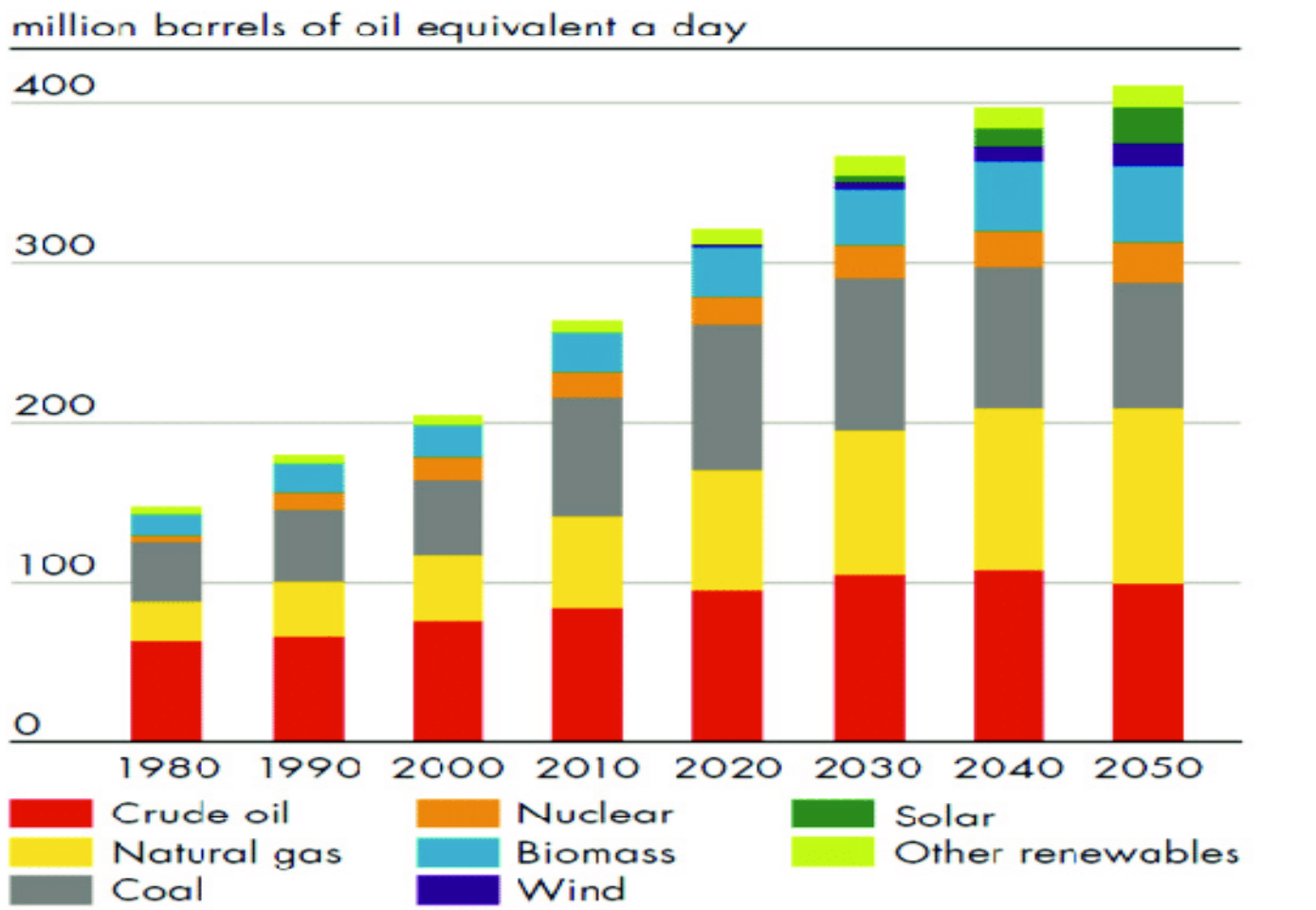


# LNG – fuel for energy transition

# Worlds energy consumption



# LNG – reaching for Paris climate agreement

## Emission reduction estimations

NOx	SOx	PM	CO2
20-30 %	90-97%	90%	24-30%

## Proven and available technological solutions



## LNG –energy security

LNG is a natural gas cooled to  $-160^{\circ}\text{C}$ , compressed 600 times

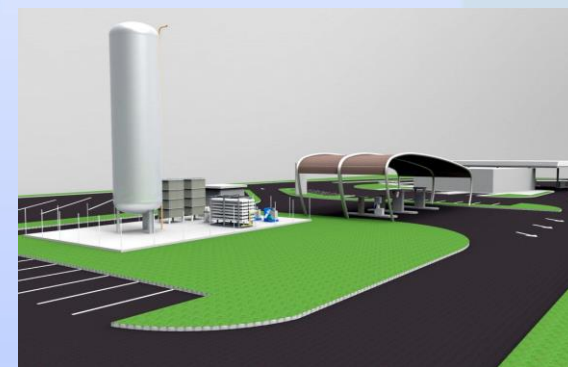
Supplier diversification



Off grid infrastructure



Energy for transport



## LNG- Alternatives

### Liquified biogas –LBG

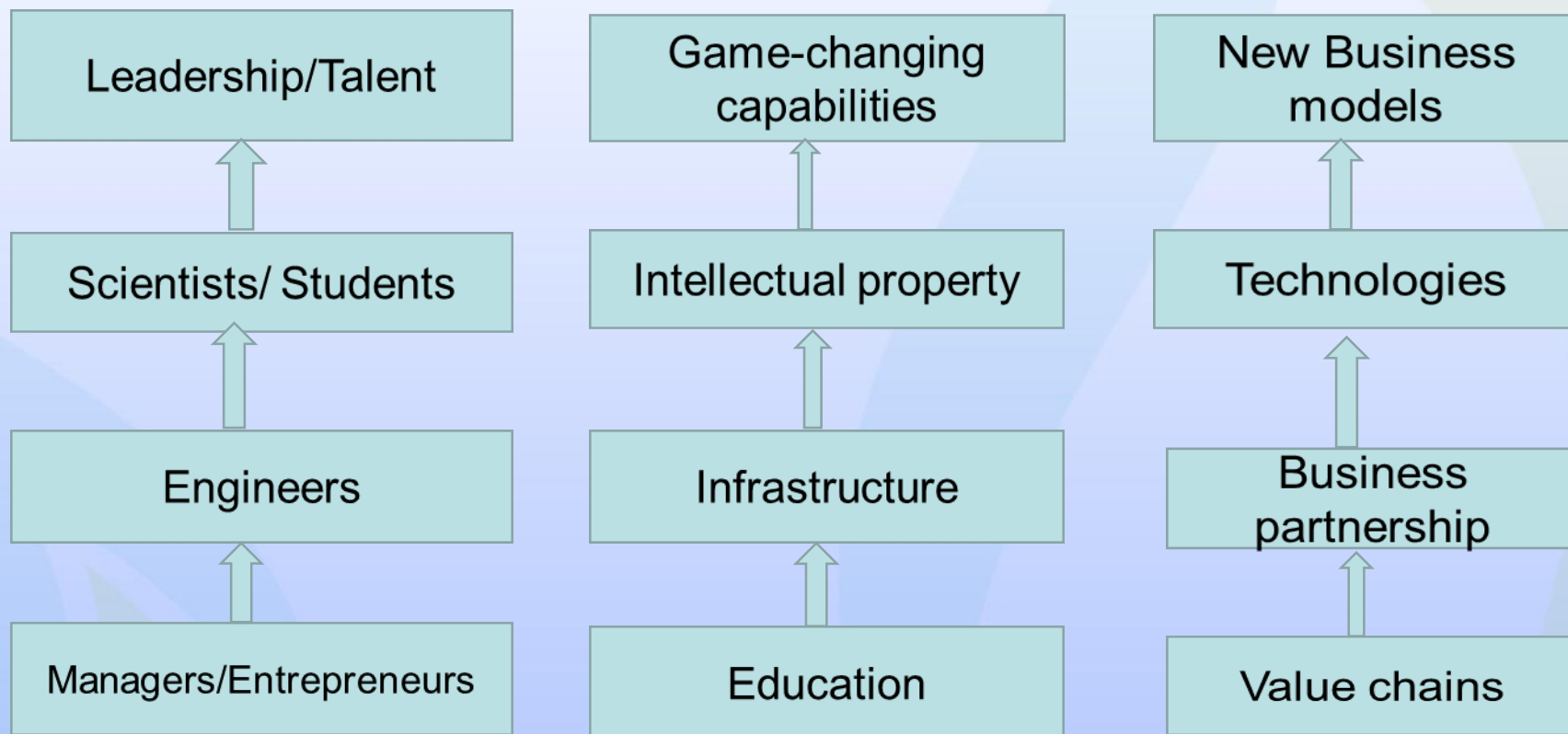
- Cuts the CO2 emissions to zero
- Enabled by LNG infrastructure



# Aim

***Lithuanian LNG cluster aims at establishing Lithuania as LNG technology and distribution center in BSR by developing knowledge, technology and business partnerships in order to enable LNG business models, establish Lithuanian LNG terminal as a distribution hub for the region***

# Strategy



# Innovation projects

## LNG for inland water shipping



## LIT – Liquid intelligent tank



## LNG for Rail





[https://www.youtube.com/channel/UC3XdKeao\\_w1EJf7pTGWyVBA](https://www.youtube.com/channel/UC3XdKeao_w1EJf7pTGWyVBA)