

Opportunities and Challenges for Open Innovation

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CI and OI		
Closed innovation	Open innovation	
Examples: nuclear industry, mainframe computers	Examples : PC, movies	
Mostly internal ideas	Many external ideas	
Ldw collaborative inpovation i	shpightvoor@f8Ethe INMN0760/ATION	
Low role of the venture capital	Active venture capital	
Few new businesses, weak ones	Many new businesses	
Universities are not important as the sources of ideas	Universities are impedant as the sources of ideas and people	
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Department Level Joint Research Centers		
in TH		
No.	Institution Name	Cooperation
1	THU (SIST) -Nokia Joint Research Lab	Nokia, Finland
2	THU (SIST) - HP Joint Lab on Multimedia TEchnology	HP, USA
3	THU—Intel Joint Research Institute	Intel, USA
4	THU—Hitachi Joint Lab on Ubiquitous IT	Hitachi, Japan
5	THU (SIST) - NXP "Live Experience" Joint Research Center	NXP, Netherland
6	THU - Microsoft Joint Lab on Multimedia	Microsoft, USA
7	THU - IBM Joint Lab on Service Science	IBM, USA
8	THU - Renesas Joint IC Design Center	Renesas, Japan
9	THU (RIIT) - JMC u-Korea Broadband Multimedia Transmission Joint Research Center	JMC, Korea
10	THU (RIIT) - Intertrust Digital Copyright Management Joint Lab	Intertrust, USA
11	THU (RIIT) — Hongkong Applied Science and Technology Research Institute (ASTRI) Joint Lab on Digital TV Transmission Technology ~ 1.5 million USS/ 3 years	ASTRI, HK China
Internal	Innui Tachrolany Transfer Center	ORGANIZATIÓN





























