

[2016 REI 5th anniversary international symposium]

Smart Energy Belt towards de-carbonization of ASIA

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2016.09.09

Greeting



白露 The beginning of autumn



First mission, Electricity saving campaign



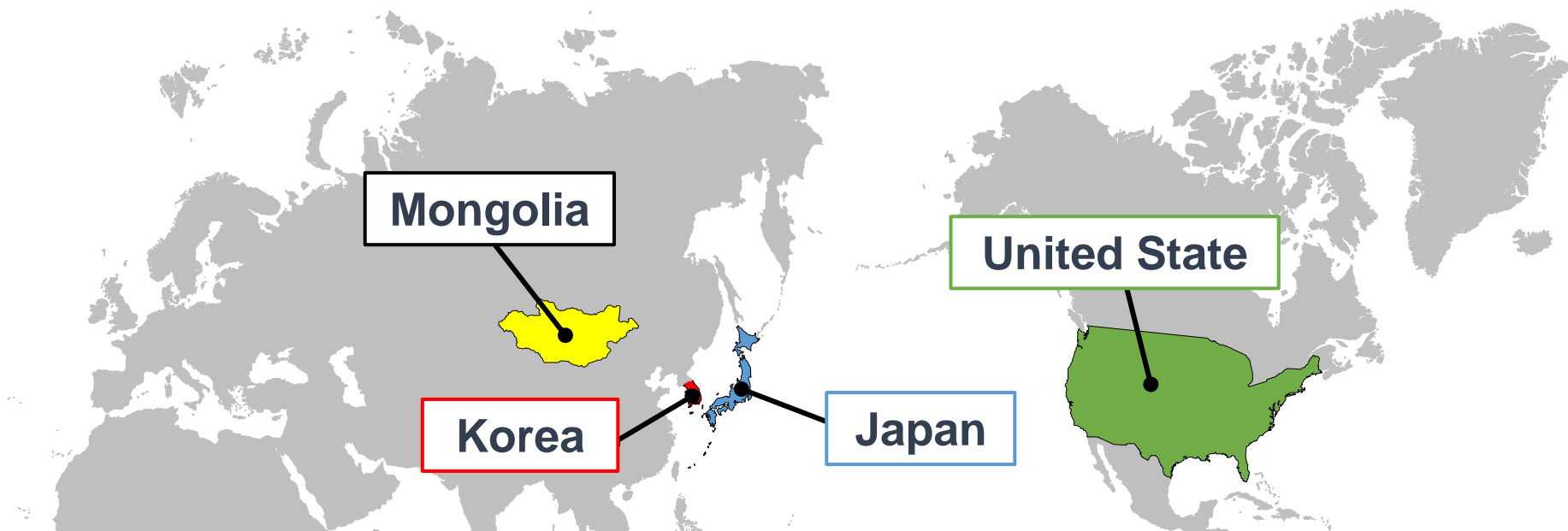
2013 DAEGU WEC



ZEITGEIST

[時代精神]

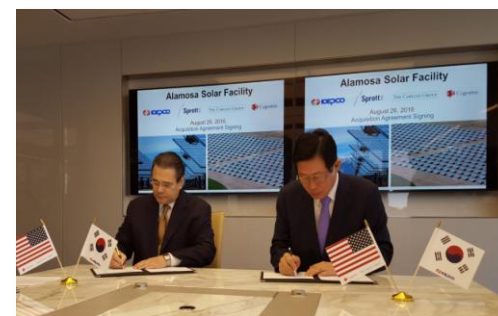
Renewable Energy



Solar in Japan
April, 2016



Mongolia
July, 2016



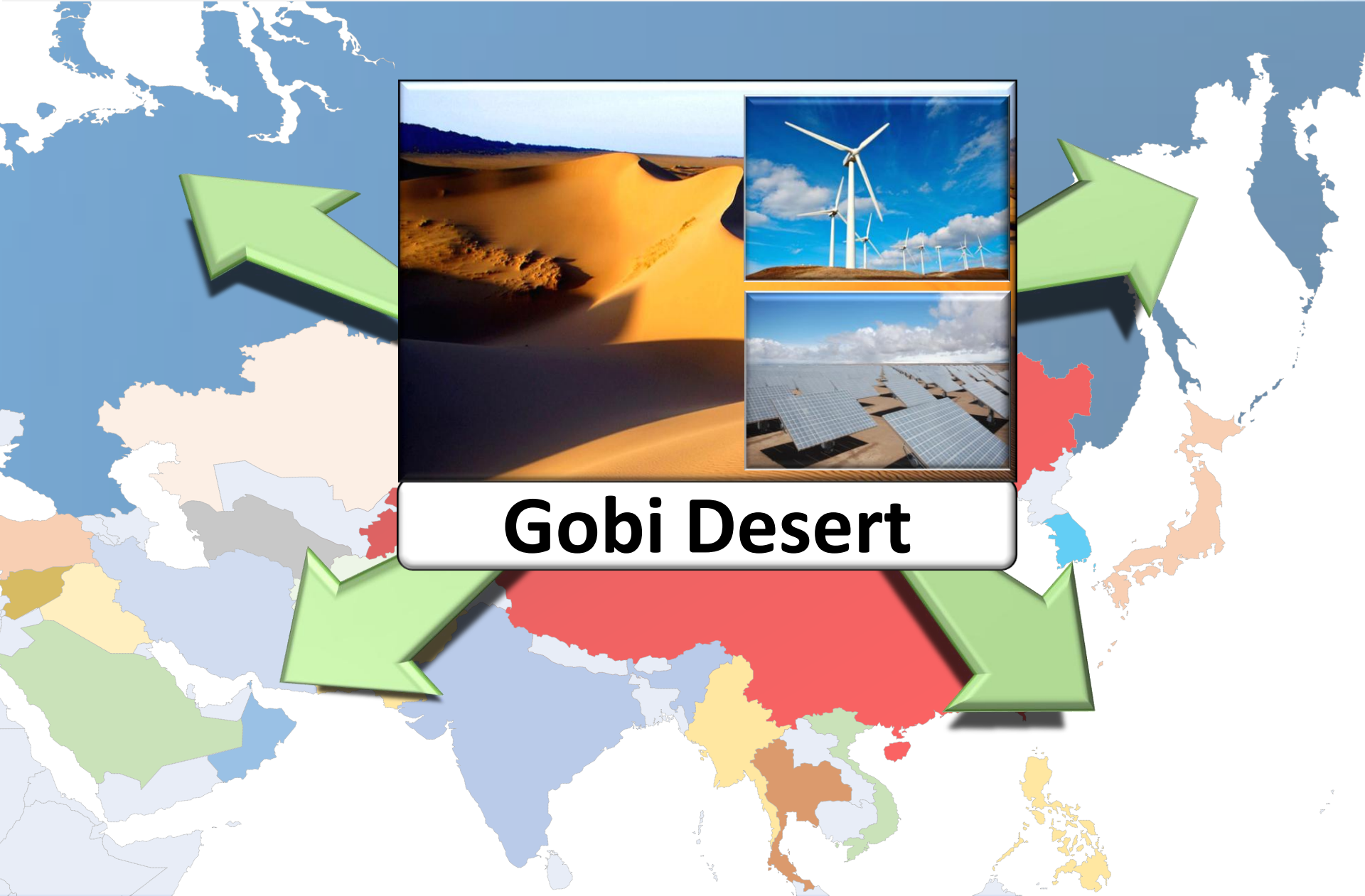
Solar in USA
August, 2016



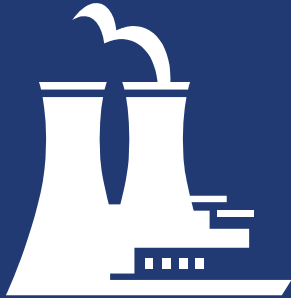
Gobi, Clean Energy Valley



Gobi Desert



Energy efficiency



Generated

Loss = \$ Money



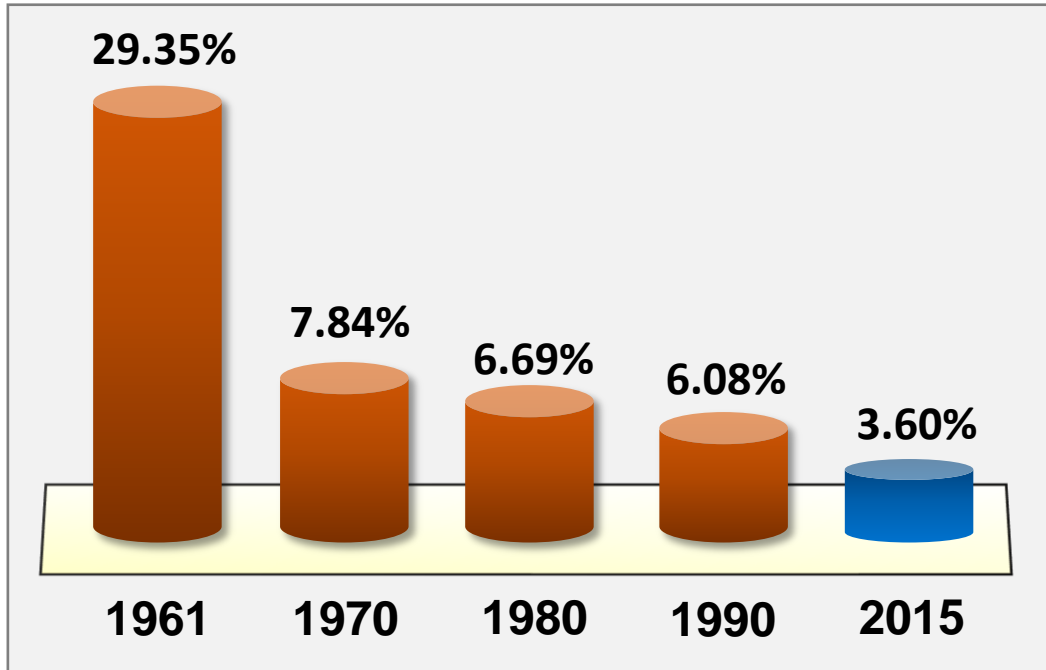
SOLD

Energy efficiency



Energy efficiency

■ **Loss Rate(%)** (Statistics of Electric Power in Korea, 2016)



3.60%

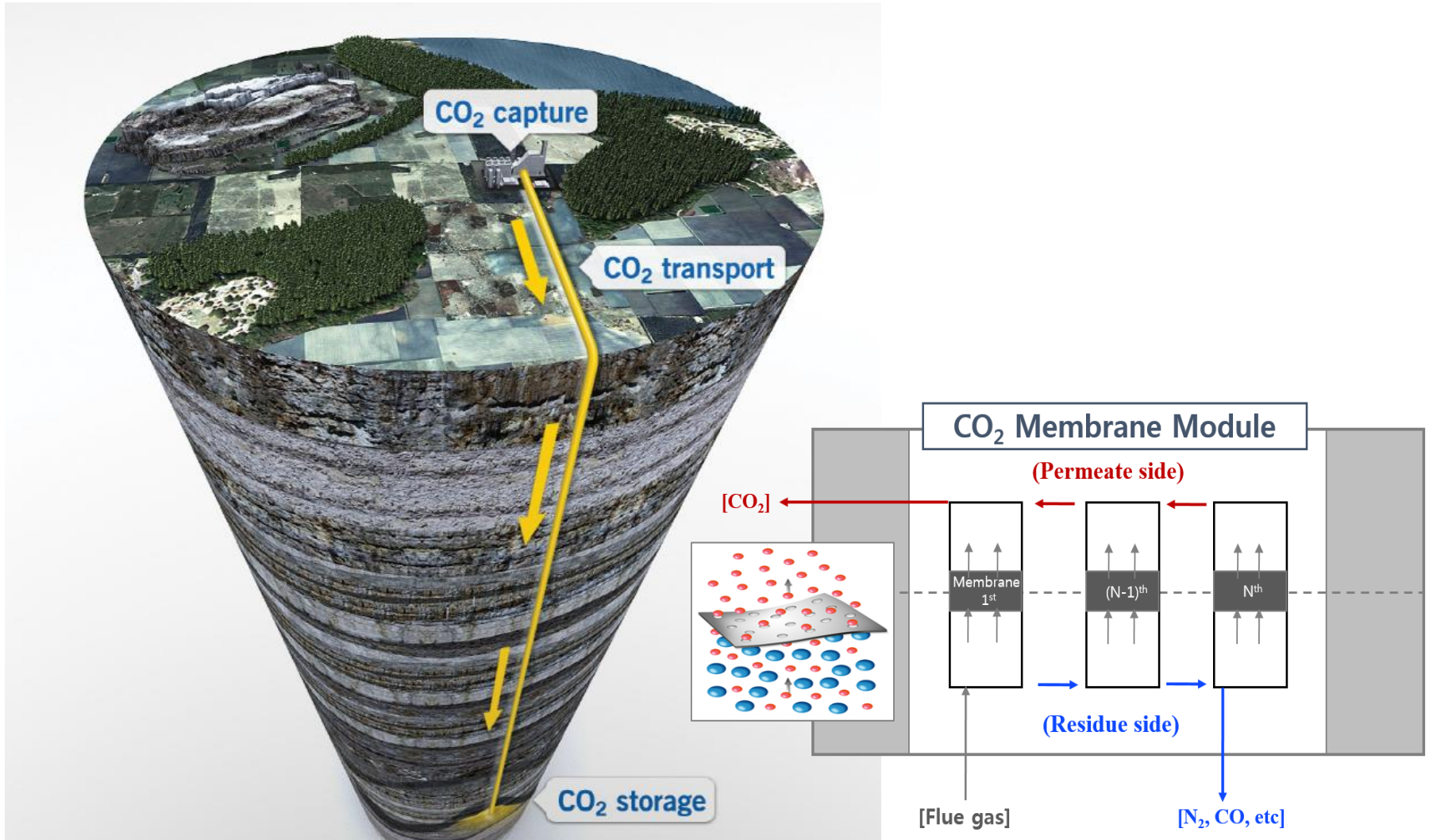
Archived a transmission and distribution loss rate

Superconductivity



Gochang Power Test Center

Carbon Capture & Storage

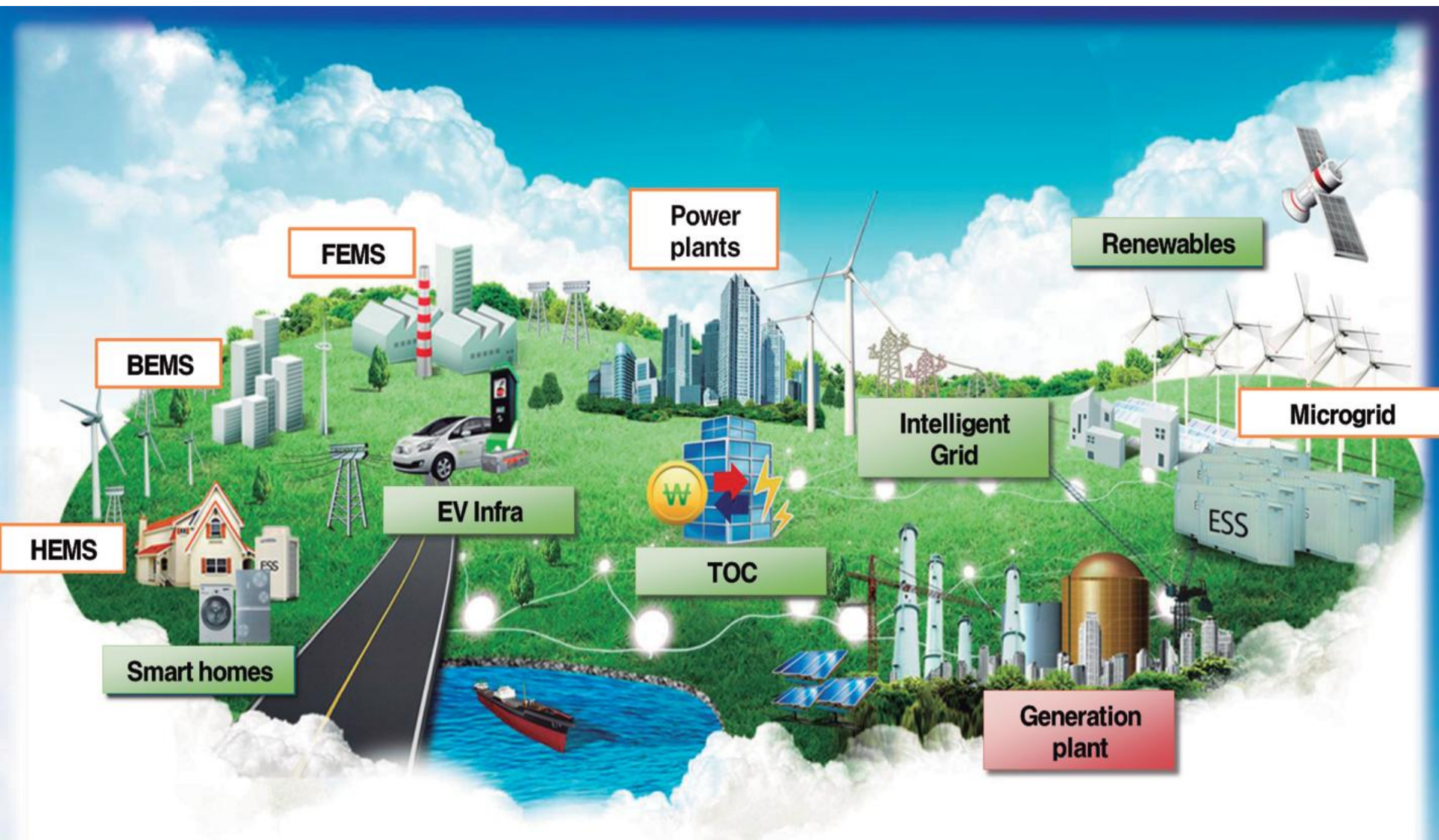


Energy Storage System



154kV Gyeongsan S/S

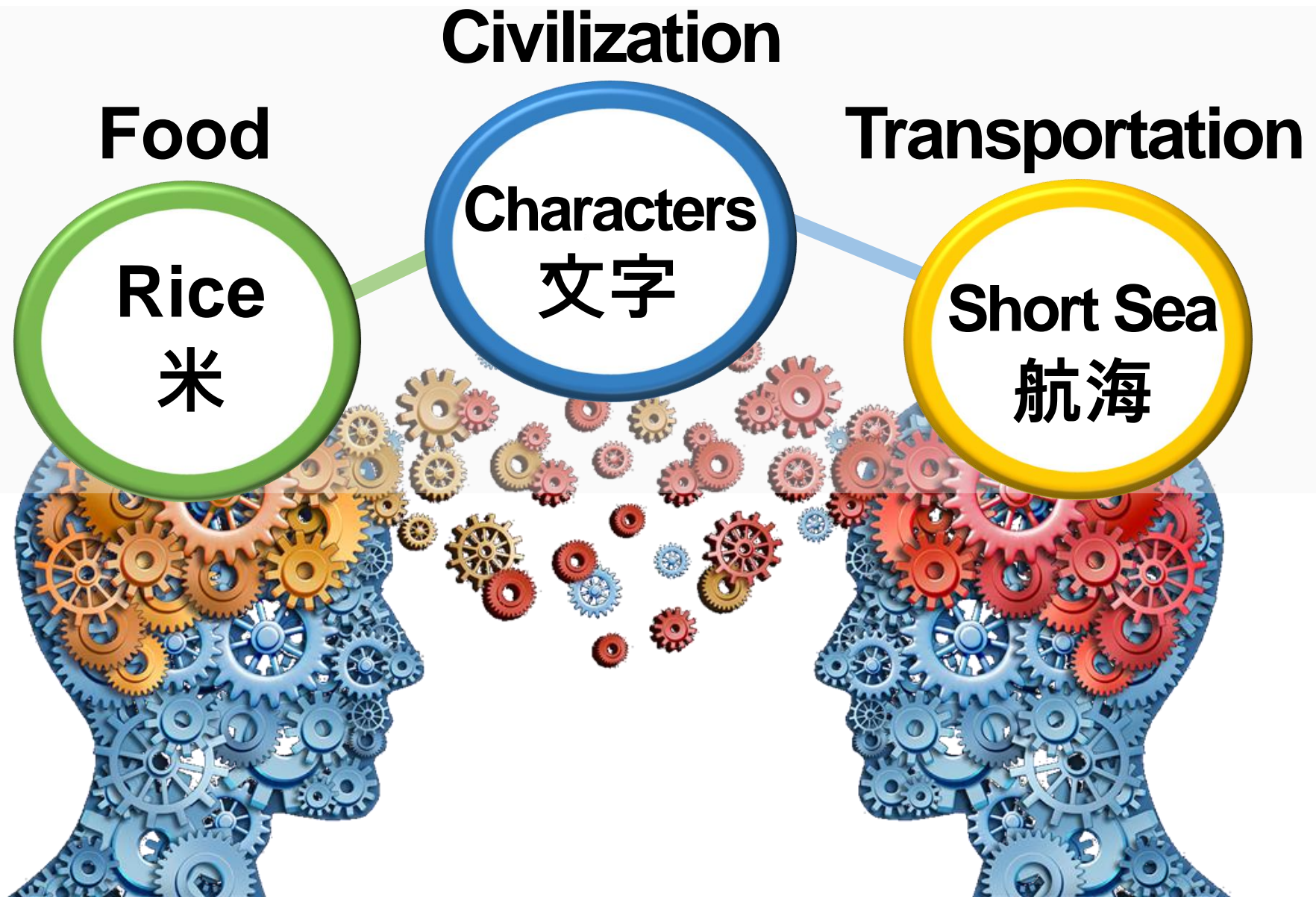
Smart City & Carbon Free Island



Supergrid, Smart Energy Belt



Shared Value in Asia



Rice, Source of energy



The great wall of China with rice



Sushi with rice



Linguistic Homogeneity

電力



Short Sea - Energy Transportation



Asian Interconnection with simultaneity

China ↔ Korea ↔ Japan



Smart Energy Belt





Thank you!