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Is Space R&D Truly Fostering A Better World For Our Future? (2)

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POLICIES TO OPTIMIZE SPACE R&D INVESTMENTS AND PUBLIC-TO-PRIVATE  
TECHNOLOGY TRANSFER IN PRIVATE-DRIVEN NATIONAL SPACE PROGRAM

**Abstract**

Korea national space program and its RD have focused on responding public utilization needs and have been developed by public organizations/entities so that the result and technologies still remain in public domain. Also space technology transfer to private/spin-off area and has been estimated quite limited though space RD takes almost 5After almost 2 years of feasibility study, as the response to above-mentioned situations, new space program launched in 2021. for the first time in space RD, fund-matching is required to participating companies in certain ratio. Companies are required to contribute both in kind and fund to their RD program in order to operate their budget more efficiently and more carefully. Also, public-to-private technology transfer practice has reinforced. Compared to existing technology transfer as before, new program supports public-private co-RD and guarantees technology ownership so that private companies have the full access to the market, cooperation with international entities and participation to international space program by themselves. In this article, 2 years of feasibility study and the new program as the result will be introduced with experience and lessons-learned during a year of actual program operation.