

Technology chain and mapping analysis on DMFC and MCFC technologies for forecasting potential human resources

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Korean government released the green energy technology roadmap for implementing the low carbon green growth in the sector of energy technology development. The green energy technology roadmap includes 15 energy technologies with the 9 preferred and 6 stepwise green growth driving technologies. In this research, we analyzed the present status of green energy industry. And then, we analyze the Tech chain analysis on the 15 green energy technologies on the first stage. We analyze the main company for developing related green energy technology with domestic and overseas sectors. In this paper, we describe the DMFC and MCFC technology. The 2nd stage focuses on the mapping analysis on the Korean standard industrial classification, which includes all kinds of Korean industry such as Manufacturing, Repair and maintenance, Agriculture, hunting, forestry and fishing, and so on. The results of this research will provide the policy makers and decision makers with the basic data for forecasting the future human resources with the establishment of the low carbon green growth.