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“New natural gas pipeline benefits Europe and Africa”

European countries have agreed to start filling up their natural gas gap, with the new natural gas pipeline from Africa. Nigeria and Morocco agreed to develop this pipeline in 2016, but after the beginning of the Ukraine-Russia war, things have speeded up.

After the economical punishments Europe imposed on Russia, Russia decided to increase the price of the natural gas exported to Europe and decrease the amount of gas. Most European countries have a big dependency on Russia's natural gas, countries like Germany import 50% of their natural gas from Russia.

Since winter is coming up, European countries are dealing with having to go back and use carbon as an energy source or look for ways to import natural gas from different countries. And this project seems like the best option for this situation.

This situation favors both Africa and Europe since Africa is expanding their resources across Europe and Europe is getting another source of energy rather than having to depend only on Russia's natural gas.

The new pipeline starts in Nigeria and Morocco and goes to Europe through Spain under the water. The pipeline is 5,660 km (3,517 miles) long and has different benefits not only for Europe but also for the developing countries in Africa.

The pipeline is made up of steel and has two compression stations, one in Algeria and the other one in Tangier, where there is also a control center for natural gas. These stations use the same engine as an Airbus.

Looks very similar, almost identical to the new oil pipelines or natural gas pipelines, such as the Russia-Germany natural gas pipeline that is currently operative.

One of the biggest goals of this project is to decrease the dependency on Russia's natural gas. The war between Russia and Ukraine has led Europe to find substitutes for Russian natural gas, such as this project, which is very beneficial for Europe and Africa.

But this idea has also some benefits regarding the environment and climate change. Most of the natural gas that comes to Europe is transported by boat, which emits a lot of carbon dioxide into the atmosphere. Using this pipeline will reduce the amount of natural gas shipped by boats therefore it will reduce the amount of carbon dioxide emitted to the atmosphere.

Looking at the possible consequences the pipeline could bring, the most common one is leakage which could be dangerous and more expensive.

However, with the new technology, leakages are easier to find and prevent. Detecting a different smell or preventing hazards to be close to the pipelines are ways to prevent this issue. In addition, 99.999997% of the gas and oil transported in pipelines is moved safely.

This pipeline has one valve every 23 kilometers. This will help with any kind of leakage or issue that could happen. If they detect any issue or leakage, they will close the closer valves and natural gas will stop flowing. That way, the chances of a big incident decrease dramatically.

This type of result strongly supports the idea of using pipelines to transport natural gas to Europe in this energy crisis they are living in.

This project leads to a win-win situation since Europe avoids the exaggerated prices Russia is imposing on them as they are very dependent on their natural gas resources, and Africa increases their natural gas exportations without damaging the environment.

In the United Nations General Assembly, they said that it is very legit, equitable, and fair that Africa can provide this energy source to Europe since they are one of the continents that pollute the least and is very far behind in industrialization.

This project would put Africa in everyone's eyes as they try to be a more industrialized country.

The indirect effect of this project would increase the pressure on Russia as most of the European countries will import natural gas from Africa rather than from Russia. Therefore, this will have an immediate negative impact on their economy and their future.

Also, this project will lead to a better relationship between Europe and Africa, as Africa has a lot of resources to offer and they also want to expand not only their resources but also their culture and economy around the world.

This idea will turn the Europe energy crisis around as they continue to make efforts to have everything ready for the upcoming winters, especially for the North European countries which are suffering more than others due to their bigger dependency on Russia's natural gas and the very high prices they are forced to pay.

In conclusion, this is the BEST scenario for Europe and Africa to solve not only the natural gas dependency from Russia but also Africa's economy.

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