


CCS in Japan

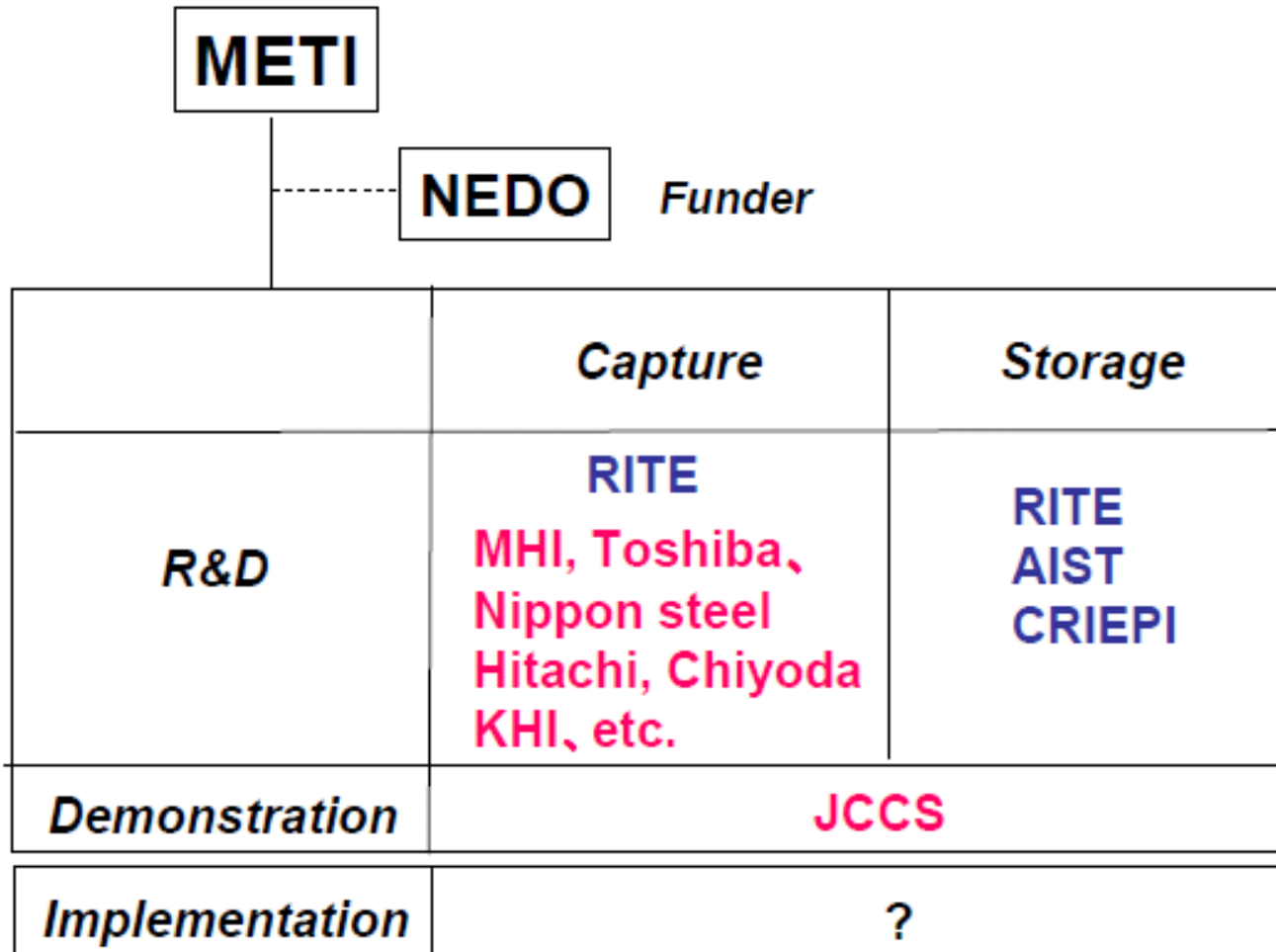
: R&D, Policy, and Prospects

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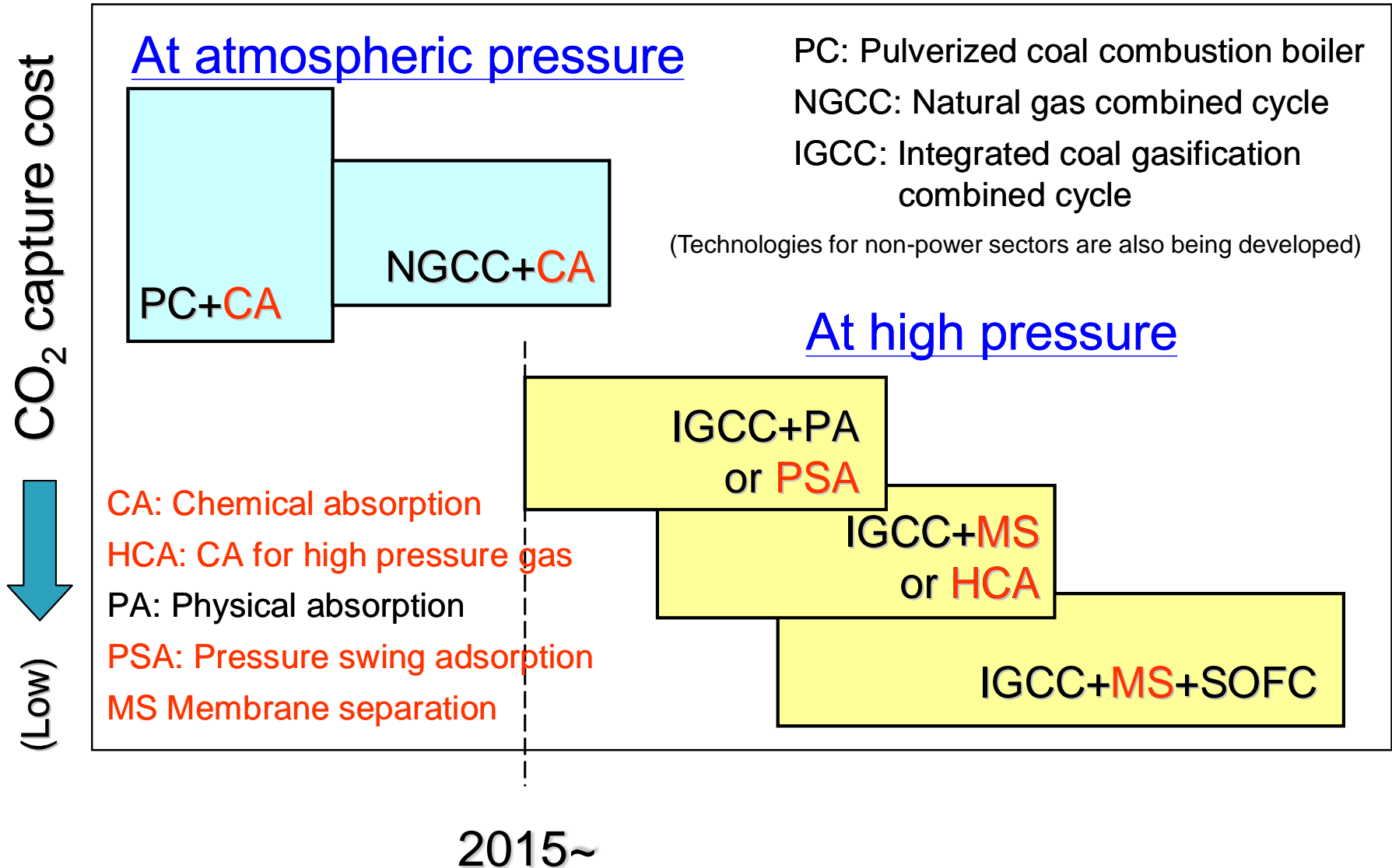
October 19, 2011

CCS Players in Japan



Blue: Research Organization, Red: Private Sector

Note: Players in the field of "Clean Coal Technology" including IGCC and Oxyfuel were excluded in this table.



[CO₂ Injection site]



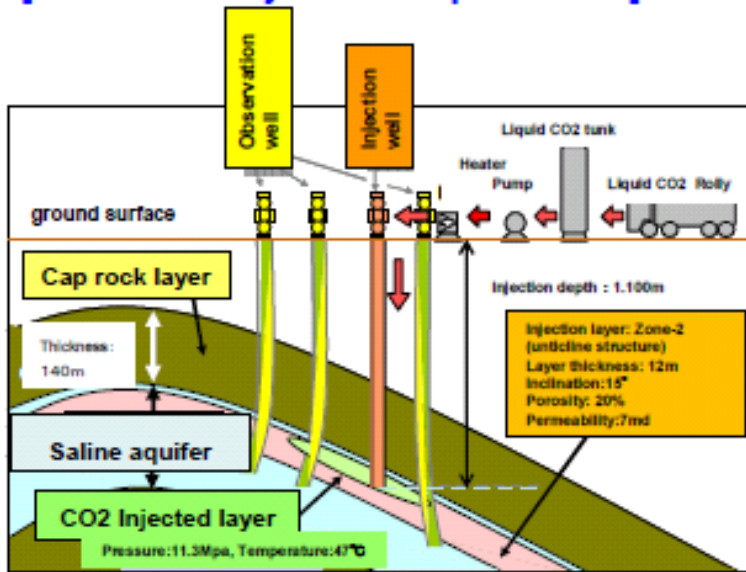
[Target of the project]

Verification of CO₂ Storage in Complex Geology of Japan

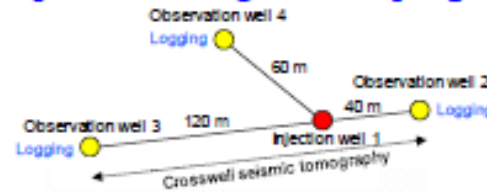
[Pilot test overview]

CO ₂ injection period	Jul. 2003 to Jan. 2005
CO ₂ injected amount	about 10,400 t-CO ₂
CO ₂ injection rate	20 to 40 t-CO ₂ /day
CO ₂ source	purchased commercial CO ₂
Monitoring	well logging, crosswell seismic tomography, microseismicity, formation water sampling, etc.

[Outline of injection experiment]

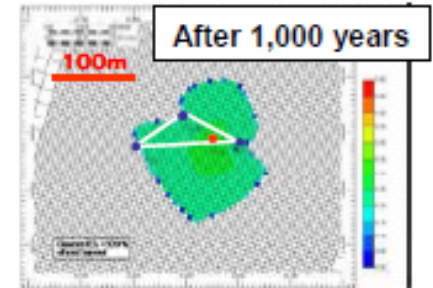
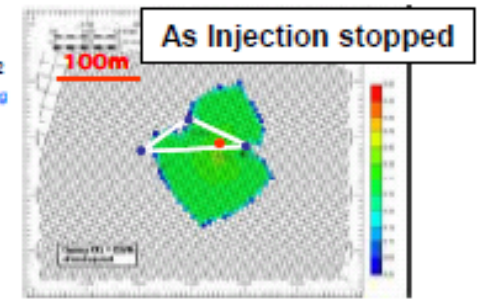
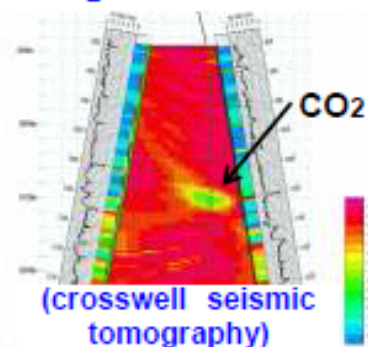


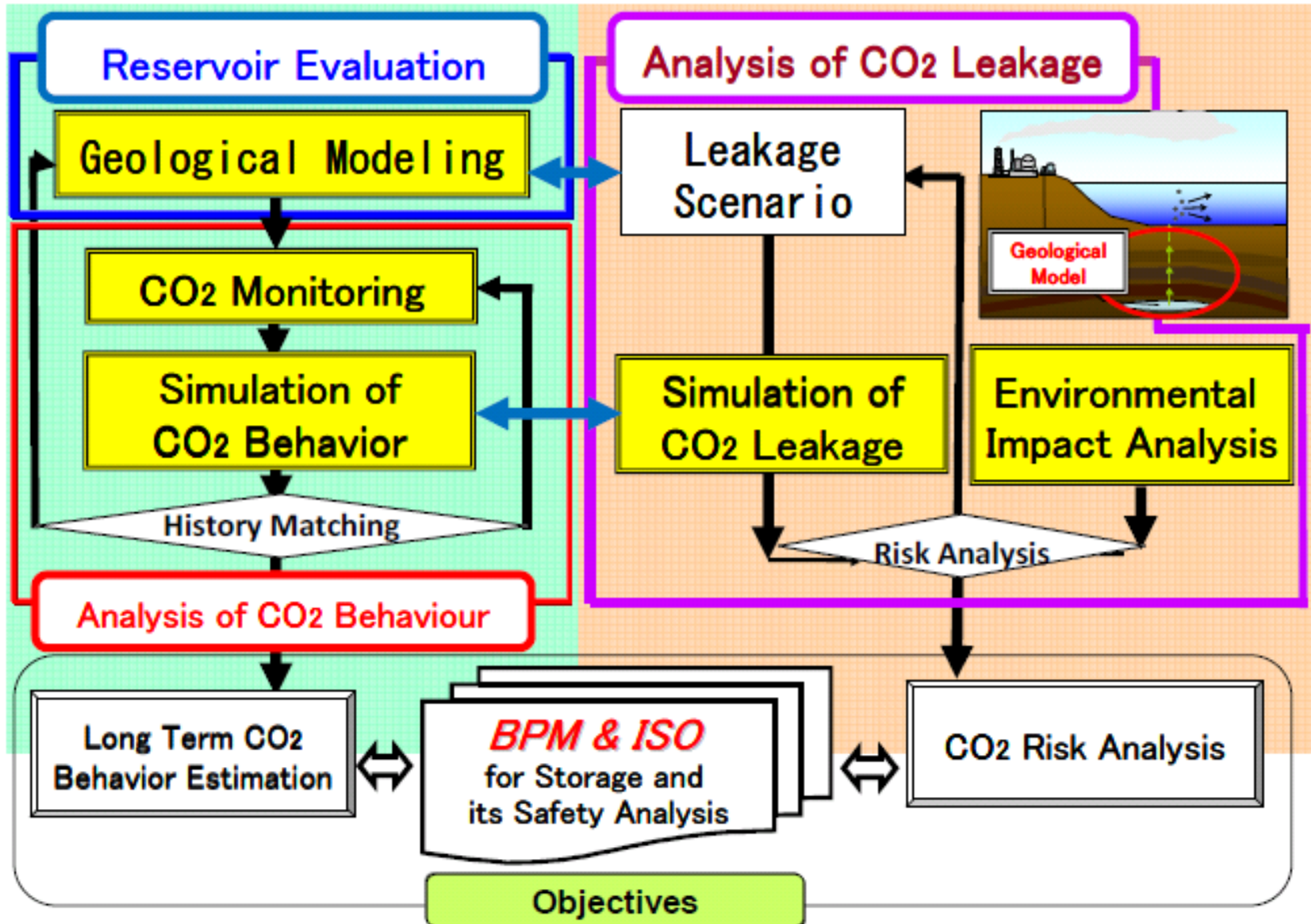
[Well configuration]



[Simulated CO₂ distribution]

[CO₂ monitoring]





CCS Road Map in Japan

