



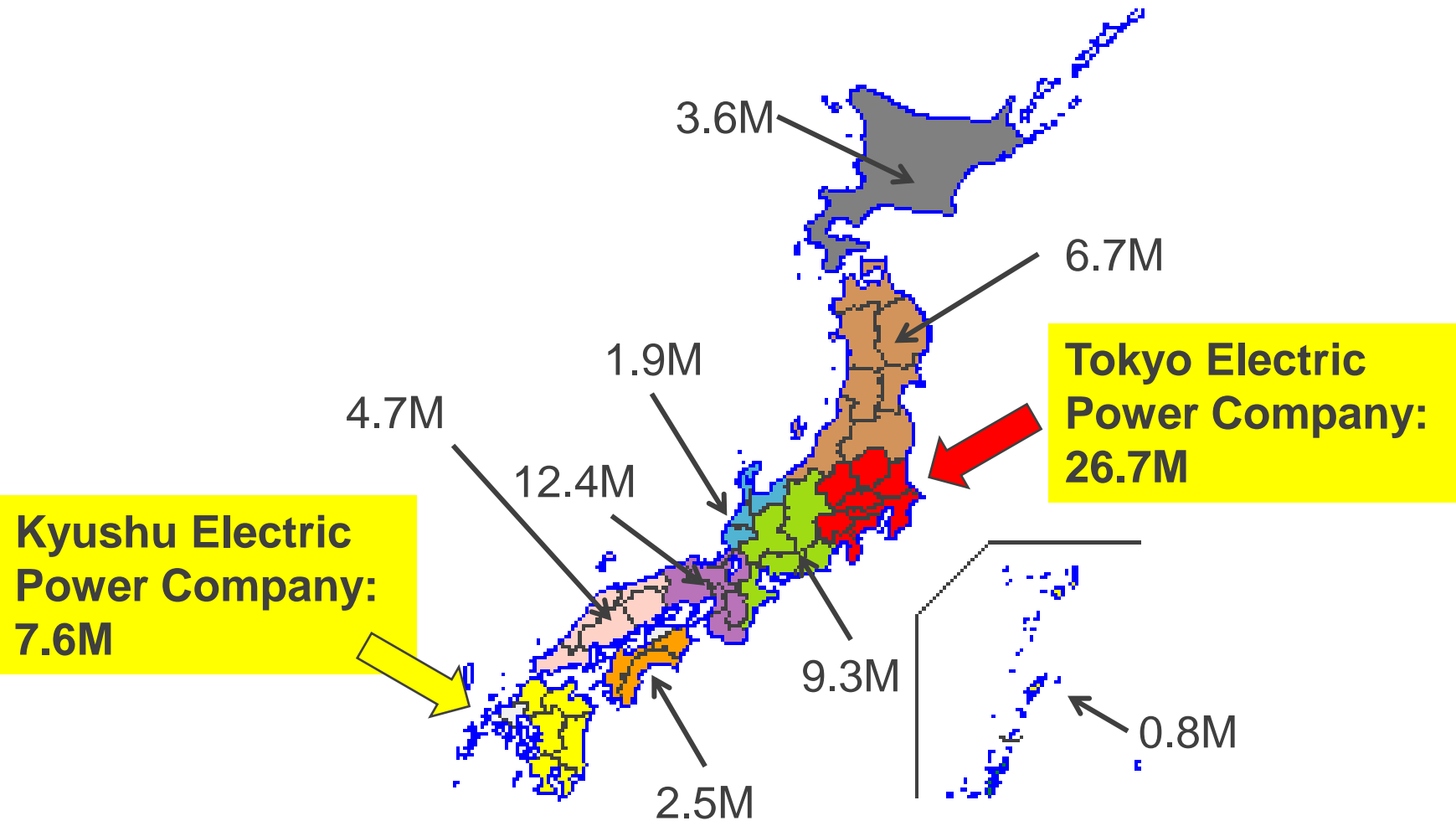
Partnering with Utilities to Power Smart Grid Networks

40+ MVNO Relationships

- UQ Communications operates on a wholesale model, supporting many partners across Japan
- Currently mid-trial with Kyushu Electric Power Company (7.6 million smart meters)
- Proposed plan to support Tokyo Electric Power Company (26.7 million smart meters)

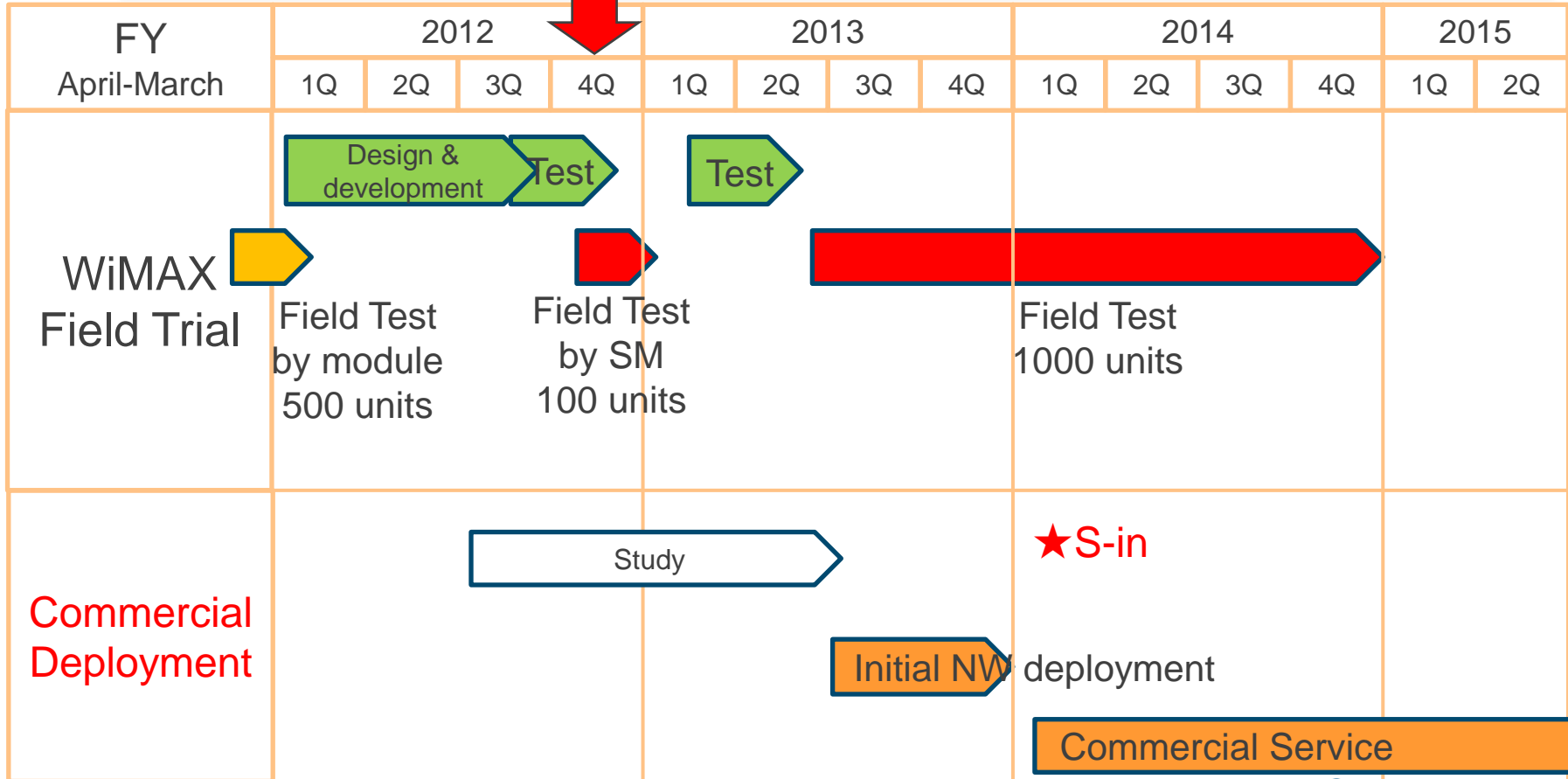
Electric Power Companies in Japan

Total number of consumer market : 76.3 M



Kyushu Electric Power Company WiMAX Smart Meter

- Announced that WiMAX will be used if field test is successful
- About 7 Million meters for 10 years deployment
- 2013~2015: about 0.3M meters/year
- 2016~ : about 0.8M meters/year



Kyushu Electric Power Company WiMAX Smart Meter

- WiMAX Smart Meter field trial
 - UQ WiMAX NW and certified modules
 - Residential area test
 - Urban apartment test
 - Indoor testing



WiMAX testing in an actual meter box

WiMAX module is mounted on a conventional meter, which is not a WiMAX embedded smart meter.



WiMAX embedded Smart Meter developed by KDDI

- ✓ certified model different to the Kyushu field trial
- ✓ apply to TEPCO POC test