Figure 1: Process map showing the collection of electricity administrative data
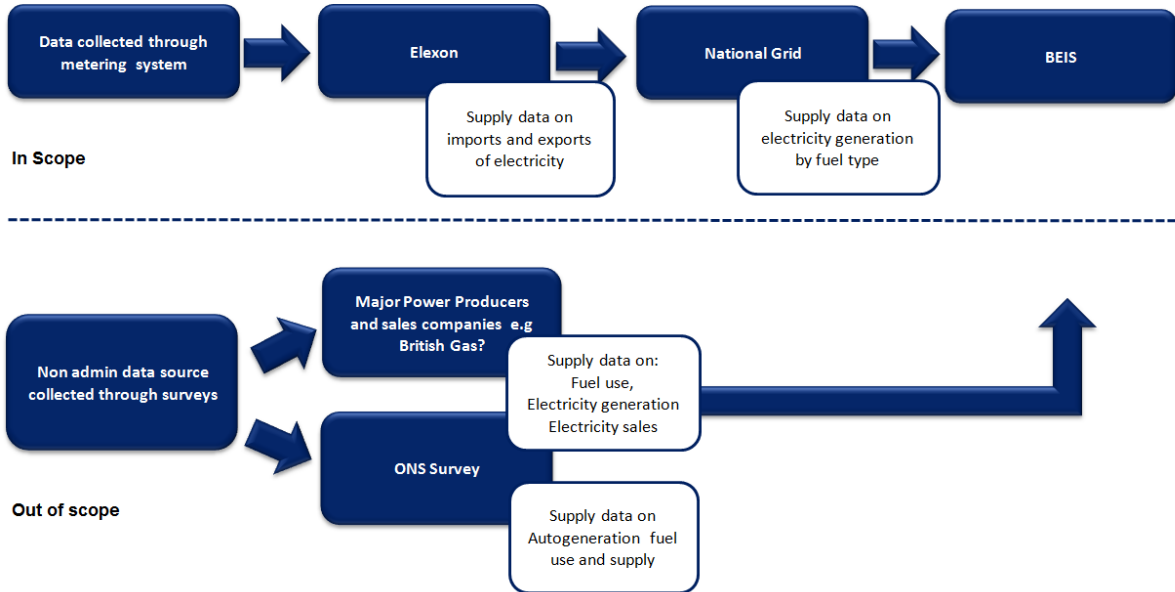

In Scope

- Data collected through metering system → Elexon → National Grid → BEIS
- Elexon: Supply data on imports and exports of electricity
- National Grid: Supply data on electricity generation by fuel type

Out of scope

- Non admin data source collected through surveys →
  - Major Power Producers and sales companies e.g British Gas?
  - ONS Survey
- Supply data on: Fuel use, Electricity generation, Electricity sales
- Supply data on Autogeneration fuel use and supply

Figure 2: Process map showing the collection of gas administrative data

- Four gas distriibution networks output data — Monthly reports
- National Grid (Transmission system) — Overall report from National Grid → BEIS
- Isle of Grain (LNG terminal) — Monthly reports sent to SNG not via National Grid
- Two electricity and gas companies in Northern Ireland extending to UK total — Monthly and Quarterly returns
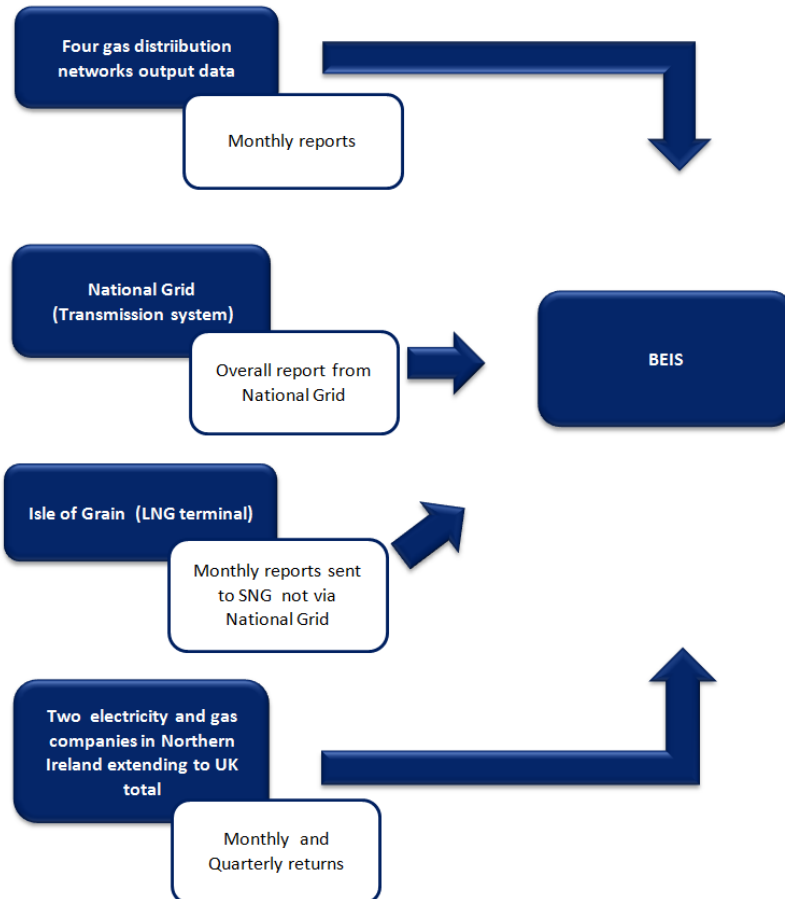
Figure 3: Process map showing the flow of communication between data suppliers and output producers

Energy suppliers e.g. British Gas → BEIS → NAES → Users

- •Written agreements
- •Agreed timetable
- •Formal meetings
- •Informal contact

- •Service level agreement
- • Regular contact
- • Detailed briefings

- •Contact details
- •Survey monkey for users feedback
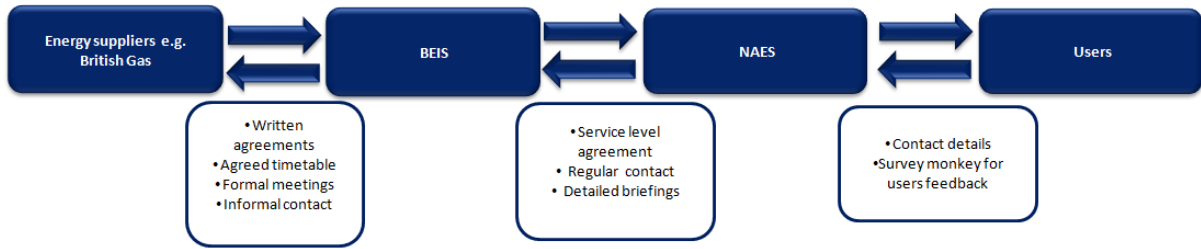
Figure 4: Process map showing the flow of communication between data suppliers and output producers

Distribution companies and Northern Ireland Companies → National Grid → BEIS → NAES → Users

- •Email communication

- •Formal meetings
- •Regular ad-hoc contact

- • Service level agreement
- •Annual formal meeting
- • Regular contact
- •Detailed briefings

- • Contact details
- •Survey monkey for users feedback
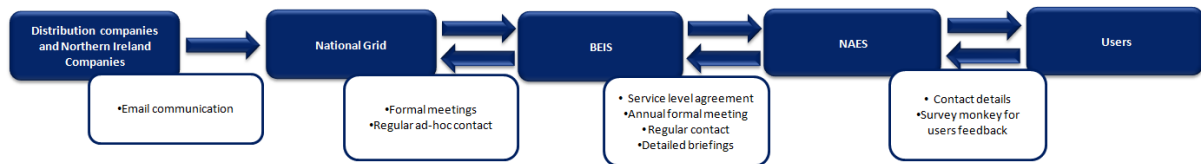
Figure 5: Process map showing the flow of Quality Assurance from supplier

Quality assurance principles electricity

Energy suppliers e.g. British Gas → BEIS → ONS

- Guidance notes for suppliers
- Automated checks
- Validation checks
- 2-way communication
- Checks previous month revisons
- Checks on growth factors import/ export data
- Compare data with other data sources
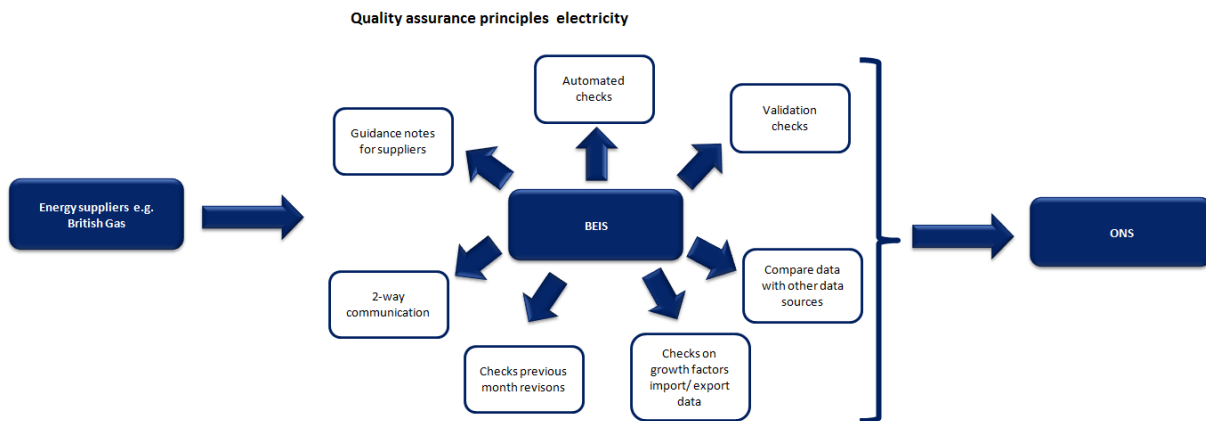
Figure 6: Process map showing the flow of Quality Assurance from supplier

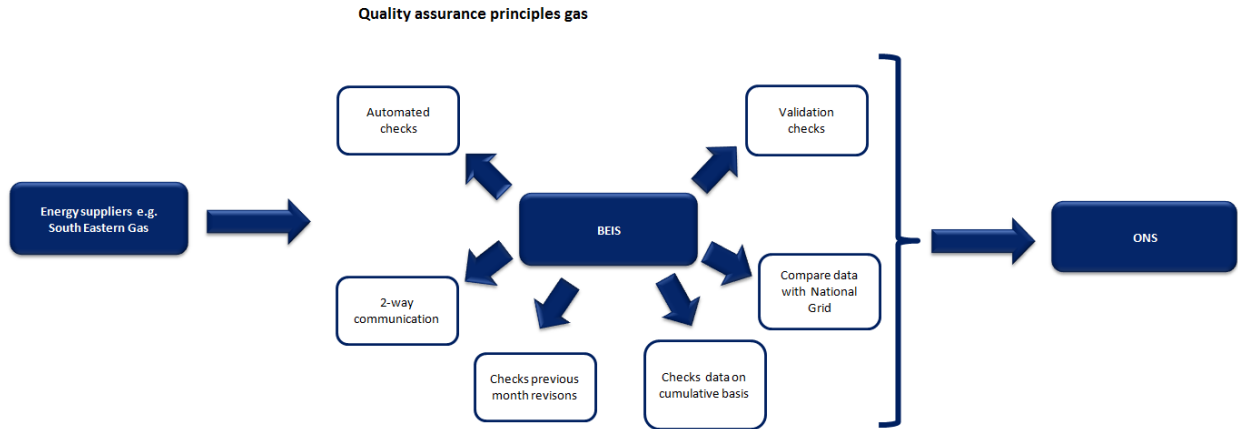**Quality assurance principles gas**

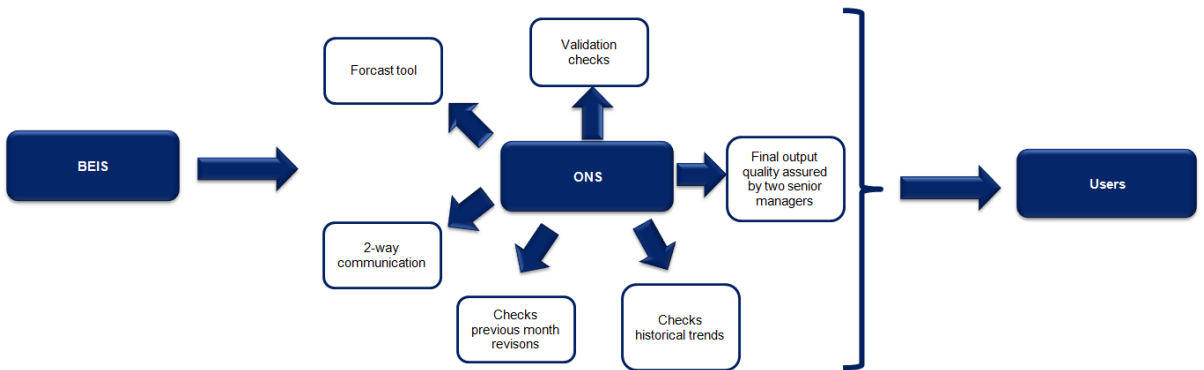Figure 7: Process map showing the flow of quality assurance by output producers

Figure 8: Flow of Electricity and Gas from suppliers to users.