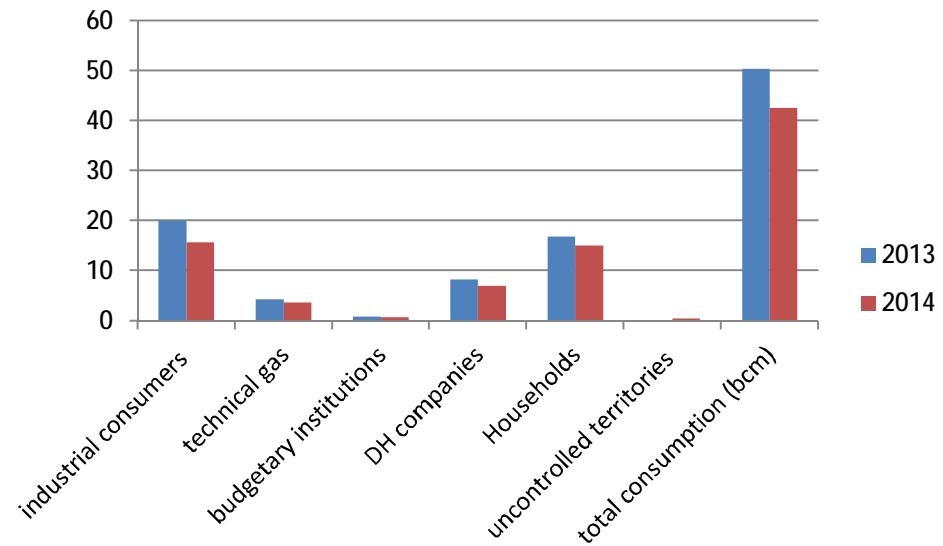
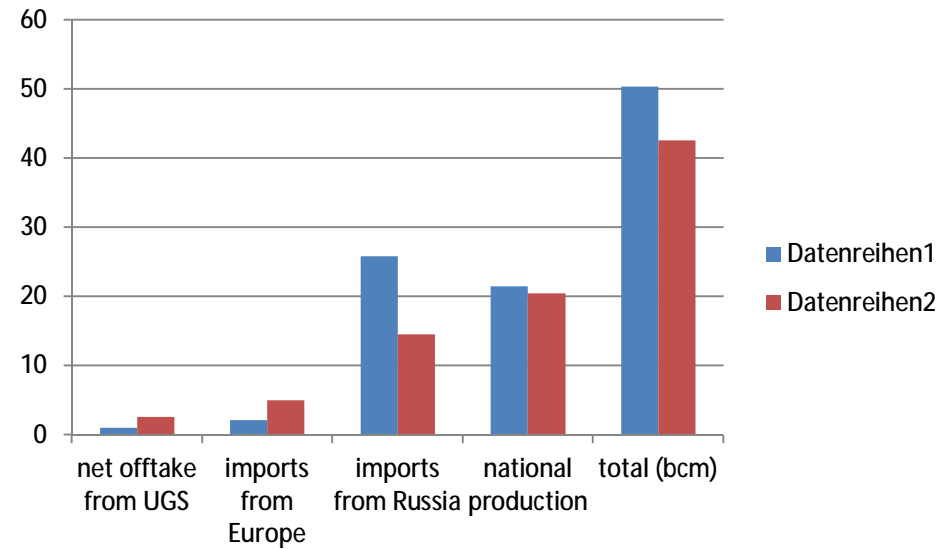


Ukraine – gas supply diversification and consumption

| Gas consumption in Ukr | Source- Naftogaz | |
|--------------------------|---------------------|------|
| | 2013 | 2014 |
| industrial consumers | 20,1 | 15,7 |
| technical gas | 4,3 | 3,7 |
| budgetary institutions | 0,9 | 0,7 |
| DH companies | 8,3 | 7 |
| households | 16,8 | 15,1 |
| uncontrolled territories | 0 | 0,4 |
| total consumption (bcm) | 50,4 | 42,6 |

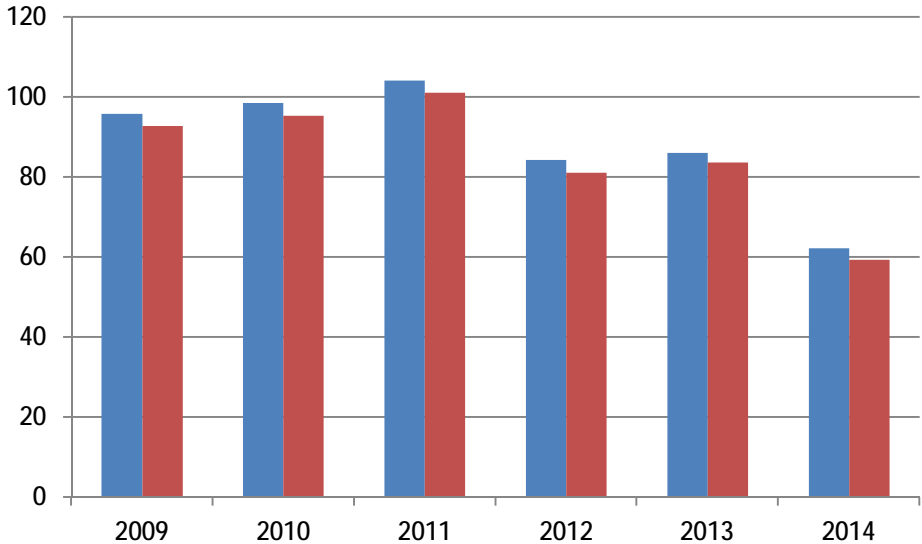


| Gas by sources | 2013 | | 2014 | |
|----------------------|------|------|------|------|
| | 2013 | 2014 | 2013 | 2014 |
| net offtake from UGS | 1 | 2,6 | 1 | 2,6 |
| imports from Europe | 2,1 | 5 | 2,1 | 5 |
| imports from Russia | 25,8 | 14,5 | 25,8 | 14,5 |
| national production | 21,5 | 20,5 | 21,5 | 20,5 |
| total (bcm) | 50,4 | 42,6 | 50,4 | 42,6 |



Transit via Ukraine

| | total (incl CIS) | Europe, Turkey (bcm) |
|------|------------------|----------------------|
| 2009 | 95,8 | 92,8 |
| 2010 | 98,6 | 95,4 |
| 2011 | 104,2 | 101,1 |
| 2012 | 84,3 | 81,2 |
| 2013 | 86,1 | 83,7 |
| 2014 | 62,2 | 59,4 |



Gas crisis Jan 2009

Nord Stream – start of operation in Nov 2011

Gas crisis 2014