ARGUMENT MAP SHALE GAS PRODUCTION IN EU MEMBER STATES



Shale gas production hinders the transition to renewable energy

Government investments in shale gas production cannot be spent on renewable energy. • Shale gas production increases the energy supply and thus delays the urgency to switch to renewable energy. • Shale gas production reduces fossil energy prices making renewable energy relatively expensive.

• Shale gas production and post-production wells can lead to groundwater contamination.

- ••• Shale gas production requires water and thus competes with other demands for water.
- Shale gas production can lead to methane emissions and thus add to the greenhouse effect.
 - Shale gas production negatively impacts air quality during well construction and production of gas.
 - Shale gas production uses chemicals which may harm the environment.

Shale gas production restricts space and disturbs tranquillity

• Shale gas production requires wells to be drilled, which are blots on the landscape and require space. Shale gas production requires transport and drilling, which affect the environment and hinder residents.

Shale gas production is a hazard to employees and residents

Shale gas production poses a risk of earth tremors and reactivation of faults.

• Harmful substances in the shale layer, like radioactive materials, may come to the surface.

• Shale gas production has safety risks, while little is known about effective measures to address accidents.

The use of common technologies in unconventional conditions can lead to unpredictable outcomes.

Shale gas production is expensive and its profitability is unclear

Exploratory drilling costs the taxpayer money in countries where the state will co-invest in exploration. It is unclear how much gas can be profitably produced and whether public investments are worth making. • Developing and implementing governmental supervision comes at the taxpayer's expense.

Shale gas production may lower the value of property

Large scale shale gas production may weaken the national economy in the long term

Sale of shale gas may weaken the country's competitiveness through the rising value of its national currency.

Shale gas production can lead to domestic political tensions

• Part of the public resists shale gas production and this can cause political upheaval. • Information about shale gas production is diverse and misty, therefore citizens cannot assess its impact.

Shale gas production requires amendments to existing law and legislation

• A country's regulatory framework may not be able to cover all aspects of shale gas production. O Governmental supervision is inadequately geared to the specific technology of shale gas production.

Shale gas production can create international tensions

O Shale gas production may negatively influence the environment and safety in neighbouring countries.



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