

脆性-延性境界以深での地熱開発を目指すJBBPの現状

Current status of the Japan Beyond-Brittle Project (JBBP)

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A team of Japanese geothermal researchers have initiated a Japan Beyond-Brittle Project (JBBP) which aims to realize commercial geothermal power generation using the engineered geothermal systems (EGS) technologies in the brittle-ductile transition (BDT) in 2011. Because the geothermal energy has advantages in environmental burden, energy security and stability, the government of Japan expects drastic increase of geothermal power generation as an output of the JBBP and funded for drawing of a roadmap up to 2050 to generate several GW of power from the BDT. The authors made a one year investigation to identify scientific and technological key breakthroughs and planned a series of national project to achieve goal as described in the presentation

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