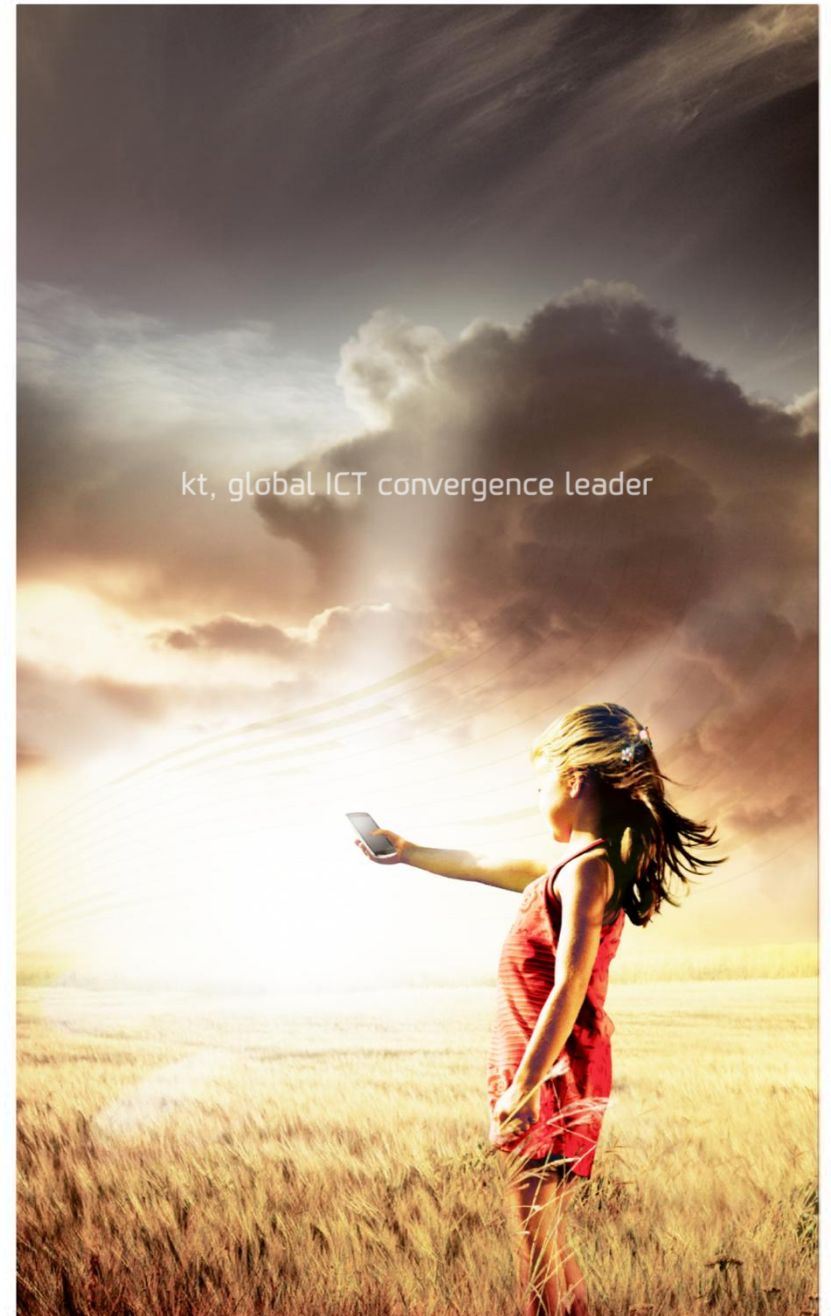


TVWS in KOREA

kt, global ICT convergence leader

Andrew Jun | 2013. 09. 04



01 Current Status of TVWS in Korea

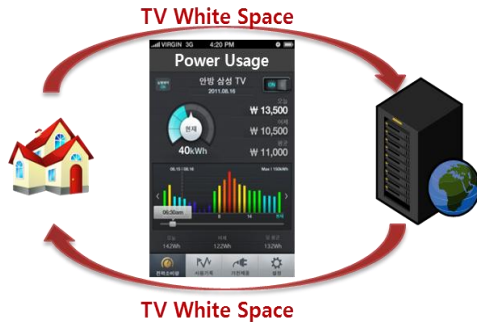
What is TV White Space (TVWS) in KOREA ?

- Locally unused frequencies between 470~698MHz allocated to broadcasting services
- Expected to efficiently utilize unused frequencies for mainly public benefit

Use Cases

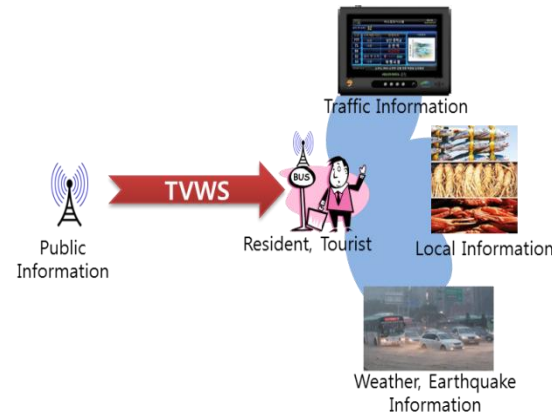
Convergence Service

- Connecting Smart Grid



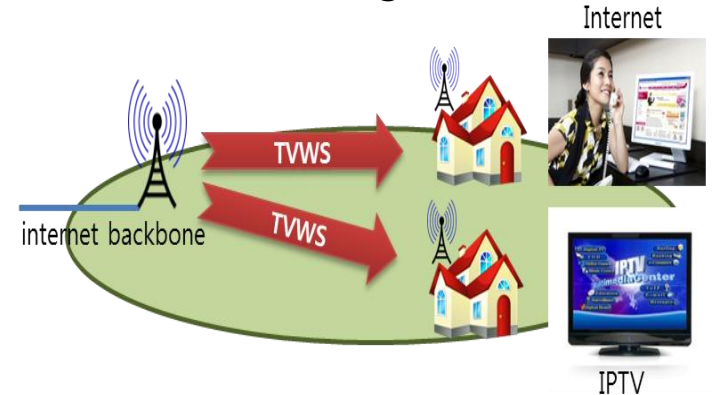
Public Service

- Providing public information



Wireless Service

- Extending internet service



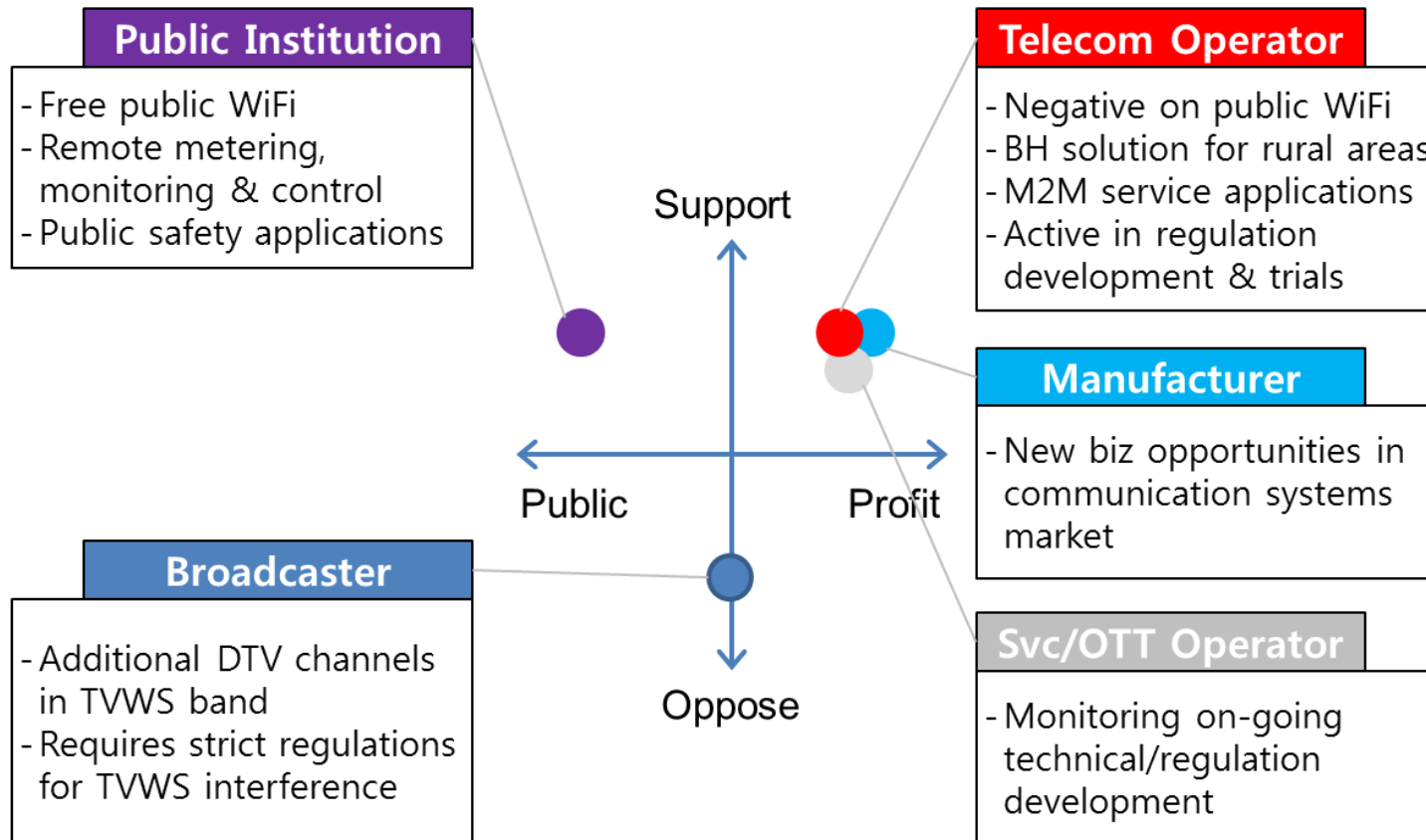
Service Schedule

~2011	~2012	~2013	~2014
<ul style="list-style-type: none"> • Draft Technical Regulation completed 	<ul style="list-style-type: none"> • Feasibility test • Verify Regulation 	<ul style="list-style-type: none"> • TVWS service Trial • Develop TVWS DB 	<ul style="list-style-type: none"> • Establish Regulation • Commercial Service

02 Remaining Issues

Stakeholder's position towards TVWS

- Different players have different expectations – need to converge on the major usage

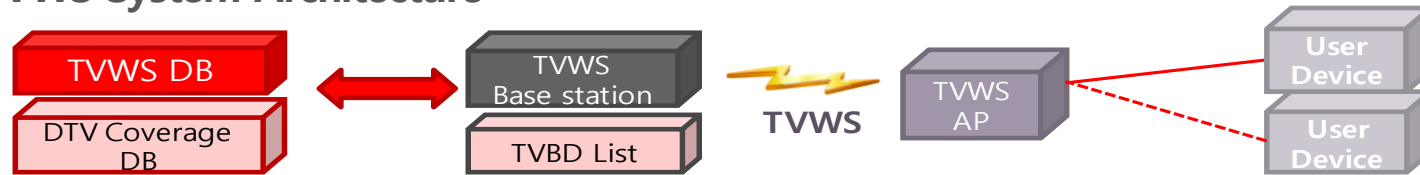


03 KT's Activity in TVWS

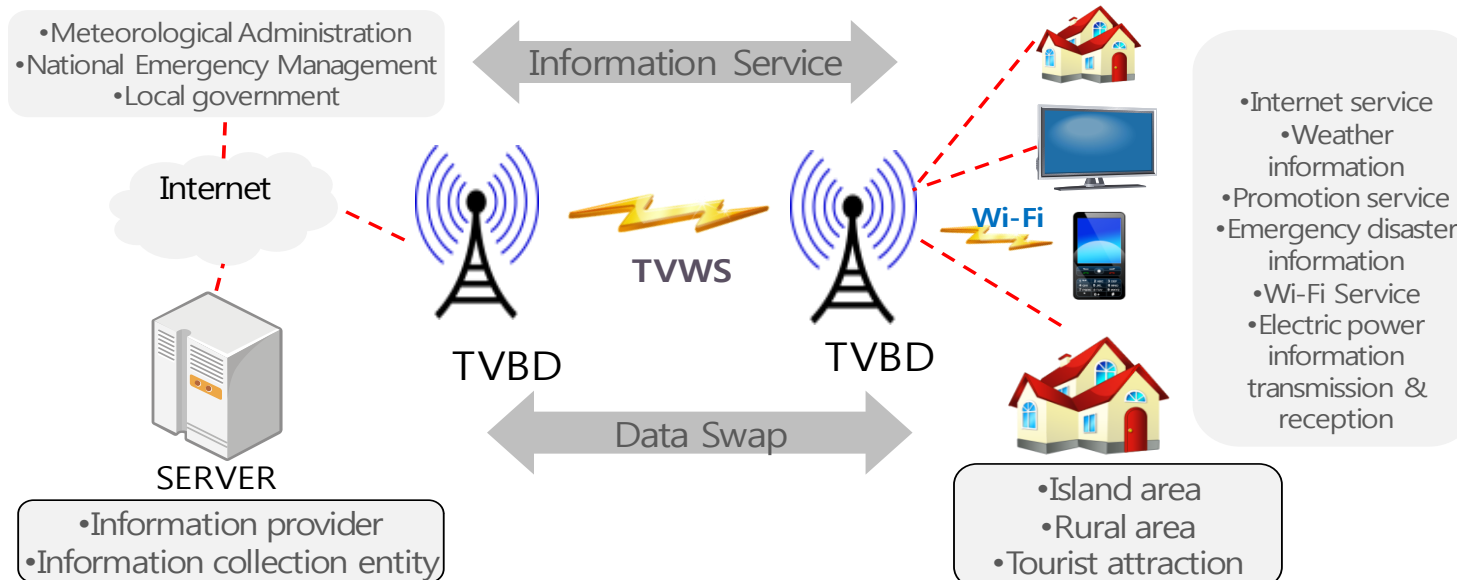
TVWS Service Trial in Jeju Island (2013.07~2013.12)

- Joint project with Jeju city and domestic vendors, sponsored by MSIP¹⁾
- Backhaul and information sharing service with Smartphone App. development for DB interworking

TVWS System Architecture



TVWS Service Model



Thank you

