

# JRC activities on Unconventional Hydrocarbon Research





## Energy Union

- Indigenous energy sources contribute to decreasing Europe's energy import dependence
- Need to adequately manage the risks that may arise from the exploration and exploitation of unconventional hydrocarbons

## Policy support needs

Impacts related to the exploration and exploitation of Unconventional Hydrocarbons from **a multi-disciplinary perspective (geological, environmental and socio-economic)**



**IHCP**

*Health  
Chemicals*

**IET**

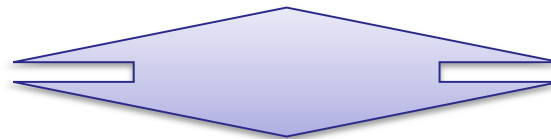
*Technology  
Resources  
Market  
Societal dimension*

**IES**

*Environmental  
Impact*

**IPTS**

*Waste  
management*



**Other European Commission services  
(DGs ENER, ENV, RTD, CLIMA, GROWTH)**



## Horizon 2020 – WP 2014-2015 B.2.9

- Assessing Europe's **resources** (EUOGA)
- Analysing energy **market** as well as broader economic impacts
- Evaluating the technical and economic framework conditions for the development of a European shale gas industry e.g. **appropriateness** of exploration and production **technologies** and methods including possible needs and scope for their **improvement**
- **International** knowledge sharing