10TH ENTSOG TRANSPARENCY WORKSHOP

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Bloomberg Energy Data:
Use case on ENTSOG Transparency Platform data

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INTRO

- Bloomberg

  - Business and financial news and information provider

  - Information including real-time data is provided for a range of markets and asset classes

    - Commodities, Economic Statistics, Foreign Exchange, Derivatives, Fixed Income, Equities, Fundamentals

- Power and Gas Data Team

  - Collect data from multiple sources

  - Publish this on the Bloomberg terminal for clients use (attributed to source)

  - Provide analytics and charting to analyse data

  - Provide news and research

  - Proprietary models

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DATA USAGE TYPES

- Gas Product Data Types
  - Forward Prices
  - Spot Prices
  - Outages
  - Fundamentals
    - Demand
    - Consumption
    - Production/Generation
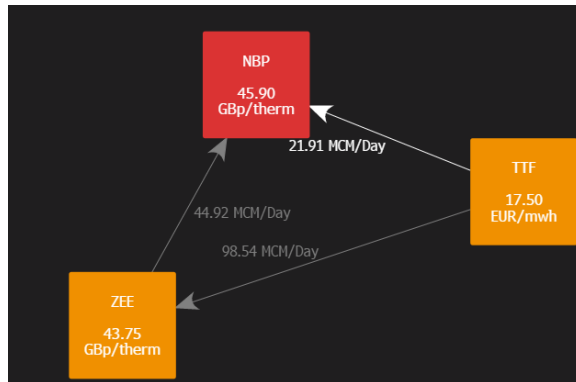   - Storages
    - Flows
    - Capacities
- Data sources
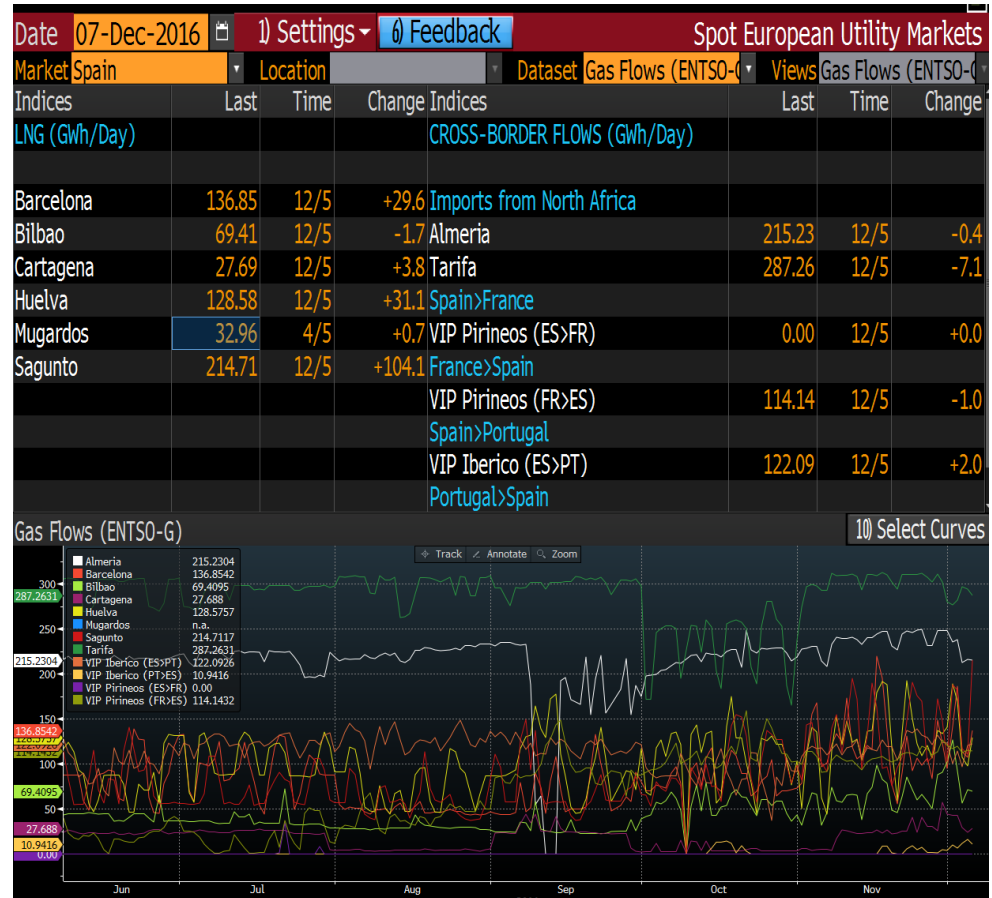
OUR OBJECTIVES

- We aim to provide a comprehensive image of the movement of natural gas among European hubs

Map showing real time flows on hub level

Detailed views for hubs

- Data sourced from the ENTSOG Transparency Platform:

Indicators	Granularity	Markets
• Physical Flows • Capacity (Firm Technical, Firm Booked, Firm Available) • GCV	• Hourly • Daily	• NBP, TTF, ZEE • NCG, GASPOOL • PEG Nord, TRS

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USER EXPERIENCE

- ENTSOG Transparency Platform vs TSO websites

    - Harmonisation, availability on a single platform

    - API

- How do we interact with the platform

    - API - Transport Data file for ca 40 TSOs

    - Website functionalities

        o Maps

            ➢ Overview of key infrastructure

            ➢ Consultation of data for a specific point

            ➢ Creation of aggregates

        o Charts

            ➢ QC

CHALLENGES

- Unit Conversions
  - GWh > MCM
  - GCV and flow matching
- API Stability
  - Affects how we pull and publish the data
- Zeroes/NAs
  - Can't treat all zeroes as true zeroes
  - Complicates publishing and calculations
- Inconsistencies Across TSOs
- Reporting Lags

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CHALLENGES

- Aggregations

  - Points > Hub to Hub Flows

  - Map provided but lack of transparency into calculations

- Direction of flow on country/hub basis

  - Not provided in the Transport file

Import & Transmission Capacity 2014 (GWh/d)
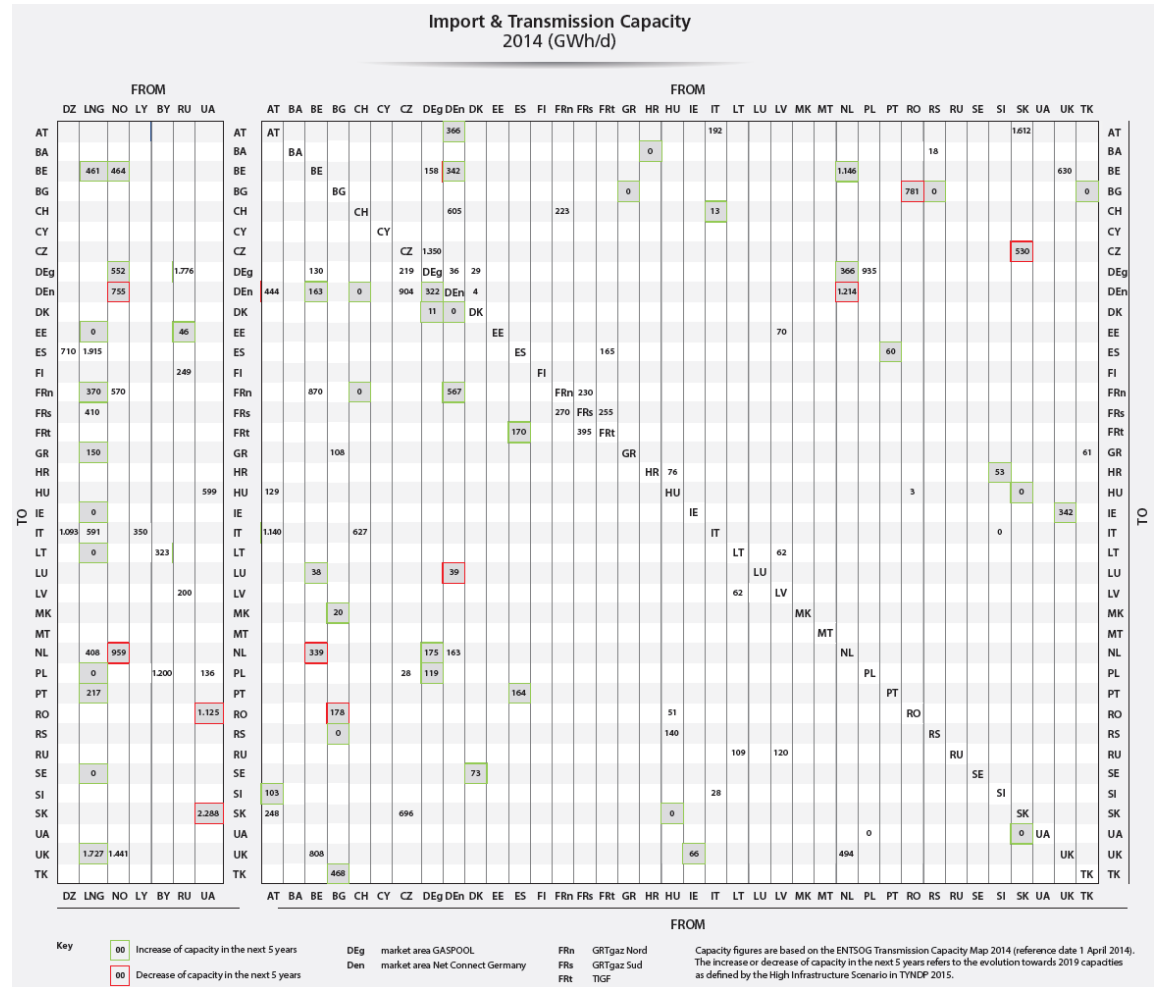
FUTURE PLANS

- Addition of more data:

  - Expand coverage taken from the transport file

    o Technical difficulties in parsing

    o Stopped publishing on their own platforms

    o Regional expansion

  - Focus will still be on the same indicators

  - Hourly Data

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THANK YOU!

QUESTIONS?

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