

# METALS BANK PROJECT IN KOREA

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## **Abstract:**

Several years ago, Korean government, the Ministry of Commerce, Industry & Energy (Ministry of Knowledge Economy at present) had framed the policy for promotion of compartment & materials industry in Korea. With regards to the policy, Materials Bank Project has been launched at 2007 for the 5 years program as the first stage. The vision of the materials bank is the world's leading materials data bank as a national infrastructure and its key roles are the construction of combined materials information system for the dissemination of user-oriented information and the international collaboration to acquire advanced information on materials. The materials bank consists of 3 hubs for metals, chemicals and ceramics respectively, and supervised by the Korea Institute for Advancement of Technology (KIAT; subsidiary organization of ministry of knowledge economy to supervise the national projects such as budget affairs and estimation of research results). The Korea Institute of Materials Science (KIMS) manages the Metals Bank ([www.metalsbank.com](http://www.metalsbank.com)) as a hub and several national institutes participate as spokes. We expect that the materials bank acts as a basis of international collaboration of materials data as well as the promotion of Korean materials industry. In this presentation, we are going to inquire the accomplishments of Metals Bank for the first 5 years, and discuss about future plans.

Keywords: Materials database, Materials information, National project

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