

Symposium on Movement of Natural Persons

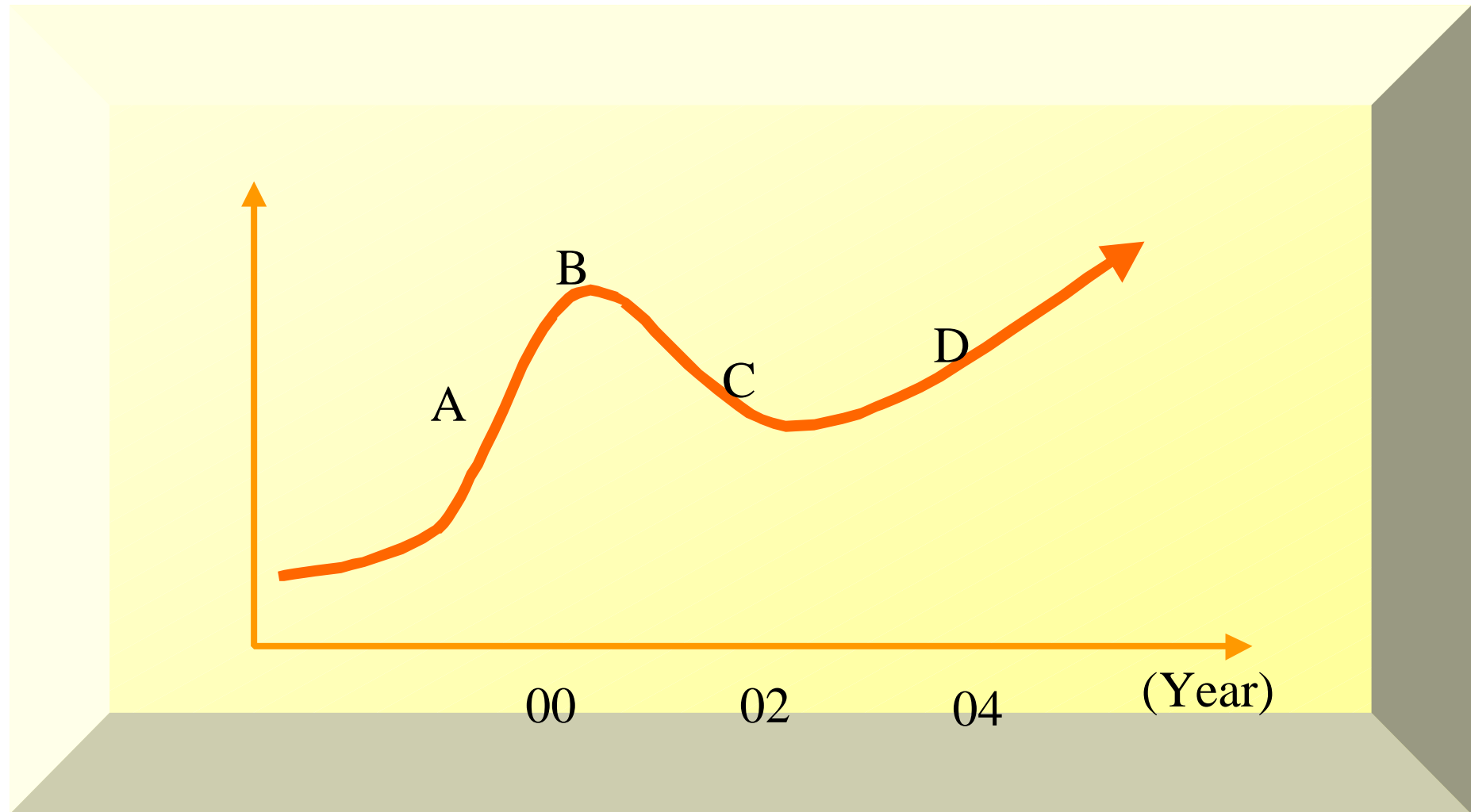
# **International Human Exchange between Academia and Industry**

March 19, 2003

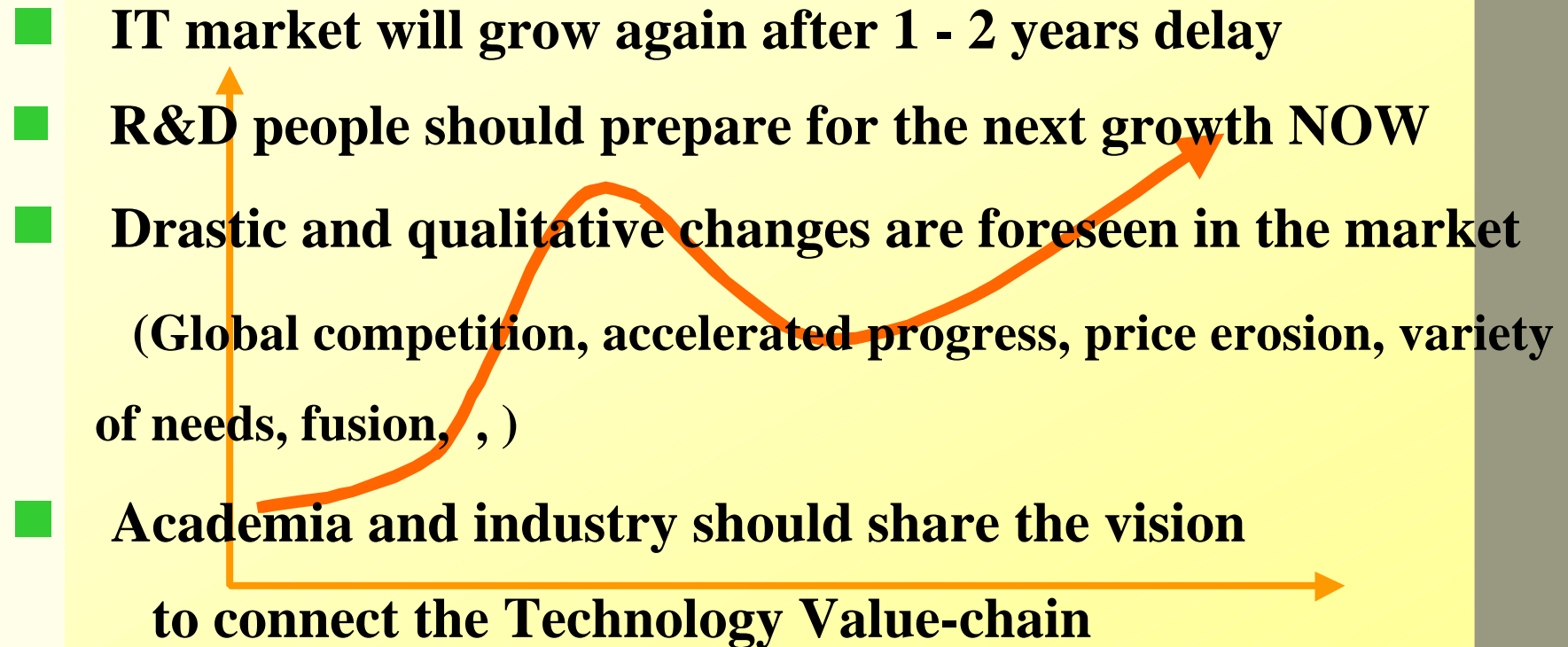
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<http://jp.fujitsu.com/>

# Today's IT Industries

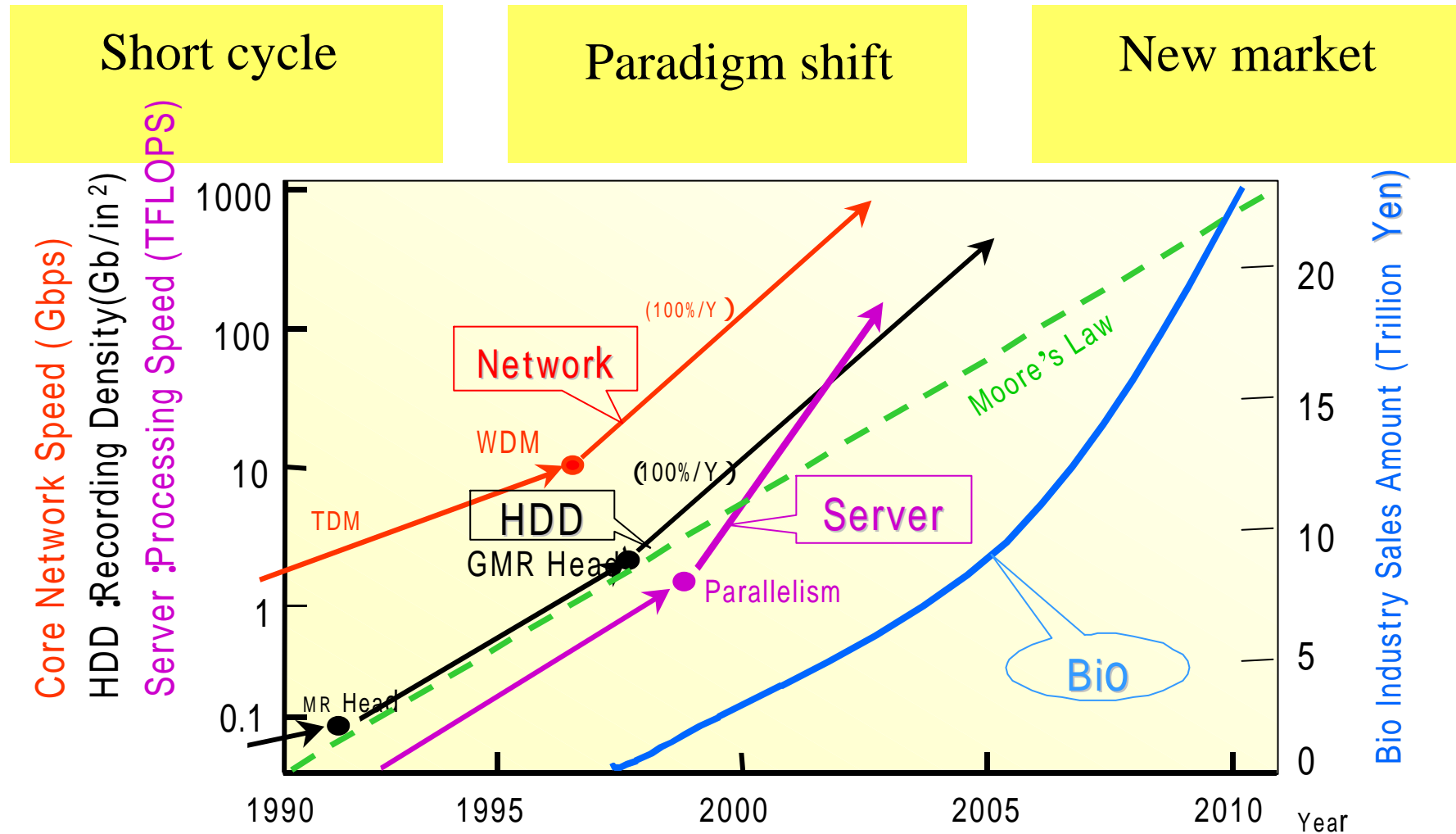


# Toward Recovery

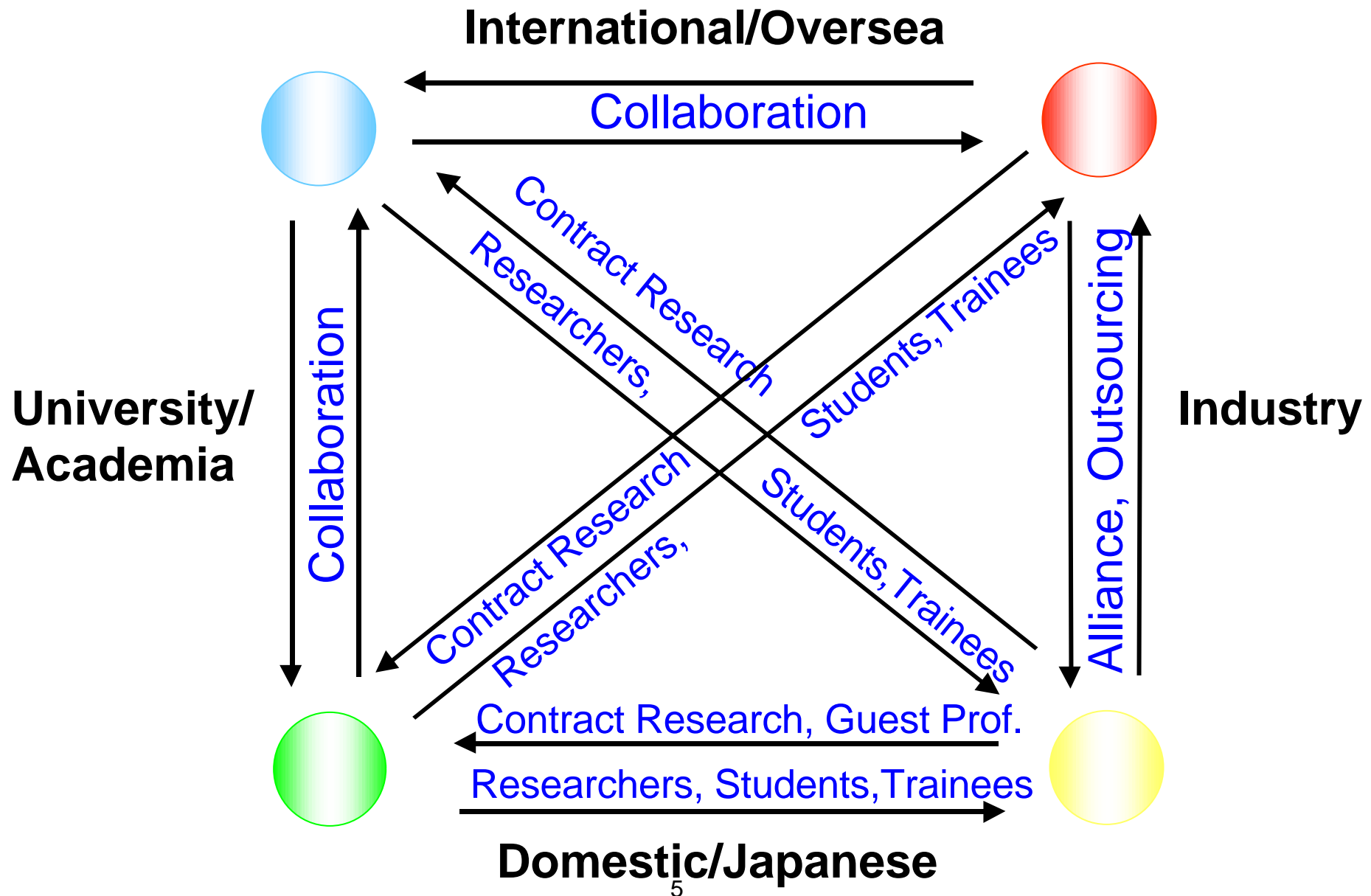
- IT market will grow again after 1 - 2 years delay
  - R&D people should prepare for the next growth NOW
  - Drastic and qualitative changes are foreseen in the market  
(Global competition, accelerated progress, price erosion, variety of needs, fusion, , )
  - Academia and industry should share the vision  
to connect the Technology Value-chain
- 

**Education – Basic Research – Development - Manufacture**

# Accelerated Progress in the IT Field



# Global Collaboration between Academia and Industry



# Human Resource in Fujitsu Laboratories

	Japanese	International
<b>Fujitsu Laboratories (Japan)</b>	<b>1,500</b>	<b>25 (1.7%)</b>
<b>Fujitsu Labs of America</b>	<b>44</b>	<b>75</b>
<b>Fujitsu R&amp;D Center (China)</b>	<b>3</b>	<b>27</b>
<b>Fujitsu Laboratories of Europe</b>	<b>5</b>	<b>30</b>
<b>TOTAL</b>	<b>1,552</b>	<b>157 (10%)</b>

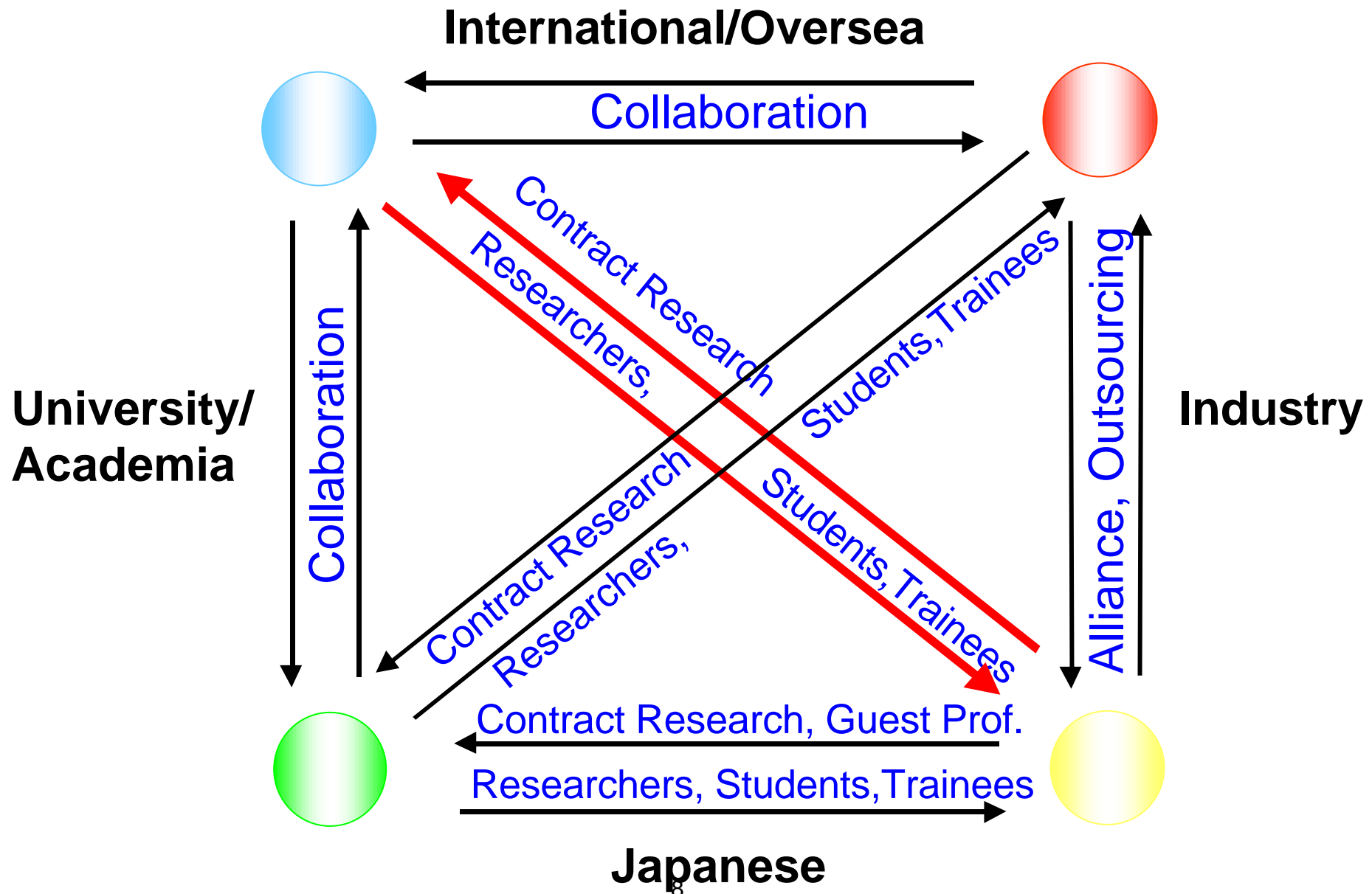
# **Collaboration with Universities/Academia in Fujitsu Laboratories**

**Japanese : International**

**Number of Projects                      3 : 1**  
**(direct : via branch)**  
**(    1 : 3    )**

**Average Funding                      1 : 6**  
**per Project**

# Global Collaboration between Academia and Industry





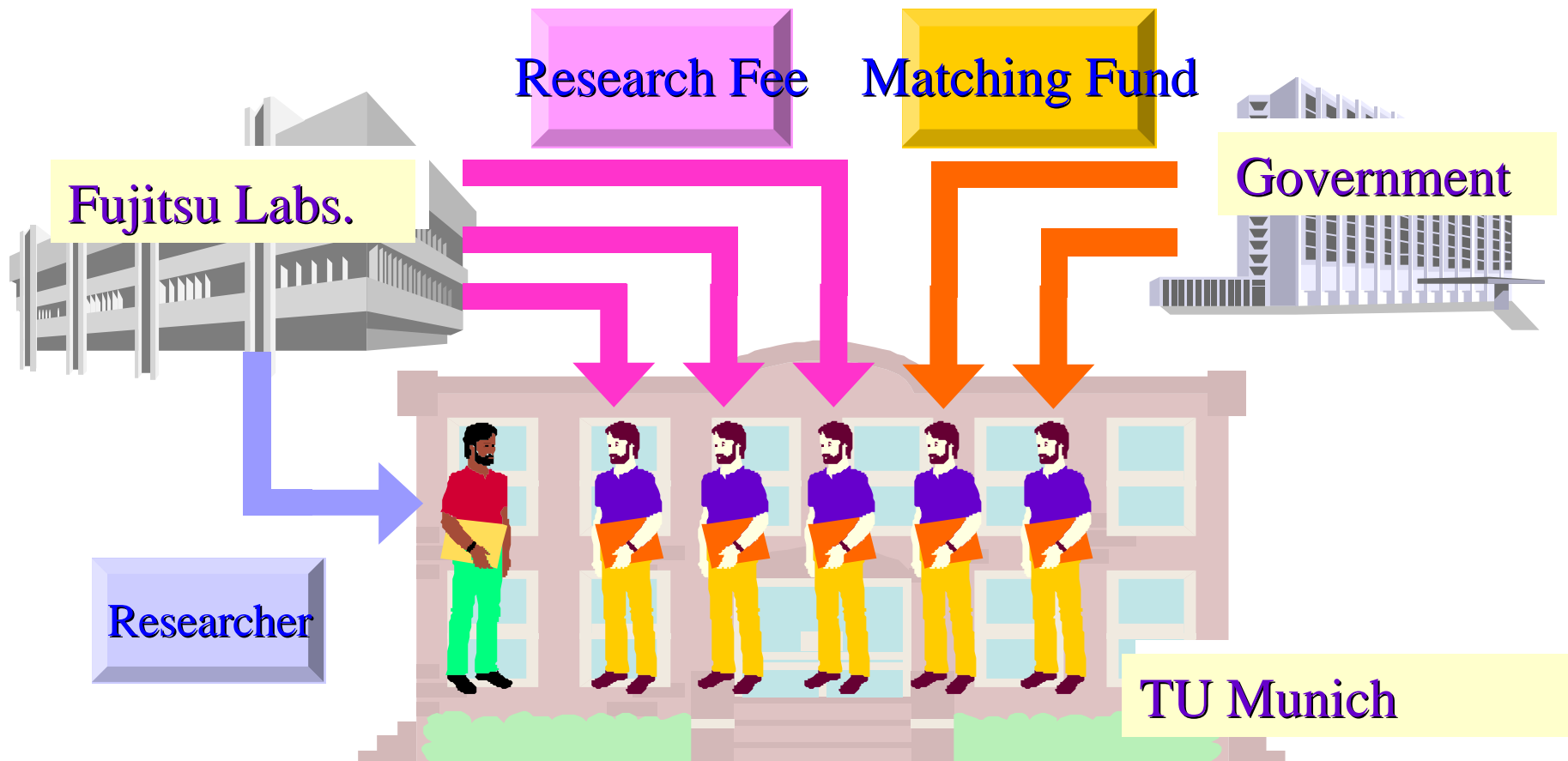
# Oversea Universities as Collaboration Partners

- **Active support by national/local government**
- **Promotion and marketing by university managements**
- **Advantage by “matching fund”**
- **PhD students and post-doctor researchers**
- **Commitments and responsibility for the contract**

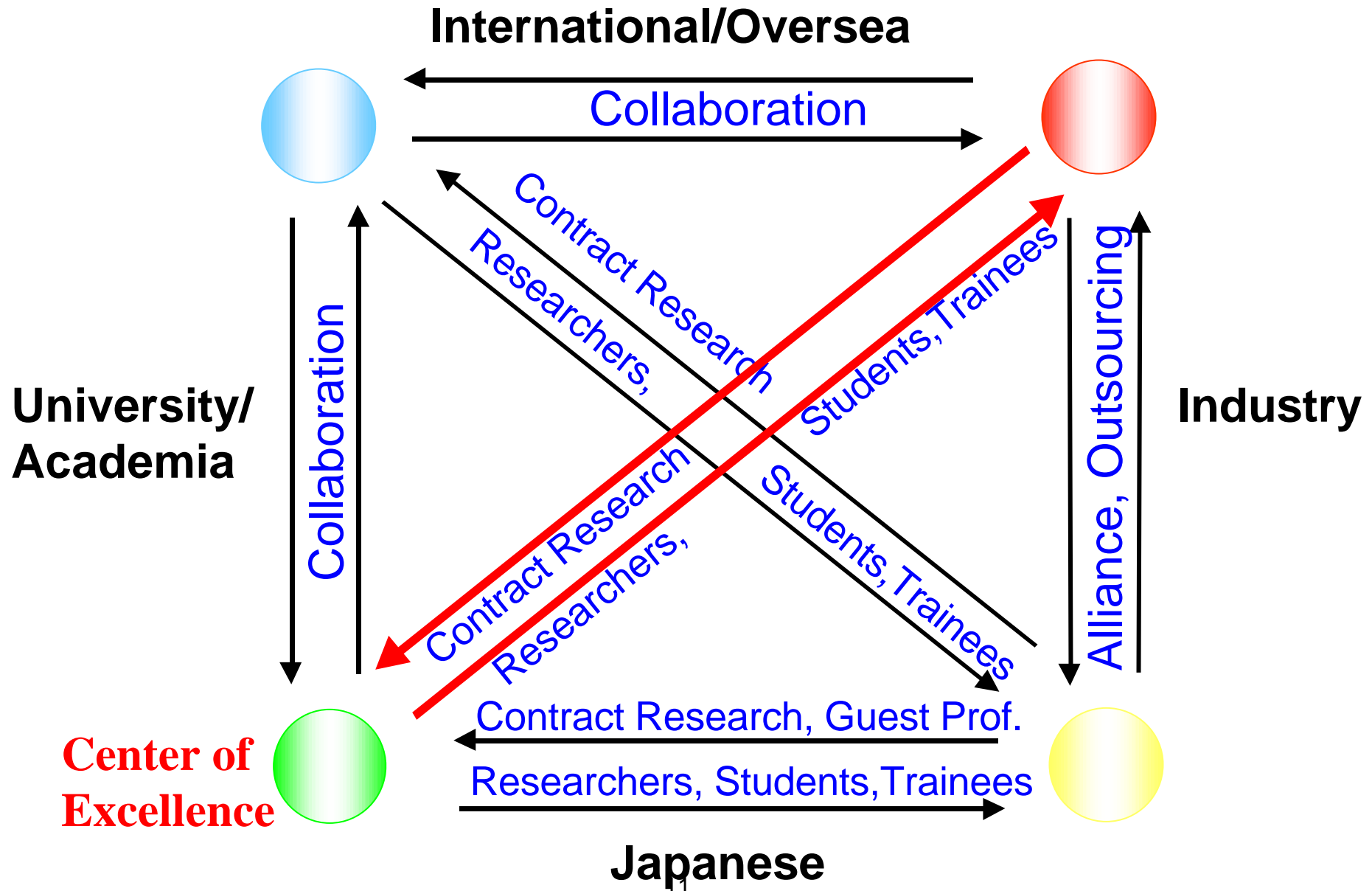
**Good strategy to establish a “Center of Excellence” !**

# Collaboration with Technical University Munich

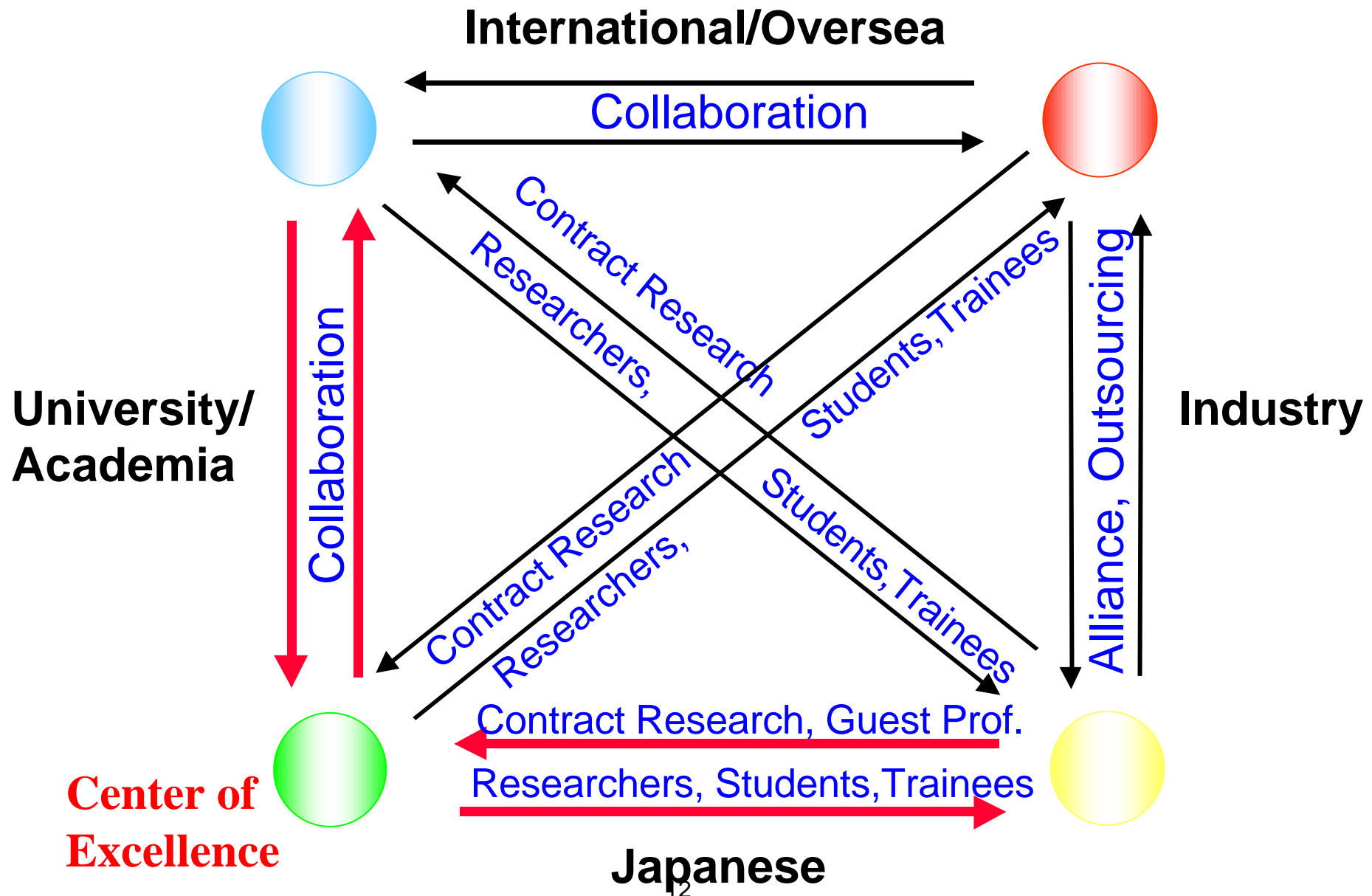
Fujitsu Laboratories :Bavaria Local Government Fund = 3:2



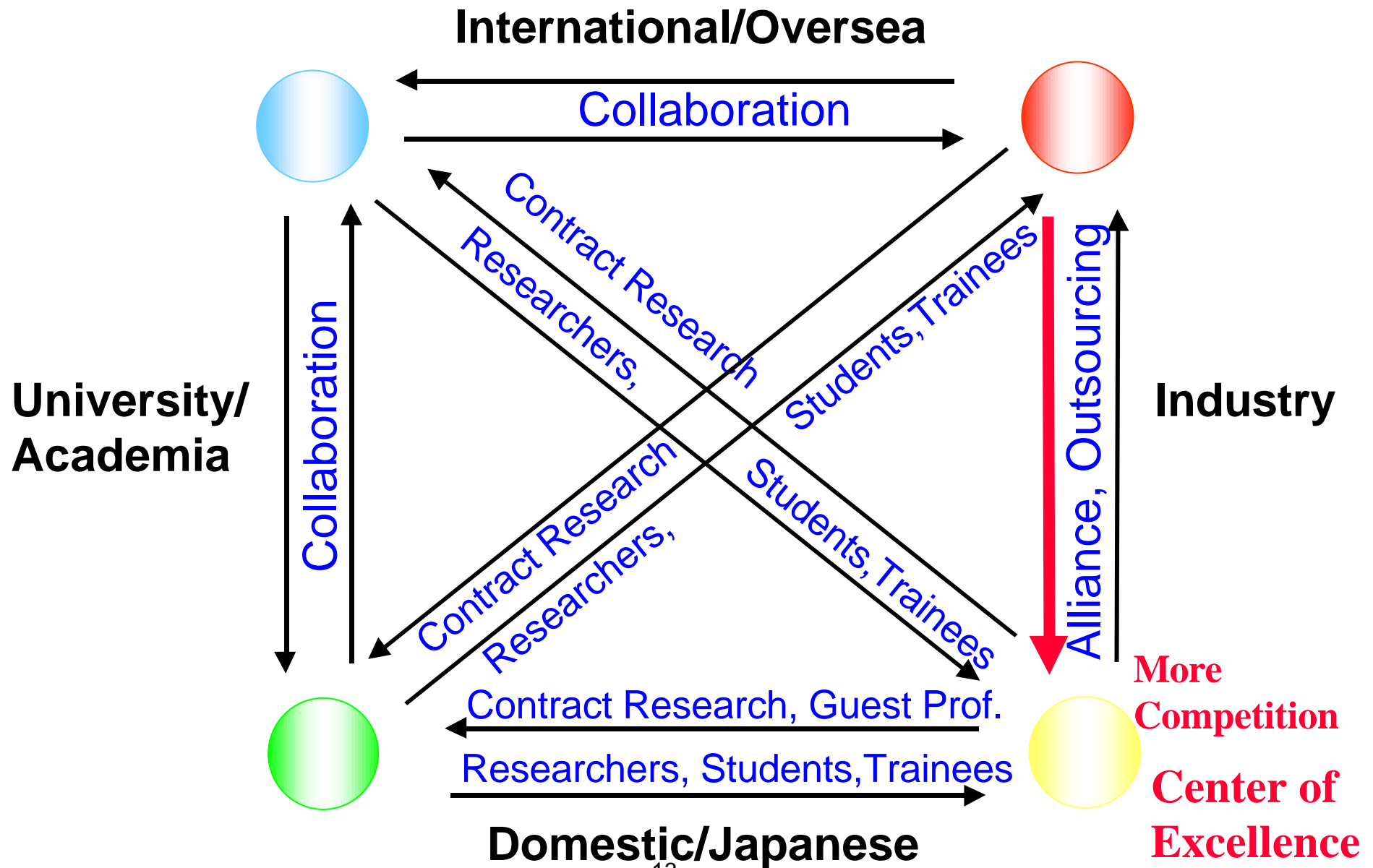
# More Value in Japanese Universities by Global Collaboration (1)



# More Value in Japanese Universities by Global Collaboration (2)



# Invite more Industry Activities to Japan



# **Globalization for more Value in R&D**

- **Make ourselves more attractive for Researchers**
- **Universities to invite more overseas Researchers to make themselves Center of Excellence**
- **Universities to invite more Industry partners to connect Technology Value-Chain (including overseas industries)**
- **Industries to work with Universities more tightly to connect Technology Value-chain and to access future Human Resource**

**Thank you!**