

## **Strategies for Global Energy Resource Development: KOGAS approach in Sub-Saharan Africa**

**Sang-Chul Park, Professor at Graduate School of Knowledge based Technology and Energy, Korea Polytechnic University, Visiting professor at the School of Business, Economics and Law, Gothenburg University, Sweden**  
[scpark@kpu.ac.kr](mailto:scpark@kpu.ac.kr) / [Sang-Chul.Park@handels.gu.se](mailto:Sang-Chul.Park@handels.gu.se)

### **ABSTRACT**

Global energy resources are limited, and their markets are volatile. The most of fossil energy resources particularly in oil and natural gas are buried in specific regions. In addition, two growing economic giants such as China and India have increased their energy consumption rapidly owing to their high economic growths last two decades which is one of the most important factors to make difficult other nations to secure their energy demand and supply. Particularly, South Korea heavily dependent on energy import from abroad needs to secure its energy resources not only on the local level, but also on the global level. For it, the government initiated the policy of global energy resource development focusing on capital investment and technology development related to the energy resources in the world. There are two ways to secure national energy security. One is to produce energy resources in its own territory, and the other one is to search and develop energy resources abroad. In the South Korean case, the latter can be more feasible than the former.

Along with the government energy policy, the largest natural gas importer in the world, KOGAS set up its strategy to develop energy resources at a global scale. KOGAS has its bargaining power as the single largest importer in the natural gas market and accumulated technological capability to develop and maintain related areas of natural gas. Hence, the company is regarded as a dark horse to enter the global energy market. In order to realize its goal as a global energy company, it targets Sub-Saharan region as a strategic area to develop energy resources. This paper discusses what kind of strategies for developing natural gas in the region the company possesses, and how it approaches its strategies. Furthermore, it also analyzes what are strengths, weaknesses, risks, opportunities to carry out its business activities in the region.

### **Key words;**

Global energy resource, natural gas, energy development strategy, energy security, Sub-Saharan region