

MULTIPLIER – MULTIPlying Impact Leveraging International Expertise in Research Missions

Strategic international missions to accelerate discovery

Scalable teams of external and internal experts



Topics identified by data analytics and experiential knowledge

Collaborations initiated or expanded when appropriate

MULTIPLIERs

Programmatic Outcomes

UK & Germany: Synthetic Cell (*June 2018*)

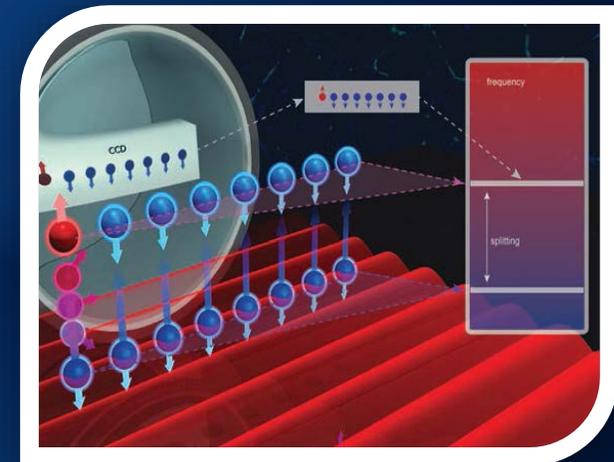
- *Ideas Lab, Research Coordination Network*

Japan: Quantum Leap (*October 2018*)

- *Workshop to develop collaborations*

UK: Quantum Leap (*September 2019*)

- *Multiplier to formalize our collaboration in Quantum with UK Research and Innovation*



MULTIPLIERs

Underexplored Opportunities

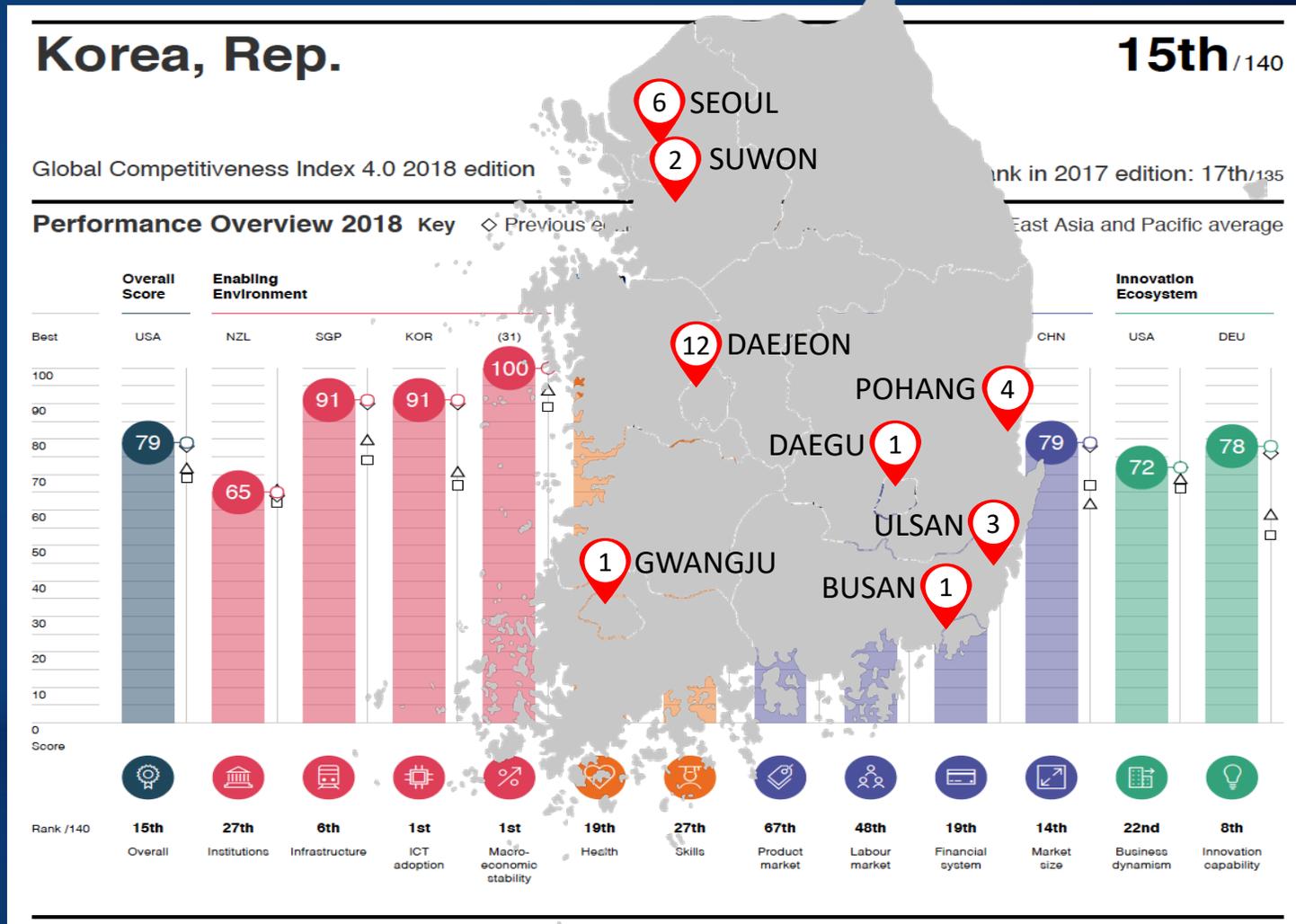
- Chile
- South Korea
- South Africa



Future Multiplier: South Korea

Materials, Chemistry, Nanotechnology

- Economic Indices
- Publications
- Investments



Global Competitive Index

Credit: World Economic Forum



Future Multiplier: South Africa

Astronomy, Biodiversity, Education Research

- Economic Indices
- Publications
- S&T Continental Leader



Rank /140	67th	69th	64th	85th	57th	125th	84th	74th	55th	18th	35th	56th	46th
	Overall	Institutions	Infrastructure	ICT adoption	Macro-economic stability	Health	Skills	Product market	Labour market	Financial system	Market size	Business dynamism	Innovation capability

Global Competitive Index
Credit: World Economic Forum



Conclusions

MULTIPLIERs:

- Expand our geographic footprint
- Provide deeper understanding of specific research areas
- Provide opportunities to be strategic and proactive
- Enable cross-directorate cooperation

