

## **GRID Initiatives On Indonesia**

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The initiatives for building the grid infrastructure in Indonesia comes from several universities in Indonesia such as University Indonesia in Jakarta (faculty of computer science) , Institute of technology Bandung (ITB) and other education and research institution . One of the initiatives were driving by the initiatives to build the NREN (National Research and education Network) called Inherent (Indonesia Higher Education Research Network). The Inherent Network started on 2006 and now connected around 200 universities in Indonesia.

The Grid Infrastructure in Indonesia focus on some areas such as , application on science (Bio-informatics, applied physics , applied chemistry ),earth science application , digital library and other areas.

University of Indonesia initiative the INGRID (Indonesia GRID) activities based on globus toolkit. ITB has initiatives the weather forecast using several processor . The earth science topic focus on the weather forecast in Indonesia. The Bio-informatics areas focus on new drug and the digital library focusing on the collecting and dissemination the digital library in Indonesia.

GRID activities in Indonesia will focusing on the building the grid infrastructure with the main application on Bio-informatics (drug discovery ), earth science application (atmosphere/weather prediction), disaster management and the digital library.