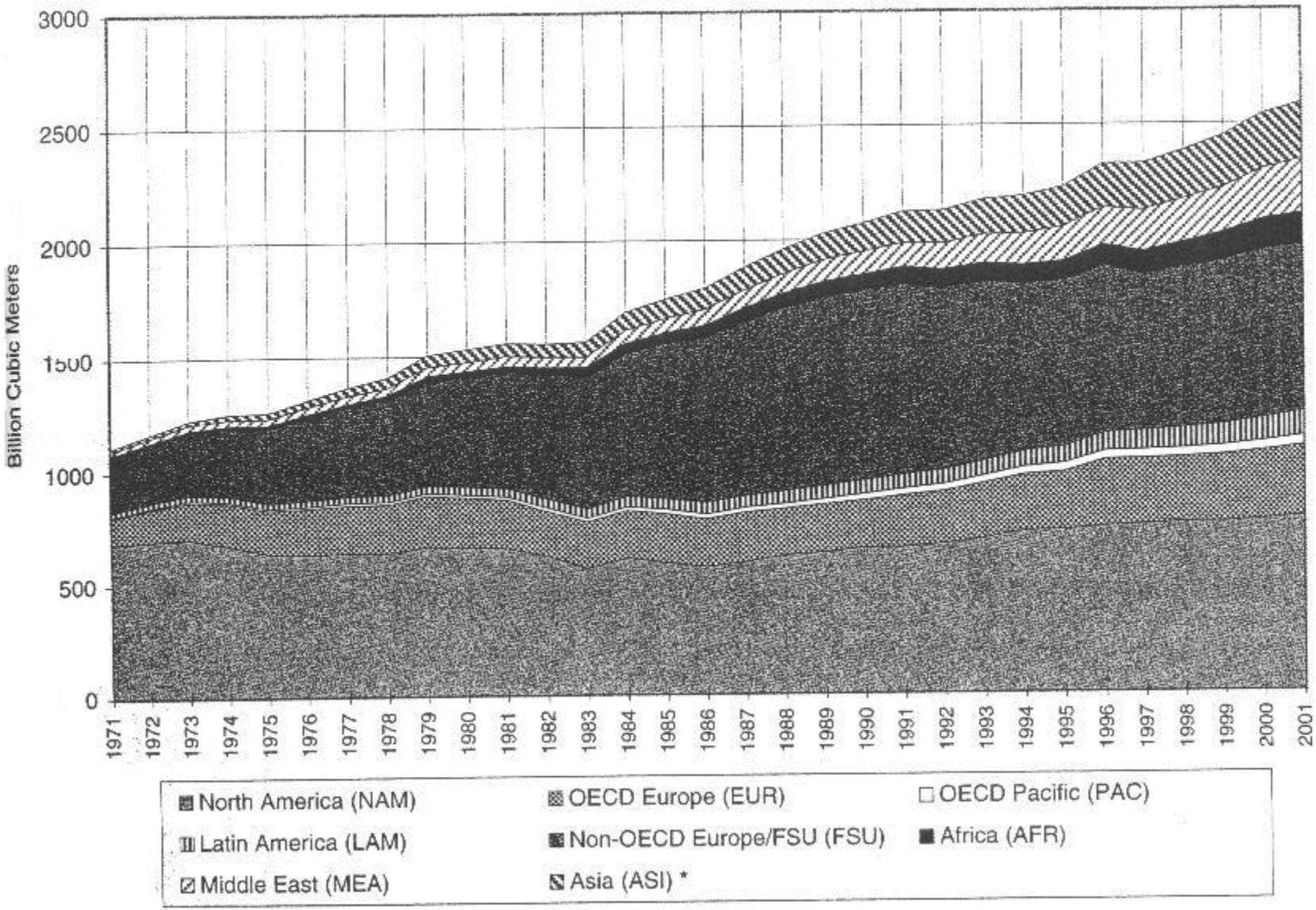
CEDIGAZ NATURAL GAS IN THE WORLD - 2000 SURVEY

World Natural Gas Production by Region

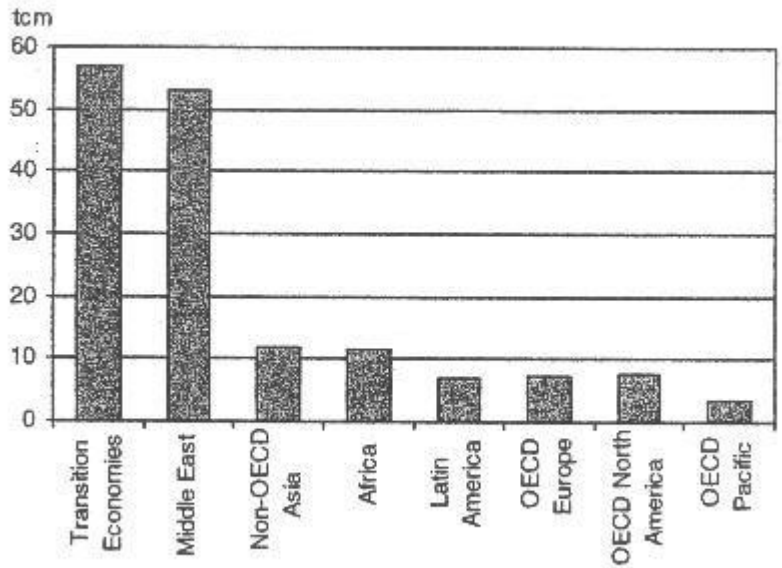



Average Natural Gas Import Price (US$/MBtu)
Average Pipeline and LNG Price
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
JAPAN (LNG)
USA
EU

World Natural Gas Production by Region



Natural Gas Reserves by Region
(at 1 January 2000)



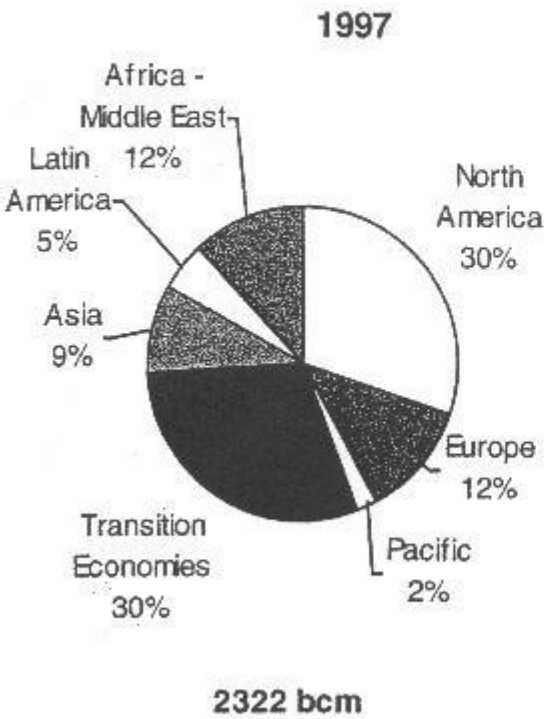
Source: Cedigaz, 2000

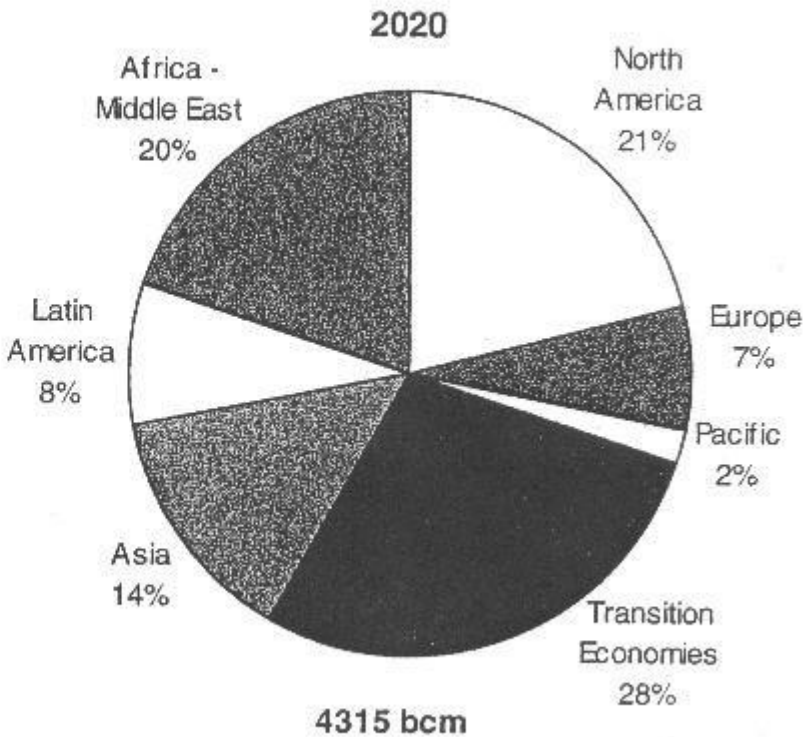
Gas Import Dependence (per cent)

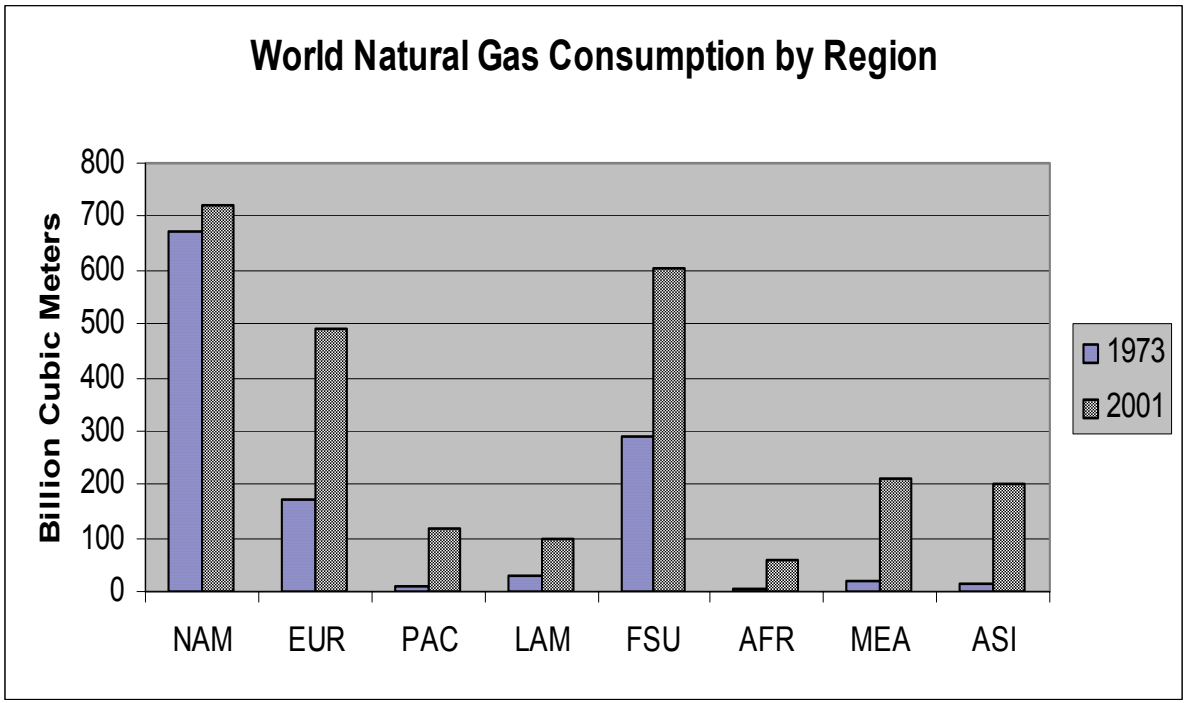
	1997	2020
OECD	**15**	**32**
North America	0	6
Europe	31	62
Pacific	59	38
Non-OECD	**-16**	**-25**
Transition Economies	-17	-36
Asia	-18	10
Latin America	6	4
Africa & Middle East	-28	-74

Note: Negative figures indicate net exports

Gas Production by Region






World Natural Gas Consumption by Region
Billion Cubic Meters
800
700
600
500
400
300
200
100
0
NAM
EUR
PAC
LAM
FSU
AFR
MEA
ASI
1973
2001