FROM DATA SOURCES TO JODI: some thoughts from the UK on securing the evidence chain

Warren Evans, Energy Statistician. Wednesday 11th October 2017
How does BEIS work with industry to secure high quality data?
But there is a framework

Legal powers

Professional standards

Assurance methods
Gas supplied to homes and businesses

- Identify requirements and powers
- Identify the population
- Sample
- Develop data collection
- Develop the sample
Production of primary oils and gas
Production and supply of petroleum products

Trade Association

Secure transmission portal

Department for Business, Energy & Industrial Strategy

Audits

OFFICIAL

This series brings together all documents relating to oil statistics.

- **DUKES (annual data)**
  - Energy trends (quarterly and monthly data)
    - Energy Trends: all and oil products
      - Energy Trends: September 2017, special feature article: Diversion of supplies for all and oil products to OPEC countries in 2016
    - Energy Trends: March 2017, special feature article: Magazine the UK's oil stocks
    - Energy Trends: September 2019, special feature article: New methodologies for estimating inland deliveries of road fuels and gas oil

Audits

- Offshore & university audits
- Sectoral audits
- Laboratory audits
- Employment audits
How do we secure the chain?

- The legal framework is pivotal
- So is a secure data transfer system and assurances that data are safe
- The final security of the chain is something that relies – at its best – on good industry & government engagement.