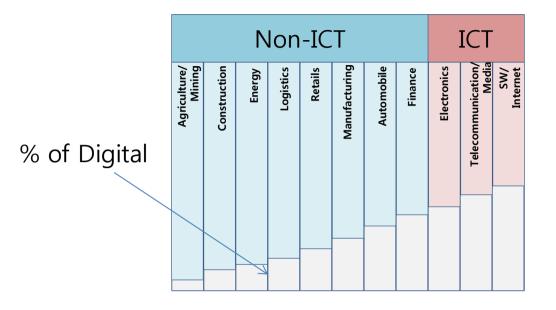
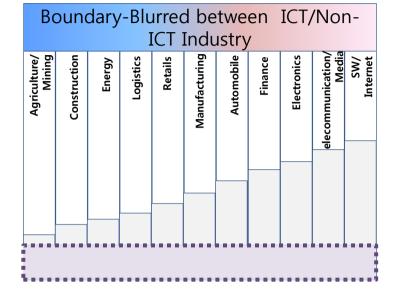
Korea's Challenges in the age of digital Transformation

- Recent Innovation Policy Agenda under new administration

Byeongwon PARK STEPI, Korea

Digitalization → Core Innovation Driver



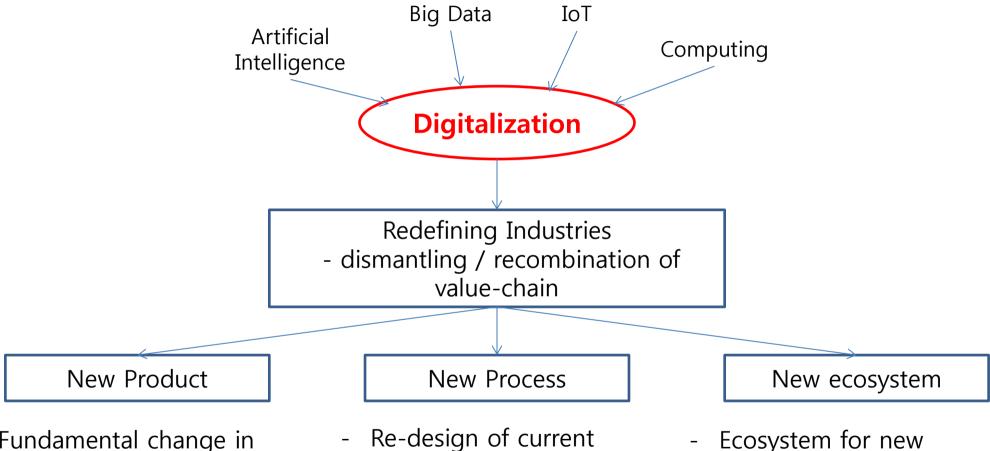


- Digitalization : Not a core function, rather complementary functions to increase operational efficiency
- Taken as a cost center

- All industries becomes ICTindustry
- Digitalization : Critical capability to maximize efficiency and impact (must have)
 - Redefine value-creation mechanism
 - Data driven decision-making

Digital transformation

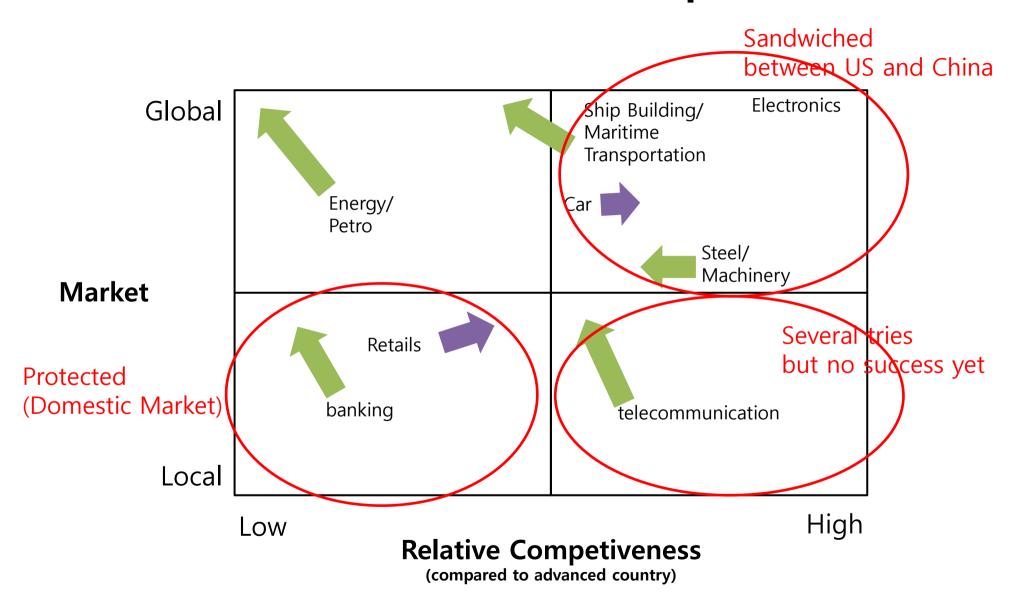
= redefining of industry, goods/services, business model

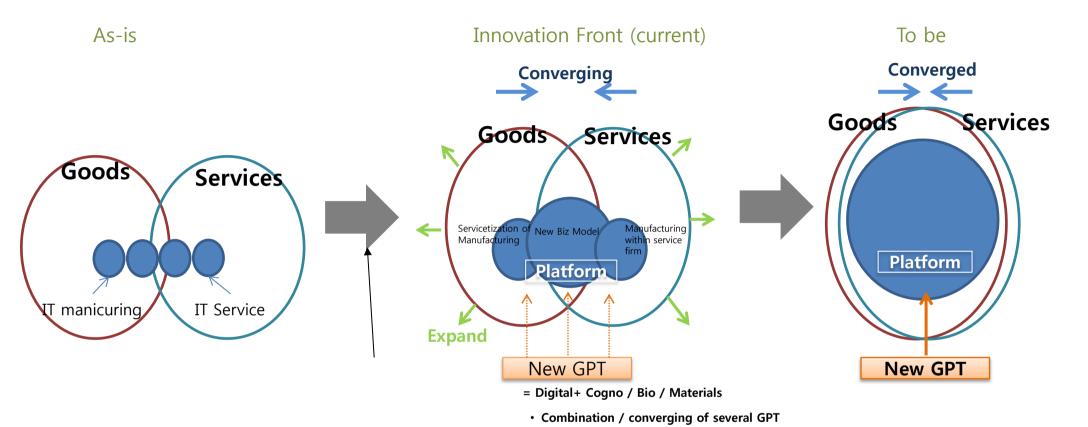


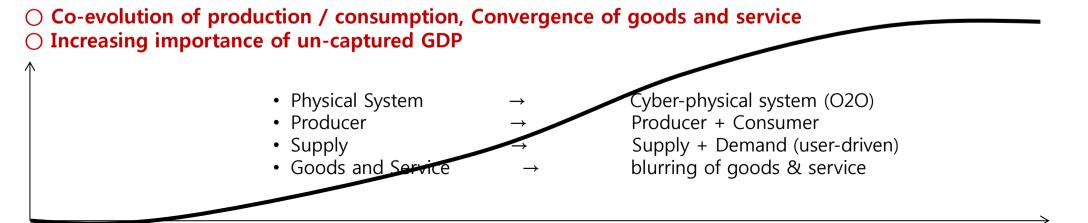
- Fundamental change in value proposition
 - · servicetization

- Re-design of current legacy business process through digitalization
 - Lifecycle / lead time/ cost curve
- Ecosystem for new product/service, process

Shift in Korean industrial portfolio



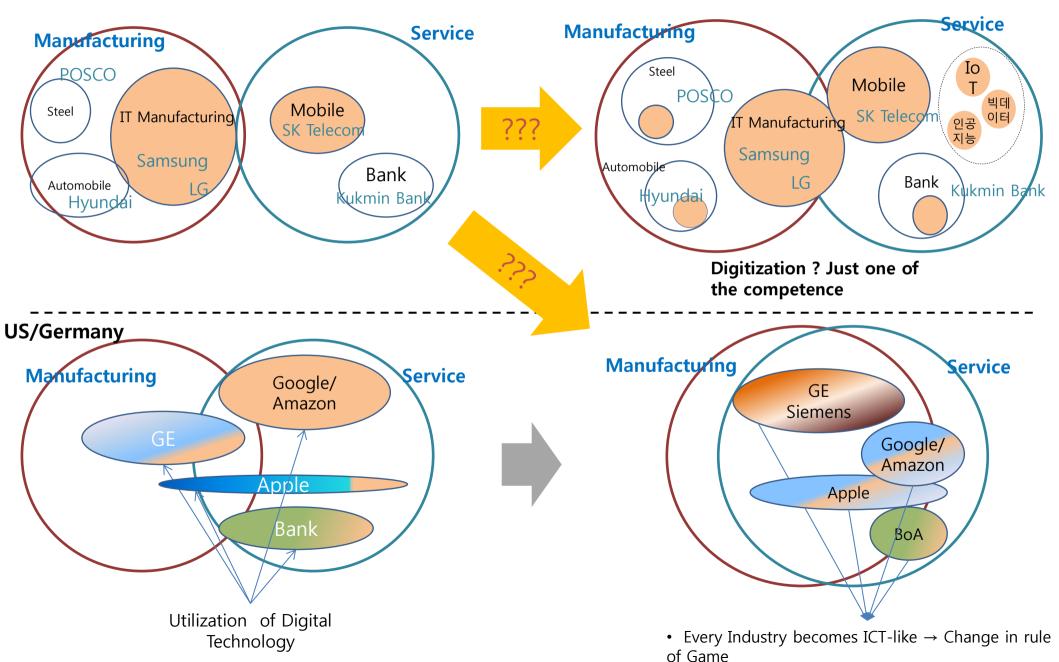




Present

Future

Korea



Innovation Policy Agenda under new administration

- Currently new executive branch is under construction
- Bur several agenda related with Innovation Policy is discussed
- (1) Digitalization: One of three Policy Priority
 - (1) Job creation, (2) 4th IR and (3) low birth rate
 - Creation of so-called "Presidential Committee for 4th IR"
- (2) Re-established "Office of STI" (revived after 9 years)
 - budget coordination, pre-feasibility study, performance evaluation etc.
- (3) New Ministry "Ministry of SM & venture Enterprises"
- (5) Increasing the funding for basic research

END