

**WHAT?**

**SWG1's Challenge**

Analyzing LNG's Role in the Global Energy Transition Amidst the Russian/European Gas Crisis.

**HOW?**

**Approach to the Challenge**

**1**

**Create Energy System Maturity Framework:**

Understanding LNG's Role Across Diverse Energy Economies

**Key Hypotheses from the ESM Framework:**

**Role of Gas with Maturity:**

**Primary to Secondary:**

Increased role of gas, supporting growing energy economies. LNG supports energy supply growth, and replacement of coal in energy mix.

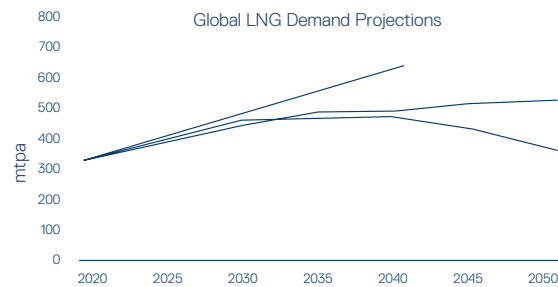
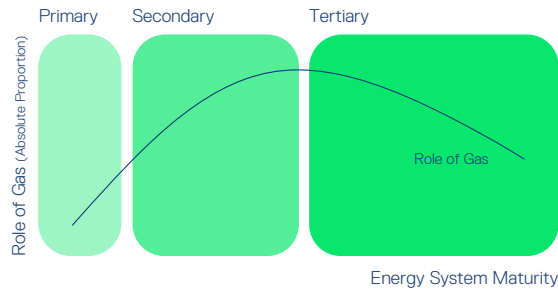
**Secondary to Tertiary:**

Reduced role of gas, with emphasis on decarbonisation. Gas plays niche role and its carbon impact reduced (eg CCUS). Provides flexibility.

**2**

**Scenarios for LNG Market Evolution**

Examining Various Energy Transition Pathways



**3**

**Analysing Drivers and Limiting Factors**

Assessing the Forces Shaping LNG Demand

**Key Findings: LNG's Future Role**

LNG's future role will be determined by decarbonisation policy choices, affordability and energy security requirements. It will play roles in supporting economic and energy consumption growth, and providing flexibility and security of supply.

**Forecasts of the future role of LNG vary**