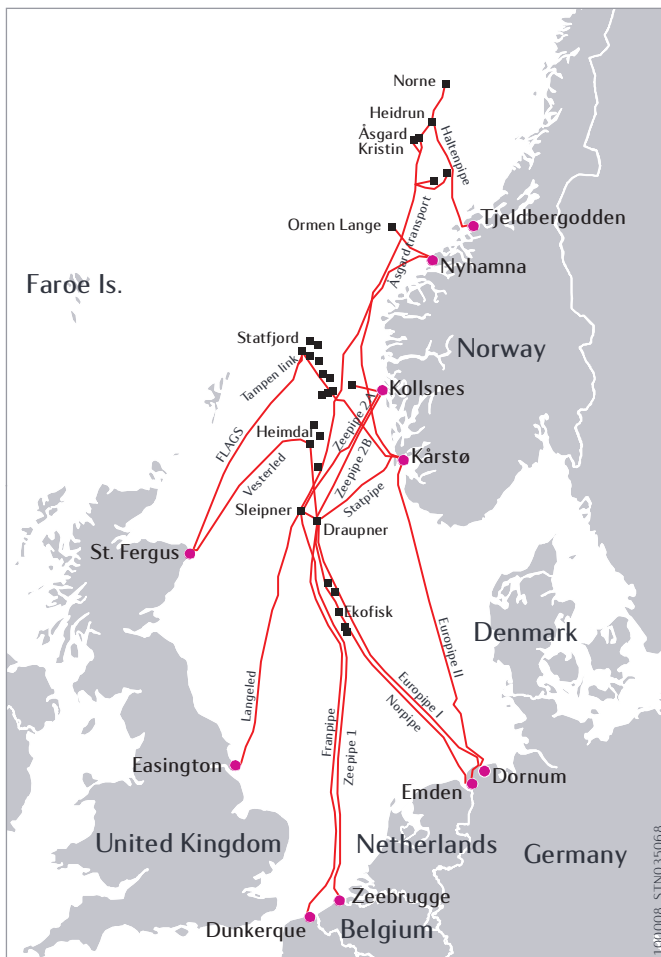


## 4.1.1 Norway's gas transport system

The Norwegian gas pipeline system has been developed over the last 30 years to become an integrated system connecting gas producing fields to receiving terminals in Europe via processing plants on the Norwegian mainland.



Norway's gas pipelines currently total 7800 kilometres. Since 2003, all gas pipelines with third party customers have been unitised into a single joint venture, Gassled, with regulated third party access. The Gassled system is operated by the independent system operator, Gassco AS, a company wholly owned by the Norwegian State. In 2009, the Gassled system transported 96.6 bcm (3.4 tcf) of gas to Europe.

In 2009, the Gassled system was again expanded through the merger of the Kvitebjørn gas pipeline, Norne Gas Transportation System and Etanor ethane fractionation system at Kårstø. When new gas infrastructure facilities are merged into Gassled, the ownership shares are adjusted in relation to the relative value of the assets and each owner's relative interest.

From 1 January 2011, the Gassled ownership interests will be adjusted. Petoro's interests will increase by approximately 8% and all other parties will reduce their interests proportionally. Similar adjustments will be made to the ownership interest in Zeepipe Terminal JV and Dunkerque Terminal DA. In addition, Statoil's future ownership interest in Gassled may change as a result of the inclusion of new infrastructure.

Statoil is technical service provider (TSP) for Gassco with respect to the Kårstø and Kollsnes processing terminals as well as for most of the pipeline infrastructure system.

As an integrated pipeline network with high flexibility and regularity, we believe that the Norwegian gas pipeline system is an essential facility that ensures reliable supplies of natural gas to Europe.

The tables below present facts about the NCS gas pipelines, including transportation routes and daily capacities, and our ownership in Gassled and other terminals.

| Gas pipelines not included in Gassled | Start-up date | Product  | Start point                 | End point                   | Transport capacity <sup>(1)</sup><br>mmcm/day | Statoil share in %              |
|---------------------------------------|---------------|----------|-----------------------------|-----------------------------|---|---------------------------------|
| Zeepipe                               |               |          |                             |                             |   |                                 |
| Zeepipe 1                             | 1993          | Dry gas  | Sleipner riser platform     | Zeebrugge                   | 40.9  | See Ownership structure Gassled |
| Zeepipe 2A                            | 1996          | Dry gas  | Kollsnes                    | Sleipner riser platform     | 72.0  |                                 |
| Zeepipe 2B                            | 1997          | Dry gas  | Kollsnes                    | Draupner E                  | 71.0  |                                 |
| Europipe 1                            | 1995          | Dry gas  | Draupner E                  | Dornum/Emden                | 44.5  |                                 |
| Franpipe                              | 1998          | Dry gas  | Draupner E                  | Dunkerque                   | 52.4  |                                 |
| Europipe II                           | 1999          | Dry gas  | Kårstø                      | Dornum                      | 64.6  |                                 |
| Norpipe AS                            | 1977          | Dry gas  | Norpipe Y<br>(Ekofisk Area) | Emden                       | 43.1  |                                 |
| Åsgard Transport                      | 2000          | Rich gas | Åsgard                      | Kårstø                      | 70.4  |                                 |
| Statpipe                              |               |          |                             |                             |   |                                 |
| Zone 1                                | 1985          | Rich gas | Statfjord                   | Kårstø                      | 26.8  |                                 |
| Zone 4A                               | 1985          | Dry gas  | Heimdal                     | Draupner S                  | 33.3  |                                 |
|                                       |               |          | Kårstø                      | Draupner S                  | 20.1  |                                 |
| Zone 4B                               | 1985          | Dry gas  | Draupner S                  | Norpipe Y<br>(Ekofisk Area) | 30.0  |                                 |
| Oseberg Gas Transport                 | 2000          | Dry gas  | Oseberg                     | Heimdal                     | 39.9  |                                 |
| Vesterled (Frigg transport)           | 2001          | Dry gas  | Heimdal                     | St. Fergus                  | 36.0  |                                 |
| Langed North                          | 2007          | Dry gas  | Nyhamna                     | Sleipner Riser              | Approx. 70.0                                  |                                 |
| Langed South                          | 2006          | Dry gas  | Sleipner                    | Easington                   | 68.0  |                                 |
| Tampen Link                           | 2007          | Rich gas | Statfjord                   | FLAGS                       | 26.5(2)                                       |                                 |
| Norne Gas Transportation System       | 2001          | Rich gas | Norne field                 | Åsgard Transport            | 11.0  |                                 |
| Kvitebjørn gas pipeline               | 2004          | Rich gas | Kvitebjørn                  | Kollsnes                    | 25.4  |                                 |
| Gjøa Gas Pipe <sup>3)</sup>           | 2010          | Rich gas | Gjøa Field                  | FLAGS                       | 17.0  |                                 |

<sup>(1)</sup> We use committable capacity as a measurement for transport capacity. Committable capacity is defined as the capacity available for stable deliveries.

<sup>(2)</sup> 26.5 mmcm/d is the maximal committable capacity

<sup>(3)</sup> To be included in Gassled from 1st June 2010

| Gas pipelines not included in Gassled | Start-up date | Product  | Start point   | End point                           | Transport capacity<br>mmcm/day | Statoil share in % |
|---------------------------------------|---------------|----------|---------------|-------------------------------------|--------------------------------|--------------------|
| Haltenpipe                            | 1996          | Rich gas | Heidrun field | Tjeldbergodden/<br>Åsgard Transport | 7.1                            | 19.06              |
| Heidrun gas export                    | 2001          | Rich gas | Heidrun       | Åsgard Transport                    | 10.9                           | 12.41              |

| Terminal facilities included in Gassled  | Startup date | Product     | Location                     |
|--|--------------|-------------|------------------------------|
| Zeepipe JV                               |              |             |                              |
| Europipe receiving facilities            | 1995         | Dry gas     | Dornum, Germany              |
| Europipe metering station                | 1995         | Dry gas     | Emden, Germany               |
| Norsea Gas AS                            | 1977         | Dry gas     | Gas Terminal, Emden, Germany |
| Statpipe JV (Kårstø gas treatment plant) | 1985         | Dry gas/NGL | Kårstø, Norway               |
| Easington Receiving Facilities           | 2006         | Dry gas     | Easington, UK                |
| Vesterled JV (Frigg terminal)            | 1978         | Dry gas     | St. Fergus, Scotland         |
| Kollsnes Gas Plant                       | 1996         | Dry gas/NGL | Kollsnes, Øygarden Norway    |
| Etanor DA                                | 2000         | Ethane      | Kårstø, Norway               |

| Terminals not included in Gassled    | Startup date | Product | Location           |
|--------------------------------------|--------------|---------|--------------------|
| Zeepipe terminal JV <sup>(1)</sup>   | 1993         | Dry gas | Zeebrugge, Belgium |
| Dunkerque terminal DA <sup>(2)</sup> | 1998         | Dry gas | Dunkerque, France  |

<sup>(1)</sup> Gassled owners hold 49 per cent interest in the terminal.

<sup>(2)</sup> Gassled owners hold 65 per cent interest in the terminal.

| Ownership structure Gassled                       | Period 2009-2010 | Period 2011-2028 |
|---|------------------|------------------|
| Petoro AS <sup>(1)</sup>                          | 38.46%           | 46.51%           |
| Statoil ASA                                       | 32.10%           | 28.32%           |
| ExxonMobil  | 9.43%            | 8.03%            |
| Total   | 7.78%            | 6.04%            |
| Shell   | 5.32%            | 4.92%            |
| Norsea Gas AS                                     | 2.73%            | 2.25%            |
| ConocoPhillips                                    | 2.00%            | 1.67%            |
| Eni   | 1.53%            | 1.27%            |
| Dong  | 0.66%            | 1.00%            |
| Statoil interest including 28.58% of Norse Gas AS | 32.88%           | 28.96%           |

<sup>(1)</sup> Petoro holds the participating interest on behalf of the SDFI.

| Gas pipelines included in Gassled | Start up date  |
|-----------------------------------|----------------|
| Zeepipe                           | 1993/1996/1997 |
| Europipe 1                        | 1995           |
| Franpipe                          | 1998           |
| Europipe II                       | 1999           |
| Norpipe AS                        | 1977           |
| Åsgard Transport                  | 2000           |
| Statpipe                          | 1985           |
| Oseberg Gas Transport             | 2000           |
| Vesterled (Frigg transport)       | 2001           |
| Langed North                      | 2007           |
| Langed South                      | 2006           |
| Tampen Link                       | 2007           |
| Norne Gas Transportation System   | 2001           |
| Kvitebjørn Gas Pipeline           | 2004           |
| Gjøa Gas Pipe <sup>3)</sup>       | 2010           |

| Terminal facilities included in Gassled  | Startup date | Location             |
|--|--------------|----------------------|
| Zeepipe JV                               |              |                      |
| Europipe receiving facilities            | 1995         | Dornum, Germany      |
| Europipe metering station                | 1995         | Emden, Germany       |
| Norsea Gas AS                            | 1977         | Emden, Germany       |
| Statpipe JV (Kårstø gas treatment plant) | 1985         | Kårstø, Norway       |
| Easington Receiving Facilities           | 2006         | Easington, UK        |
| Vesterled JV (Frigg terminal)            | 1978         | St. Fergus, Scotland |
| Kollsnes Gas Plant                       | 1996         | Kollsnes, Norway     |

<sup>(1)</sup> We use committable capacity as a measurement for transport capacity. Committable capacity is defined as the capacity available for stable deliveries.

<sup>(2)</sup> 26.5 mmcm/d is the maximal committable capacity

<sup>(3)</sup> To be included in Gassled from 1 July 2010.