



# IPIECA

Mapping the oil and gas industry to  
the Sustainable Development Goals: An Atlas

THE GLOBAL OIL AND GAS  
INDUSTRY ASSOCIATION  
FOR ENVIRONMENTAL  
AND SOCIAL ISSUES

[www.ipieca.org](http://www.ipieca.org)



## Mapping the oil and gas industry to the Sustainable Development Goals: An Atlas



### This presentation covers:

- Who we are
- The SDGs
- Achieving the SDGs
- The role of oil and gas



# WHO WE REPRESENT

## IPIECA

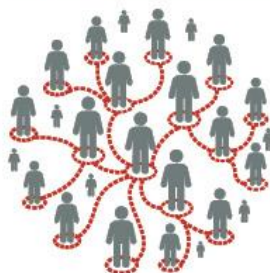
THE GLOBAL OIL AND GAS INDUSTRY ASSOCIATION  
FOR ENVIRONMENTAL AND SOCIAL ISSUES

**Our membership  
operates in**



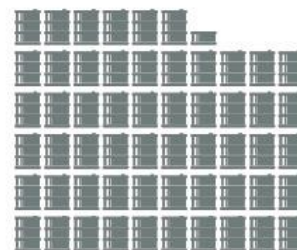
**180**  
countries

**Our membership  
employs**



**1.3** million  
people

**Total output  
of hydrocarbons**



**56.2**  
million boe/day

**Our association  
member network  
represents**



**500**  
oil & gas companies

# WHAT ARE THE SUSTAINABLE DEVELOPMENT GOALS?



- The Sustainable Development Goals (SDGs) form part of 'Transforming our world: the 2030 Agenda for Sustainable Development'
- Adopted in September 2015 by the 193 United Nations Member States.
- Represent the world's plan of action for social inclusion, environmental sustainability and economic development.



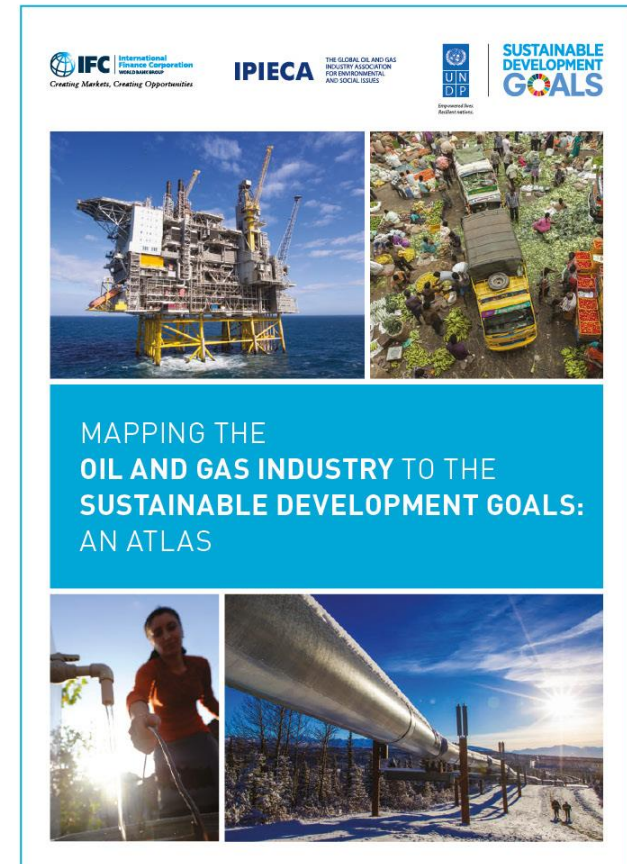


# WHAT IS THE ATLAS?



## The Atlas aims to:

- Develop shared understanding of implications of the SDGs for O&G
- Demonstrate the importance of O&G in achieving SDGs
- Identify current impacts of our sector, both positive and negative
- Identify gaps, challenges and opportunities for the industry to make the most effective contribution
- Explore the role of partnerships for greater success

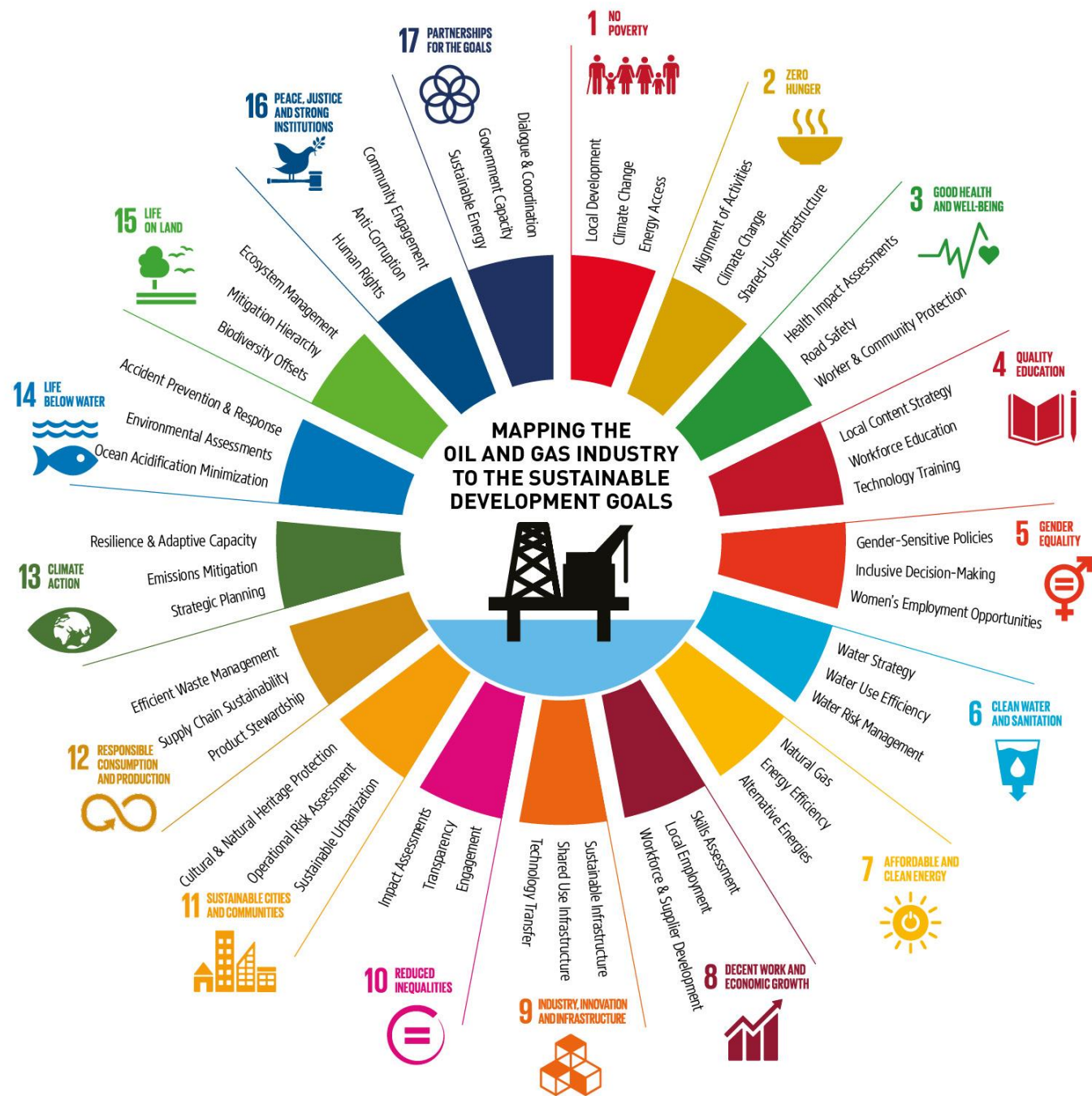


DOWNLOAD AT: [www.iecea.org/resources/SDGAtlas](http://www.iecea.org/resources/SDGAtlas)

# MAPPING THE INDUSTRY TO THE SDGs

The oil and gas industry is committed to responsible and sustainable business, as well as serving as an essential partner to meet the challenge of achieving the SDGs.

The oil and gas industry has the potential to contribute to all 17 SDGs.



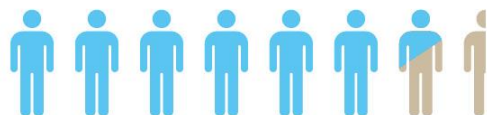
# ACCESS TO ENERGY



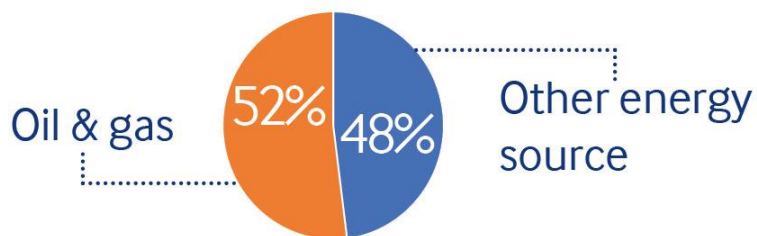
Access to affordable reliable energy is essential for the growth of strong economies, sustained improvements in the quality of life, and the eradication of poverty.

## Today's energy system

575 Exajoules

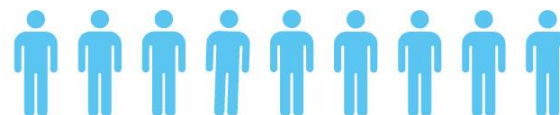


Serves 6.2 Billion people  
1.2 Billion have no access

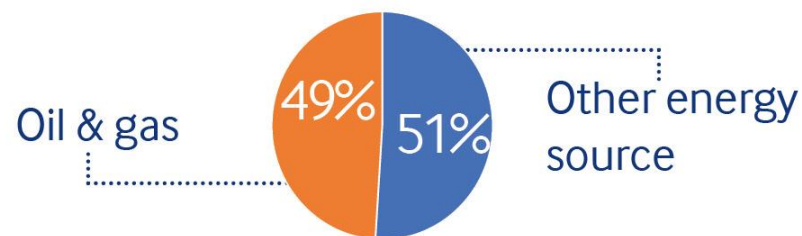


## 2035 energy system

720 Exajoules



Serves nearly 9 Billion people

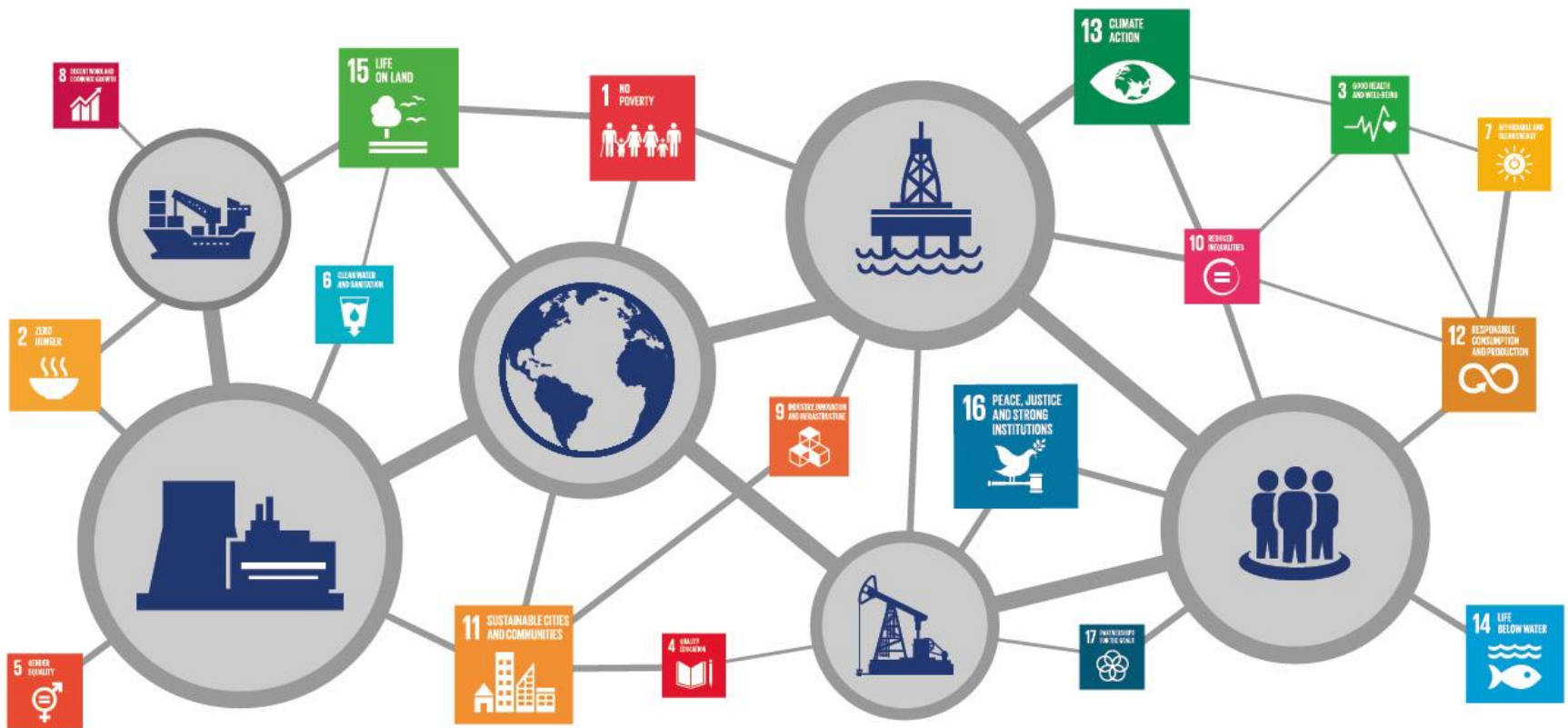




# INTEGRATED APPROACH



The SDGs are interlinked and indivisible, requiring approaches that ensure synergies and manage trade-offs.

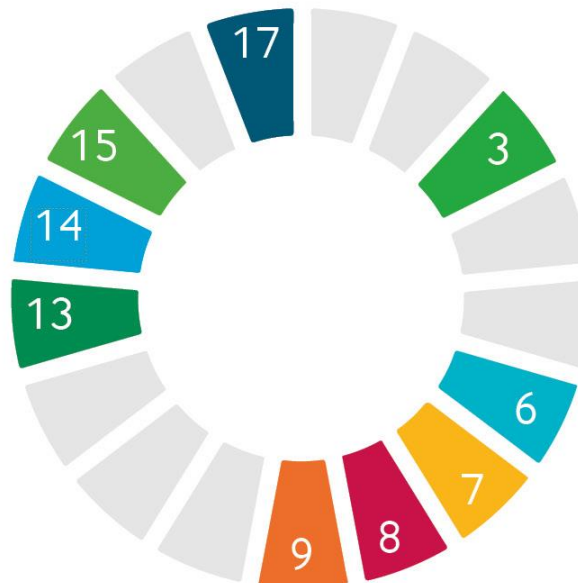
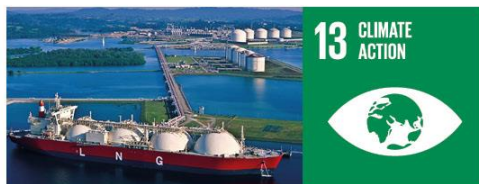




# OPPORTUNITIES TO CONTRIBUTE



The scope and nature of typical oil and gas activities point to some SDGs where there are particularly strong opportunities to contribute.



## 7 – AFFORDABLE AND CLEAN ENERGY

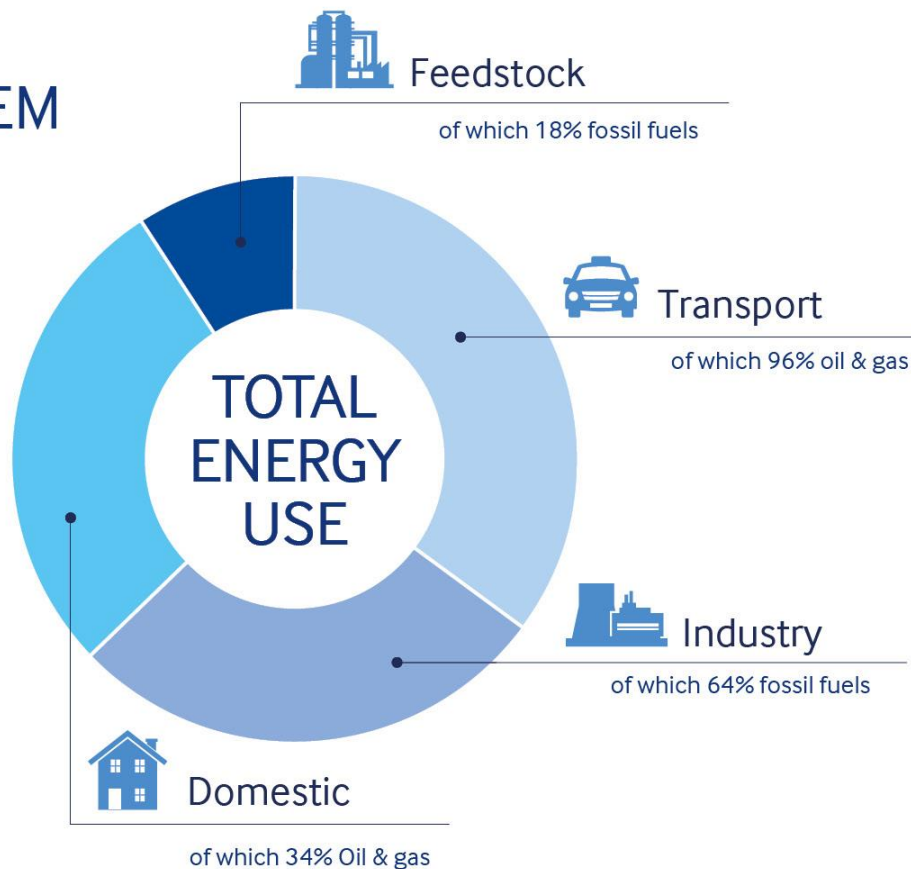


The universal global challenge is to ensure access to affordable, reliable, sustainable and modern energy, including achieving a balance between anthropogenic emissions by sources and removals by sinks of GHGs in the second half of this century.

### CURRENT ENERGY SYSTEM



**1.1** billion have no access to electricity





# 13 – CLIMATE ACTION



We believe that it is possible to address climate change risks while also meeting global energy demand and supporting economic development.



Plan strategically for a net-zero emissions future

Self-assess carbon resiliency



Strengthen resilience and adaptive capacity to climate change impacts.



Mitigate emissions within oil and gas operations



Developing CCS