

# **Input Data – TYNDP SJWS #2**

## **INTRODUCTION**

**Brussels – 18 February 2014**

# Introduction

## ***TYNDP 2013-2022 as starting point***

- Common elements with previous TYNDP:
  - ✓ Continuity and consistency (long term perspective)
  - ✓ Updates (scenarios as seen from 2 years later)
  - ✓ Identification of potential discontinuity
- New elements:
  - ✓ Different treatment of elements covered in TYNDP 2013:
    - Gas to power: multi-scenario approach
    - Shale gas and biogas – From a qualitative approach into a specific use in the assessment
    - ...
  - ✓ New elements – Implementation of the ESW CBA within TYNDP:
    - Scenarios for Prices (fuels and emissions)
    - Other input data: physical parameters, social discount rate, cost of disruption...
- New horizon: moving from 10 year to 20 year horizon

# Introduction

## *Different types of data*

### ➤ Project data

- ✓ All the project promoters (including TSOs) through standard questionnaire.
  - TYNDP key data: capacity, commissioning date and FID/vs Non-FID → Capacity scenarios
  - Other data to be discussed in SJWS#3 on 5th March on the basis of TYNDP 2013

### ➤ Country-specific data

- ✓ Provided by TSOs through specific questionnaires
  - Demand scenarios
  - Scenarios on National production
  - ENTSO-E capacity scenarios for TYNDP as an input

*Rationales behind the data*

### ➤ General data:

- ✓ Public data
  - Gas import scenarios by source
  - Scenarios for Prices (fuels and emissions)
  - Other input data: physical parameters, social discount rate...

*Definition of potential scenarios – 1<sup>st</sup> iteration*

# Introduction

## ***The interlink between scenarios and methodology***

- The definition of the scenarios has to fit the purpose of the assessment methodology:
  - Level of detail: Disaggregation by country/balancing zone
  - Definition of cases: duration, climatic conditions, seasonal/yearly definition
  - Range of scenarios: Assessment to cover a broad range of conditions – balance between stress and occurrence.
  - Use of the general scenarios:
    - Moving from the general into the specific figures:
      - Derive the use of each source/route from a set of potential scenarios by source
        - Different approaches for different cases
      - Price scenarios per source from an average import price scenario for Europe

*To support the application of the methodology, the set of input data should:*

- *Describe the range of potential futures in which projects should be assessed*
  - *Include the level of detail necessary to run the methodology*



# Thank You for Your Attention

ENTSOG -- European Network of Transmission System Operators for Gas  
Avenue de Cortenbergh 100, B-1000 Brussels

EML:

WWW: [www.entsog.eu](http://www.entsog.eu)