

ADB

# University-Industry Collaboration – Asian Development Context

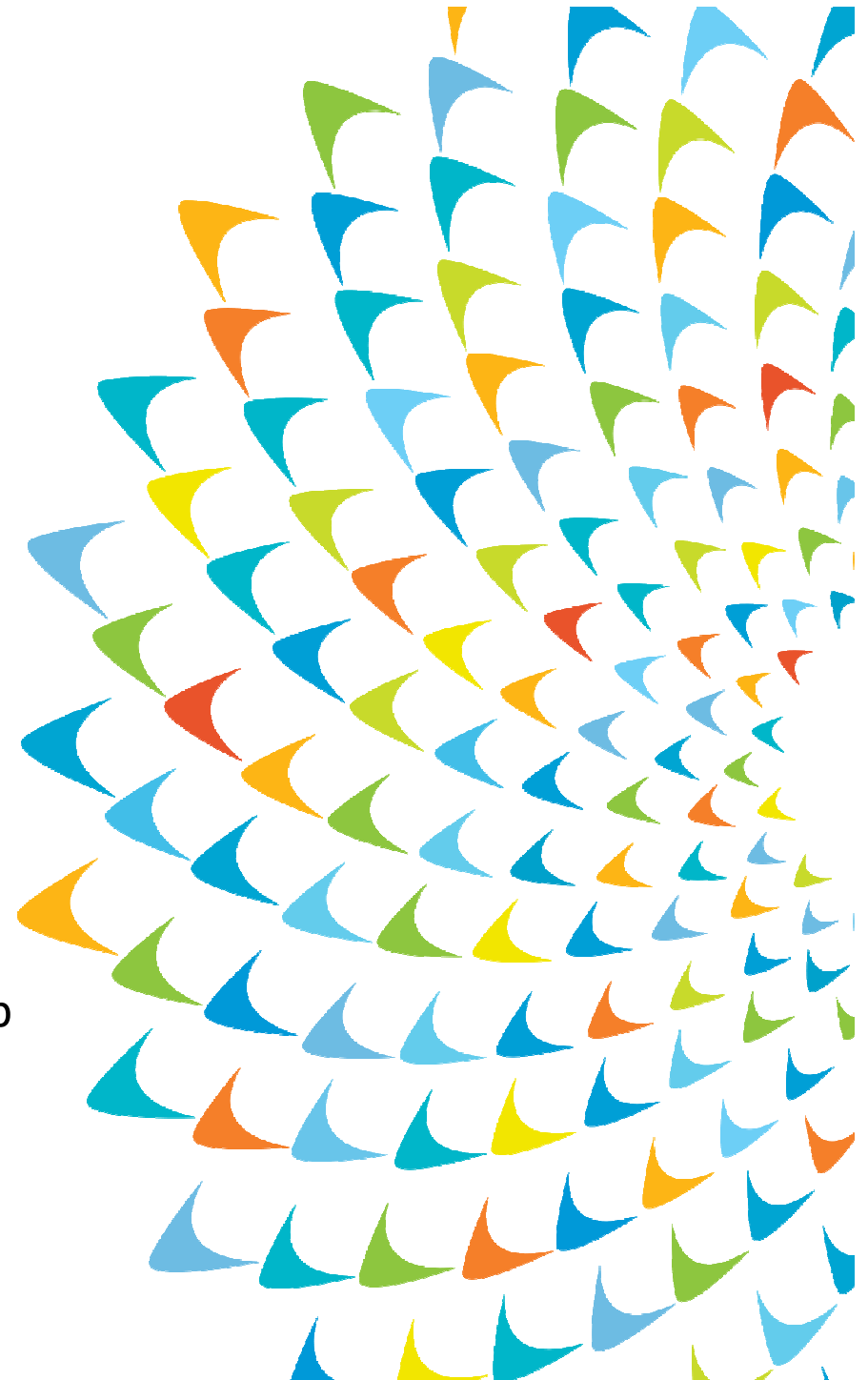
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Development Division  
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**AlmaLaurea Conference 2019**

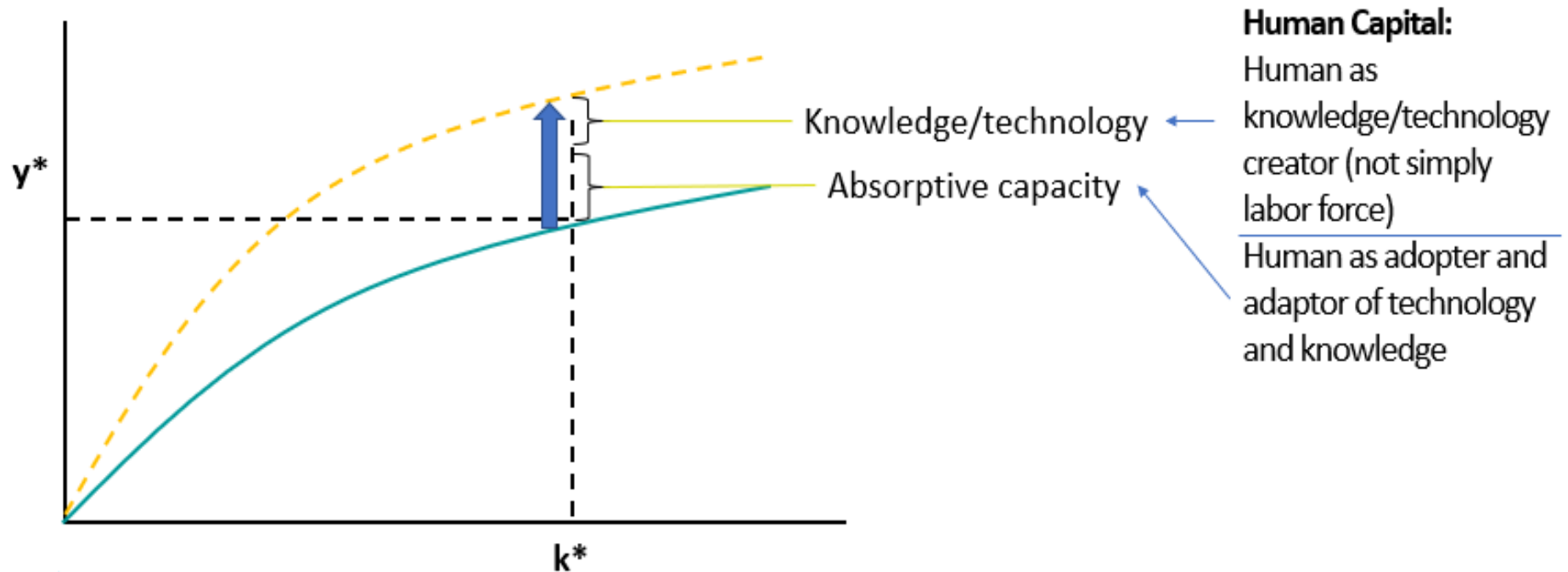
Sapienza University of Rome

6 June 2019





# UIC and Human Capital



$y$  = output/labor,  $k$  = capital/labor.



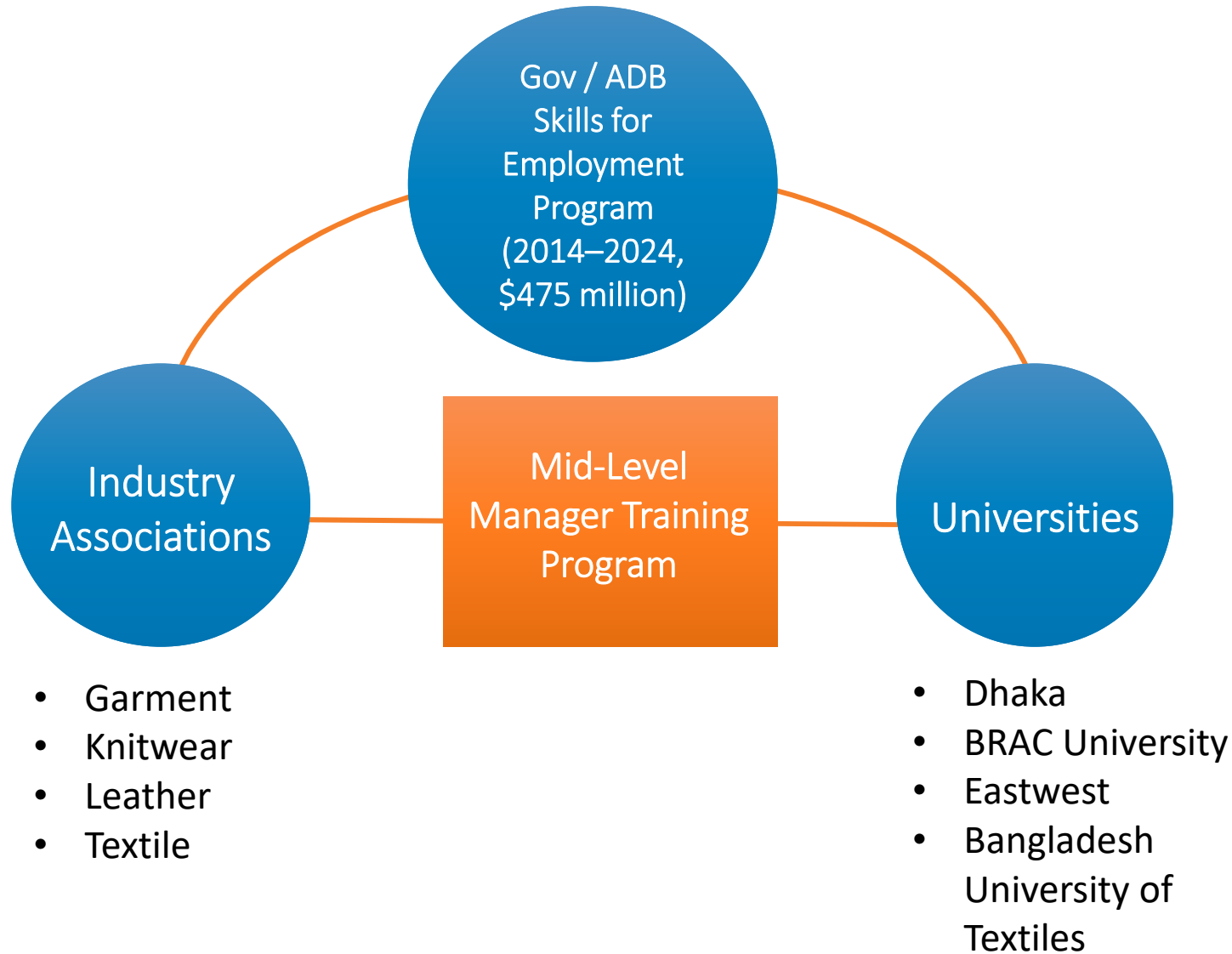
## Five Key Ingredients of UIC

- Local presence of industries and universities
- Corporate and public R&D intensity
- Human Capital / Skills
- Availability of and experience with proof-of-concept vehicles and funding
- Understanding of intellectual property rights

\* Rocky Lee and Sungsup Ra (2019)

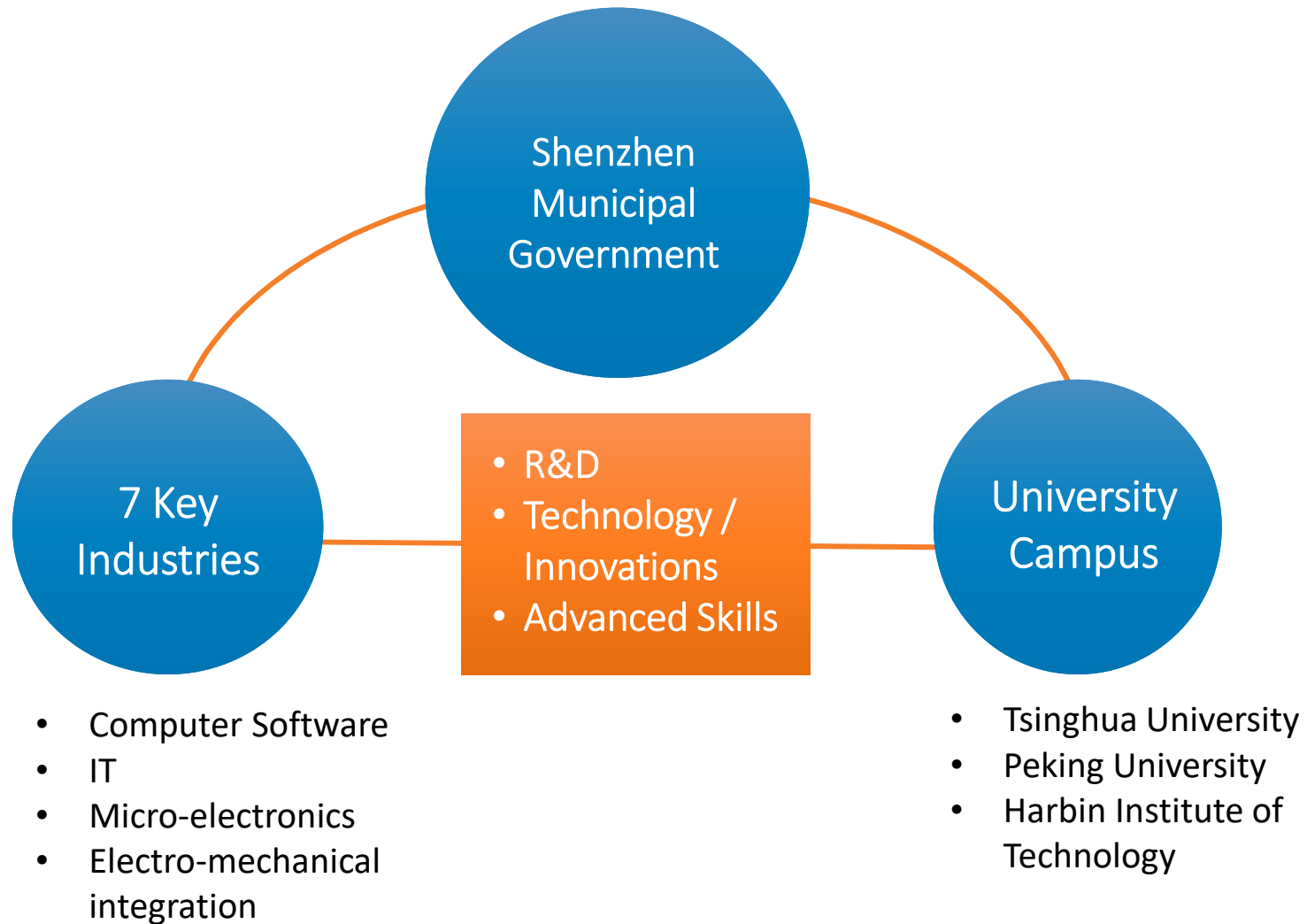


# BAN: University-Business Association Collaboration





# China: Shenzhen Economic Zone Model

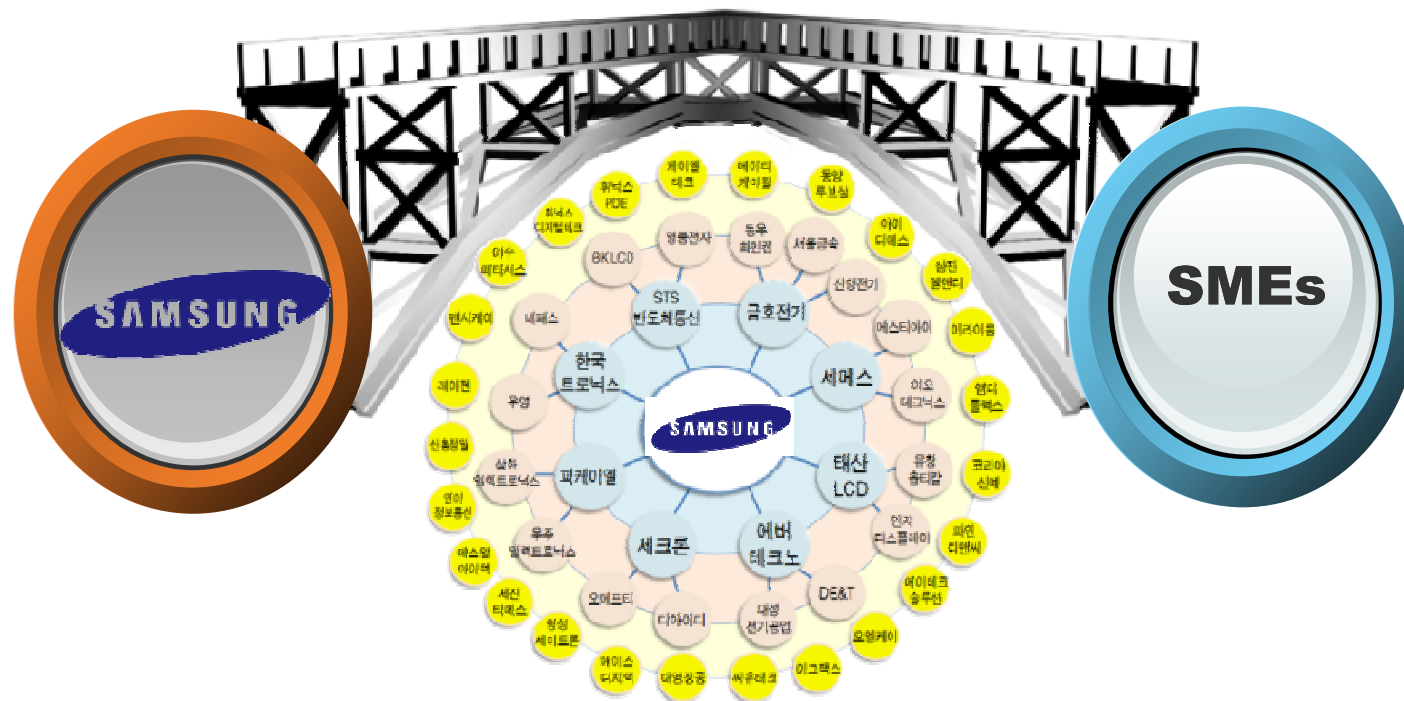




# Korea: Bridge Model

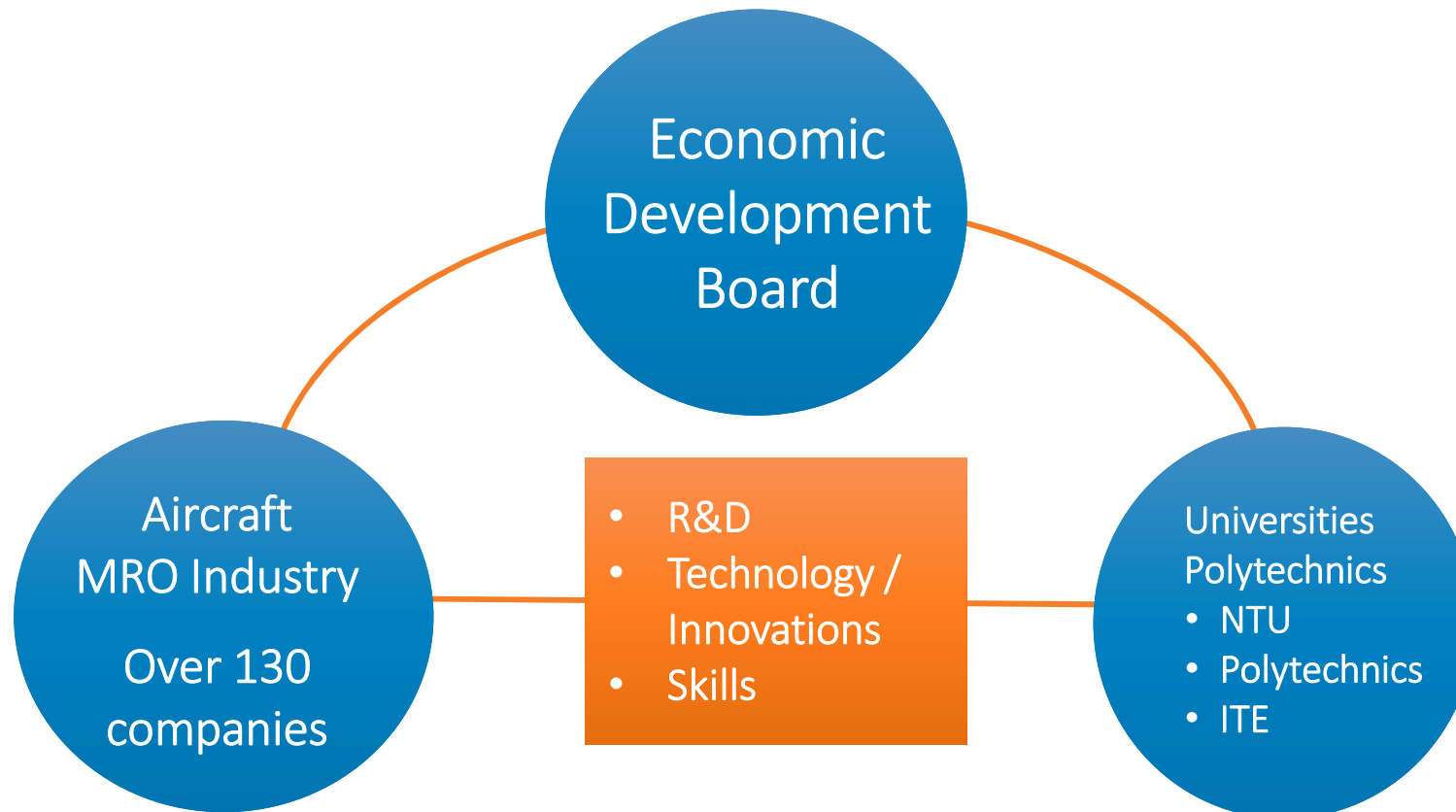
Bridge Model – universities serve as bridge between big industries and SMEs to reduce skills technology gap, e.g., Yeungjin College, Korea

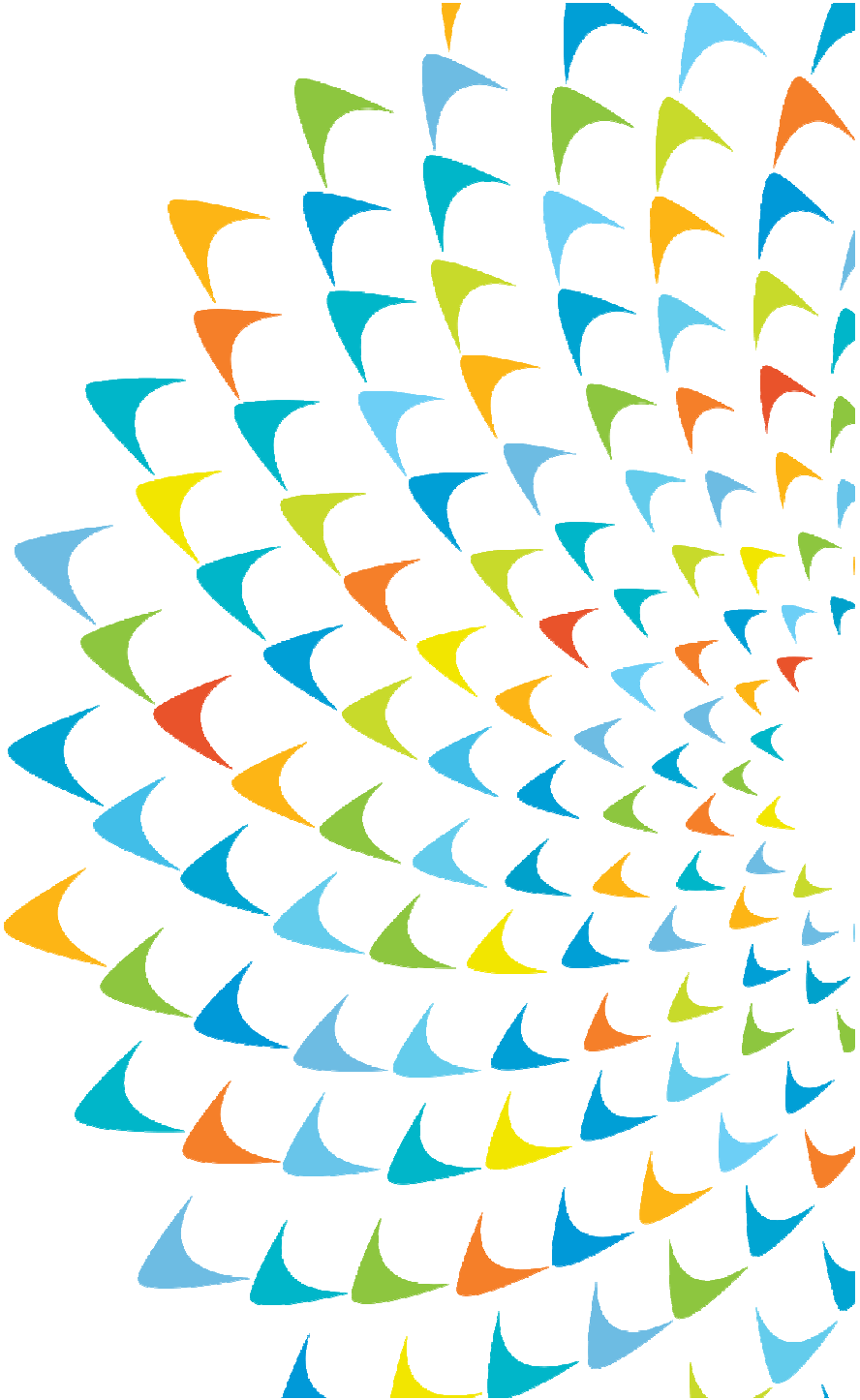
## BRIDGE MODELS





# SIN: Forward-Looking Model





Thank you.

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