

Annex

Performance figures and indicators

Key operating figures

	2015	2016	2017
Natural gas transportation			
Gas injected into the network (10 ⁹ m ³)	67.25	70.63	74.59
Gas pipeline network (km)	32,534	32,508	32,584
Average travel distance of gas in Italian transportation network (km)	419	582	551
Gas compression stations (no.)	11	11	11
Installed power in the gas compression stations (MW)	877	922	922
Liquefied natural gas regasification			
Liquefied natural gas injected in the network (10 ⁹ m ³)	0.03	0.21	0.62
Number of LNG tanker loads	1	5	15
Natural gas storage			
Gas injected in storage (10 ⁹ m ³)	9.84	9.97	9.80
Gas delivered from storage (10 ⁹ m ³)	9.74	10.03	10.12
Operating concessions (no.)	9	9	9

Key financial figures (*)

	2015	2016	2017
Economic and financial data			
Total revenue (€ mln)	2,627	2,560	2,533
Adjusted EBIT (€ mln)	1,481	1,336	1,363
Adjusted net profit (€ mln)	910	845	940
Reported Group net profit (€ mln)	1,238	861	897
Technical investments (€ mln)	879	906	1,304
Net invested capital at 31 December (€ mln)	21,365	17,553	17,738
Shareholders' equity at 31 December (€ mln)	7,585	6,497	6,188
Net financial debt at 31 December (€ mln)	13,779	11,056	11,550
Free Cash Flow (€ mln)	771	1,707	423
Added value produced (€ mln)	2,429	2,518	2,447
Added value distributed (€ mln)	1,831	1,913	1,621

Follows **Key financial figures (*)**

	2015	2016	2017
Snam's stock			
Number of shares in share capital (mln)	3,500.6	3,500.6	3,500.6
Number of shares outstanding on 31 December (mln)	3,499.5	3,470.7	3,414.5
Average number of shares outstanding during the year (mln)	3,499.5	3,496.8	3,422.4
Year-end official share price (€)	4,002	3,923	4,086
Average official share price during the period (€)	3,721	4,101	4,043
Market capitalisation (€ mln)	16,973	13,612	13,953
Dividends paid in the period (€ mln)	875	875	718

(*) For comments to the economic and financial results see the annual financial report

Key employees figures and indicators

	2015	2016	2017
Total employees (no.)	3,005	2,883	2,919
Average headcount (no.)	2,984	3,026	2,927
Average age of employees (years)	46.6	46.1	45.7
Average length of service (years)	21.7	21.1	21.0
Employees by business segment			
Corporate (no.)	715	785	824
Transportation (no.)	1,918	1,726	1,972
Storage (no.)	299	301	60
Regasification (no.)	73	71	63
Employees by grade			
Executives (no.)	99	87	93
Middle Managers (no.)	449	421	456
Administrative staff (no.)	1,736	1,651	1,655
Blue-collar workers (no.)	721	724	715
Employees by type of contract			
Permanent contract (no.)	2,779	2,631	2,755
Apprenticeship or internship contract (no.)	171	206	150
Fixed-term contract (no.)	1	1	14
Part-time contract (n)	54	45	42
Employees by geographical area			
North (no.)	2,242	2,169	2,204
Central (no.)	216	204	202
South and Sicily (no.)	544	506	509
Abroad (no.)	3	4	4

Follows **Key Employee figures and indicators**

	2015	2016	2017
Employees by gender			
Men (no.)	2,578	2,514	2,526
Women (no.)	427	369	393
Remuneration differential - women/men (executive grade)	0.93	1.02	1.03
Remuneration differential - women/men (middle manager grade)	0.96	0.96	0.96
Remuneration differential - women/men (administrative staff grade)	0.88	0.89	0.89
Entries and Departures			
Hired from the market (no.)	162	141	148
of which university graduates (no.)	75	73	100
of which high school graduates (no.)	86	66	48
of which women (no.)	32	35	53
of which men (no.)	130	106	95
Other new employees (non-consolidated companies, acquisitions, etc.) (no.)	4	36	36
Percentage of university graduates hired (%)	46	52	67
Departures in the year (no.)	68	53	69
Turnover (no.)	7.7	6.4	7.4
Absenteeism rate (no.)	4.4	4.7	4.7
Training			
Training hours (no.)	87,620	82,184	85,346
Participants (no.)	10,203	10,396	8,604
Average hours of training per employee (no.)	29.2	28.5	29.2
Executive training hours (no.)	2,744	2,940	1,908
Middle Manager training hours (no.)	11,143	10,021	8,600
Administrative staff training hours (no.)	41,763	31,072	39,316
Blue-collar worker training hours (no.)	31,970	38,151	35,522
Average training hours delivered to men (no.)	30.9	30.2	31.3
Average training hours delivered to women (no.)	18.4	17.0	15.8
Average training hours delivered to executives (no.)	27.7	33.8	20.5
Average training hours delivered to middle managers (no.)	24.8	23.8	18.9
Average training hours delivered to administrative staff (no.)	24.1	18.8	23.8
Average training hours delivered to blue-collar workers (no.)	44.3	52.7	49.7
Training hours for health, safety and environment (no.)	24,305	19,288	9,641
Participation for health, safety and environment (no.)	4,117	3,484	1,695

33 people were employed on staff leasing contracts in 2017 (36 in 2016 and 23 in 2015).

Main HSE data and indicators - Business activities

	2015	2016	2017
Health and Safety			
Employee accidents (no.)	3	4	6
Employee accident frequency index	0.62	0.81	1.24
Employee accident severity index	1.55	0.04	0.05
Contractor accidents (no.)	8	5	5
Contractor accident frequency index	1.07	0.71	0.54
Contractor accident severity index	0.07	0.05	0.83
Employee and contractor accident frequency index	0.89	0.75	0.78
Employee and contractor severity index	0.66	0.05	0.56
Energy			
Total energy consumption (TJ)	9,087.3	10,957.4	12,582.3
of which natural gas (TJ)	8,688.6	10,541.7	12,153.2
of which diesel (TJ)	83.7	84.4	77.9
of which gasoline (TJ)	1.9	2.2	2.3
of which LPG (TJ)	0.5	0.4	0.4
of which heat (TJ)	13.7	14.5	10.8
of which electricity (TJ)	298.9	314.2	337.7
Emissions			
Natural gas emissions (10 ⁶ m ³)	49.7	48.2	46.8
GHG scope 1-2-3 Emissions (10 ³ t CO _{2eq})	1,702	1,802	1,749
GHG scope 1 Emissions (10 ³ t CO _{2eq})	1,373	1,439	1,500
GHG scope 2 Emissions (10 ³ t CO _{2eq}) - Location based	28	29	32
GHG scope 3 Emissions (10 ³ t CO _{2eq})	301	334	217
NO _x emissions (t)	400	434	532
CO emissions (t)	257	281	329
CO ₂ emissions/energy used (kg/GJ)	54.3	55.0	54.9
NO _x emissions/energy used (kg/GJ)	0.044	0.040	0.042
Waste			
Total waste production (t)	29,649	52,513	54,413
Non-hazardous waste production (t)	26,567	48,954	50,604
Hazardous waste production (t)	3,082	3,558	3,809
Waste recovered from production operations (%)	54	77	80
Water extraction and discharge			
Freshwater extractions (10 ³ m ³)	182	177	170
Fresh water discharges (10 ³ m ³)	132	139	112
Seawater extractions (10 ³ m ³)	4,000	4,000	4,000
Seawater discharges (10 ³ m ³)	4,000	4,000	4,000
HSE management			
Environmental expenses (€mln)	154.8	139.8	120.6
Safety and health expenses (€mln)	37.5	47.9	34.7
Medical visits (no.)	1,270	1,561	1,914
Periodic medical visits (no.)	991	1,337	1,688
Diagnostic examinations (no.)	1,828	2,252	3,508
Total HSEQ audits conducted (no.)	203	212	163
Environmental surveys (no.)	203	172	279

Main HSE Data and Indicators – Business Segments

	2015	2016	2017
Natural gas transportation			
Health and safety			
Employee accidents (no.)	3	1	2
Contractor accidents (no.)	7	4	4
Employee frequency index	0.97	0.32	0.66
Employee severity index	2.48	0.004	0.03
Contractor frequency index	1.13	0.65	0.47
Contractor severity index	0.05	0.05	0.90
Energy and the Environment			
Energy consumption (TJ)	4,278	5,824	7,459
GHG scope 1 Emissions (10^3 t CO _{2eq})	884	922	1,008
Natural gas emissions (10^6 m ³)	37	34.6	34.4
Natural gas recovered (10^6 m ³)	3.6	4.5	4.1
NO _x emissions (t)	225	228	342
Energy consumption/compressed energy (%)	0.23	0.25	0.25
CO ₂ emissions/compressed gas (kg/ 10^6 m ³)	5,805	6,023	5,767
Natural gas emissions/km of network (m ³ /km)	1,138	1,066	1,057
NO _x emissions/compressed gas (kg/ 10^6 m ³)	5.7	4.4	4.8
Average emissions of NOx per turbine/installed capacity ([mg/Nm ³]/MW)	4.6	4.4	4.4
DLE turbine operating hours/Total turbine operating hours (%)	88	94	93
Liquefied natural gas regasification			
Health and safety			
Employee accidents (no.)	0	1	1
Contractor accidents (no.)	0	0	0
Employee frequency index	0	8.65	9.31
Employee severity index	0	0.66	0.17
Contractor frequency index	0	0	0
Contractor severity index	0	0	0
Energy and the Environment			
Energy consumption (TJ)	52	128	325
GHG scope 1 Emissions (10^3 t CO _{2eq})	39	54	44
Natural gas emissions (10^6 m ³)	2.0	2.9	1.7
NO _x emissions (t)	1.1	5.5	14.8
Natural gas storage			
Health and safety			
Employee accidents (no.)	0	1	2
Contractor accidents (no.)	1	1	0
Employee frequency index	0	2.00	6.71
Employee severity index	0	0.11	0.43
Contractor frequency index	0.89	1.27	0
Contractor severity index	0.18	0.07	0

Follows Main HSE Data and Indicators – Business Segments

	2015	2016	2017
Energy and the Environment			
Energy consumption (TJ)	4,740	4,985	4,787
GHG scope 1 Emissions (10^3 t CO _{2eq})	450	462	448
Natural gas emissions (10^6 m ³)	10.7	10.7	10.7
NO _x emissions (t)	175	201	175
Emissions of natural gas for storage/gas stored (%)	0.051	0.047	0.048
NO _x emissions/stored gas (kg/ 10^6 m ³)	17.8	20.1	17.9
Average emissions of NOx per turbine/installed capacity ([mg/Nm ³]/MW)	5.6	5.4	5.2

