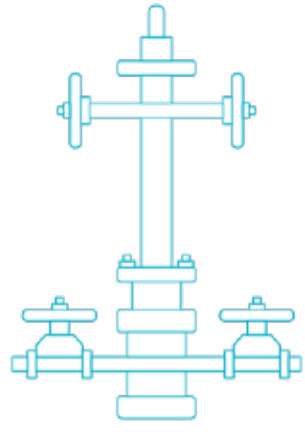
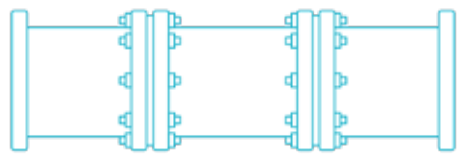


# LNG Lifecycle



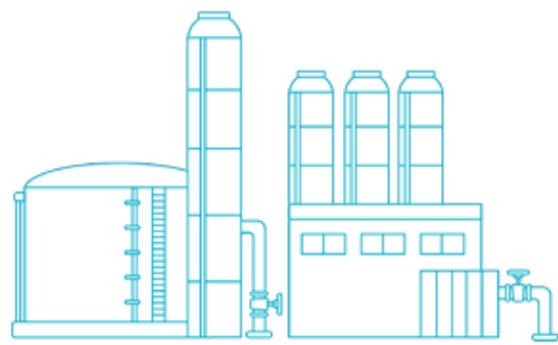
## Gas Field

Gas is extracted from the ground and processed to remove impurities and other gases



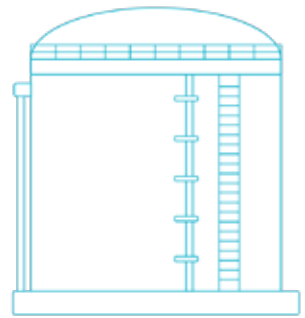
## Pipeline

Gas is transported to population centres and export terminals



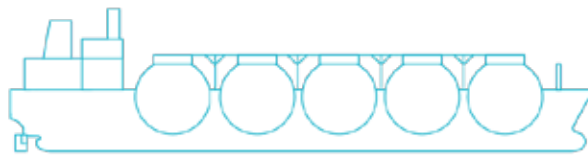
## Liquefaction Facility

Gas is cooled to  $-160^{\circ}\text{C}$  to condense into 600 times less space



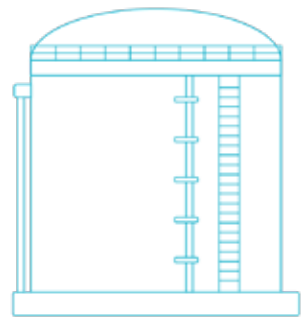
## LNG Storage Tank

LNG is kept liquid in an insulated tank near atmospheric pressure until it can be loaded on a ship



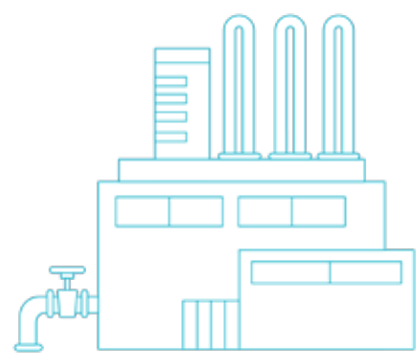
## LNG Carrier

LNG is kept liquid in insulated tanks near atmospheric pressure with no further cooling needed during transport



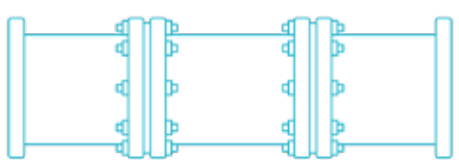
## LNG Storage Tank

LNG is kept liquid in an insulated tank near atmospheric pressure until it is needed as a gas



## Regasification Facility

LNG is converted back to gas using a heat exchanger, in a process called regasification



## Pipeline

Gas is transported from import terminals to population centres



## End User

Gas is used to cook food, heat and cool homes, generate electricity, and power vehicles