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Role of River Basin organizations in the Promotion of Water and Green Growth for Better Water Security

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Background of the situation

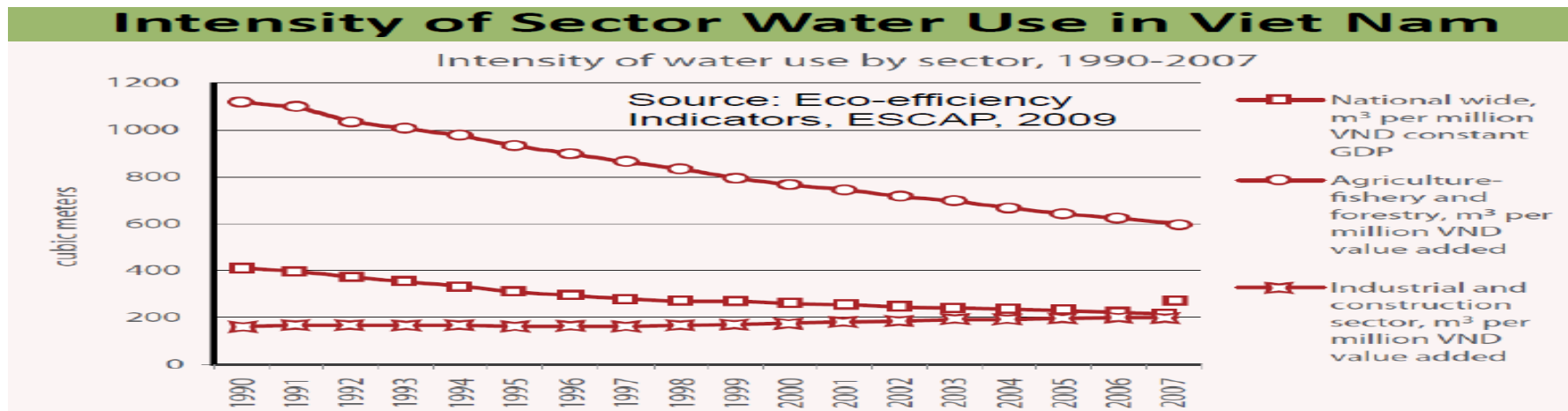
- Asia-Pacific is the World's production centre with continuing high economic growth rate
- Rate of increase in water withdrawals exceeds the population growth rate 2 to 3 times. Per capita water availability at 3,330 m³/yr (<half of world's average)
- Asia-Pacific is facing increasing severity of water scarcity, water-related disasters, rapid deterioration of ecosystems
- Systematic management is only logical at river basin level and Green Growth development approach offer new opportunities for more efficient water resources management.

Green Growth and Basin Development Planning

- Investment in water infrastructure in Asia is a key policy area for economic growth
- Investment in water infrastructure is now facing several major emerging challenges
- These include socio-economic and environmental issues and the climate change.
- Experiences of recently introduced development concept call for a shift in planning paradigm
- RBOs are expected to play key roles in ensuring eco-efficiency for the water infrastructure development in the Green Growth approach

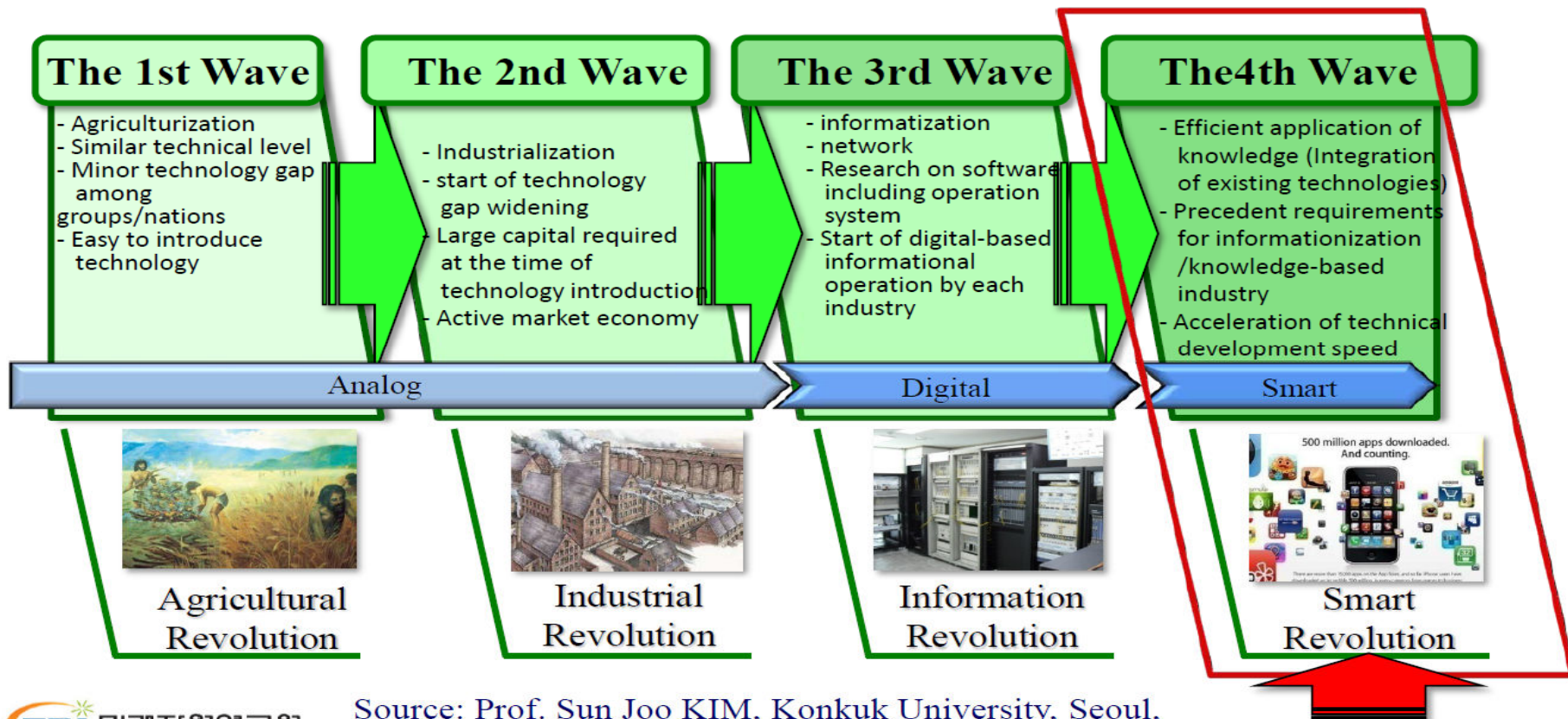
Green Growth & Basin Development with Community Participation

- ❑ Eco-efficient water infrastructure development requires active community participation towards sustainable consumption
- ❑ GG towards inclusive sustainable development must involve the poor in co-managing the basin resources



Green Growth as a New Water Resources Development Paradigm

Transformation Process of Paradigm : Future Forecast



SUMMARY: Green-Growth for Sustainable Prosperity

- Water resources infrastructure must contribute to “GREEN” economic growth for sustained growth
- Infrastructure development needs to go beyond financing issues and engineering aspects to mainstream environmental aspects and eco-efficiency into various stages of development
- RBOs play strategic roles in ensuring consistency and continuity of eco-efficient water infrastructure development with active participation of key stakeholders within river basin context towards the long-term vision of basin development and sustainable prosperity
- Innovative RBOs are logical drivers for basin modernization & “Smart Basin Revolution”