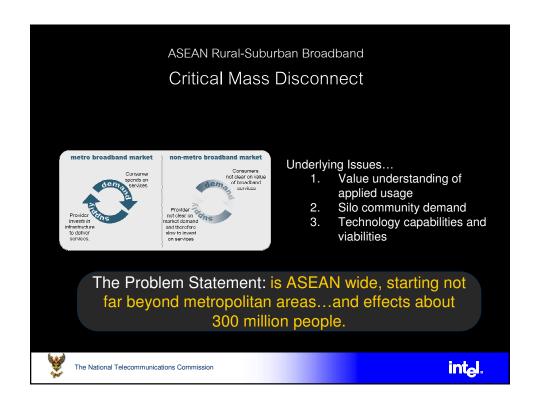


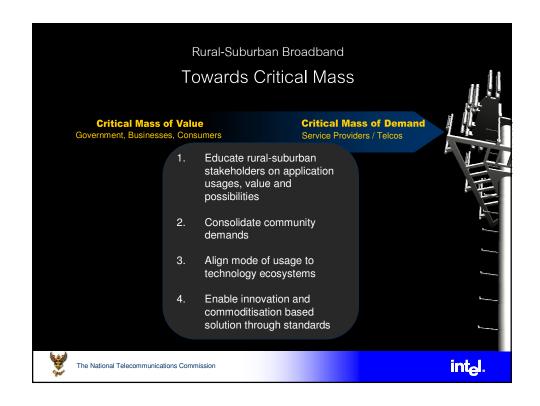


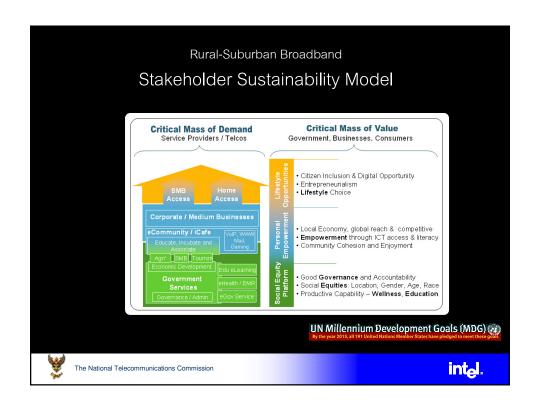


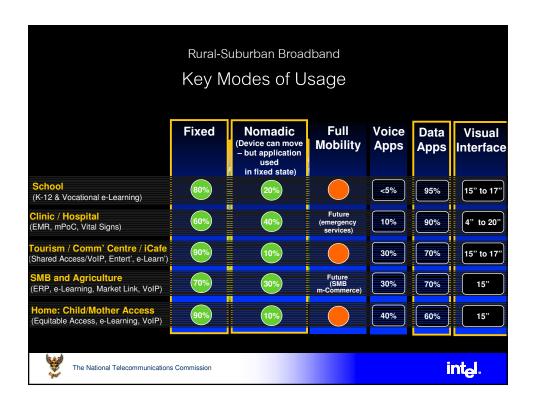
...how relevant is the ICT industry to these goals? ICT... "a fundamentally generic technology, that will likely have the greatest impact on achievement of the goals." Lead author. Caleston Juni, Coordinater Level author. Caleston Juni, Co

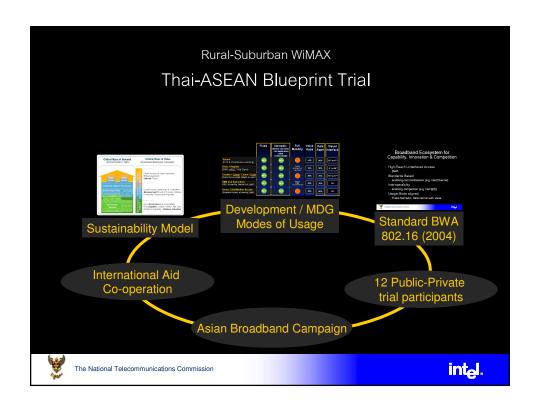












Rural-Suburban WiMAX: Blueprint Trial Objectives

- To validate WiMAX based solutions as an effective and economical broadband technology in specific spectrums
- 2. To validate the capabilities and economics of WiMAX services supporting the Government digital divide objectives in rural areas (USO) and competitive offerings to suburban areas, specifically
 - Enhanced learning and access to education, religion, and local administration
 - Improved healthcare services and quality of life,
 - Incubation & support of small medium businesses
 - Enhanced agricultural productivity and trade efficiencies
 - Facilitate efficiencies of Tourism sector operators
 - Enable equitable and efficient access to data/voice services and the digital economy
- To gain interest and investment into Thailand for strategy, infrastructure and solutions supporting the goals of narrowing the digital divide of rural and suburban areas and reducing rural poverty



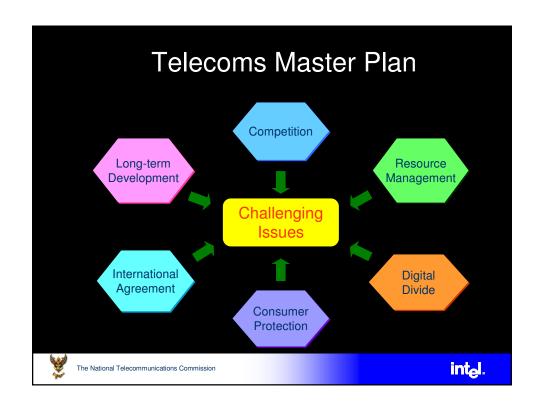


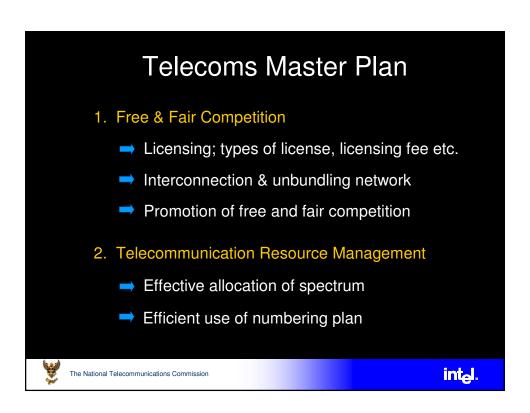
Rural-Suburban WiMAX: Blueprint Trial Trial Participants



The National Telecommunications Commission

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Telecoms Master Plan

- 3. Universal Service Obligation and Consumer Protection
 - Equal access to public telephone and internet network for all villages throughout Thailand at an affordable price
 - Narrow the digital divide between rural and urban area
 - Provide telecommunication services to education, religion, health centre, handicap and elders



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Telecoms Master Plan

- 4. Telecommunication Industry Promotion
 - Promote Thai telecommunications industry to compete regionally
 - Grant of R&D fund for telecommunications development
- 5. International Agreements
 - Multi-lateral: WTO, GATS
 - ➡ Bi-lateral: FTAs



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Telecoms Master Plan

- 6. Specific Telecommunication Promotion
 - NGN, WiFi, WiMAX, fixed and wireless broadband access
 - → RFID
- 7. Preparedness for Emergency and Natural Disaster
 - Implementation and rehearsal of preparedness of national telecommunication network for emergency and natural disaster
 - Promotion of amateur radio network for emergency and natural disaster



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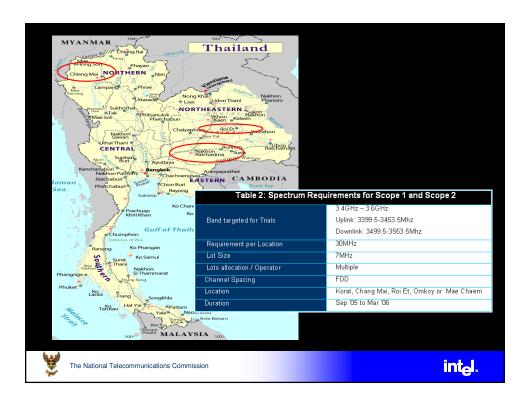
USO and Social Service

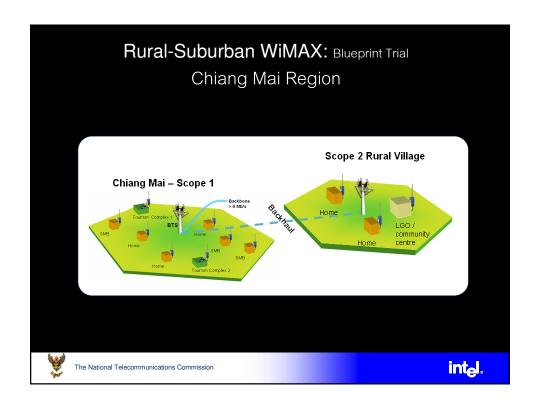
- Within 24 months, 6,000 villages will be installed with at least one public phone and Internet access.
- Within 36 months, 4,000 schools, health care centres, religious places, etc. will be installed with at least one public phone and one private phone.
- The handicap, senior citizen with income below the poverty line or without income and low income persons will be given 30 minutes prepaid phone card a month.

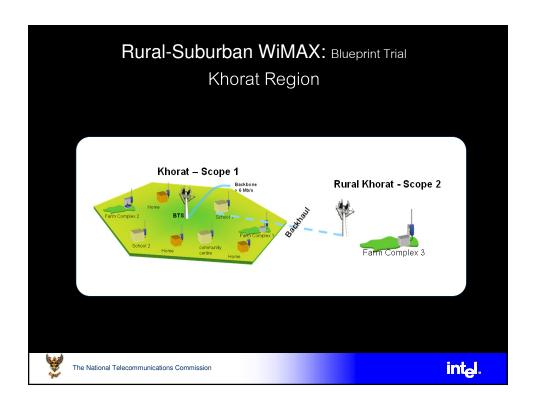


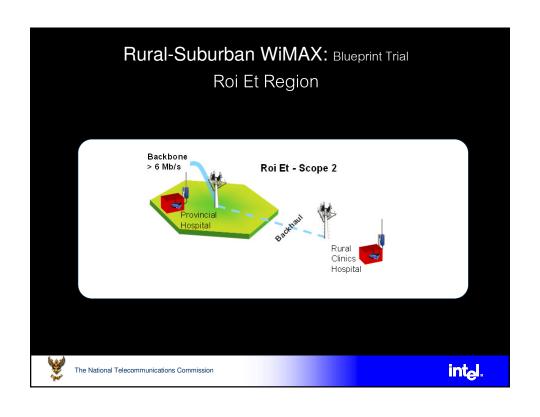
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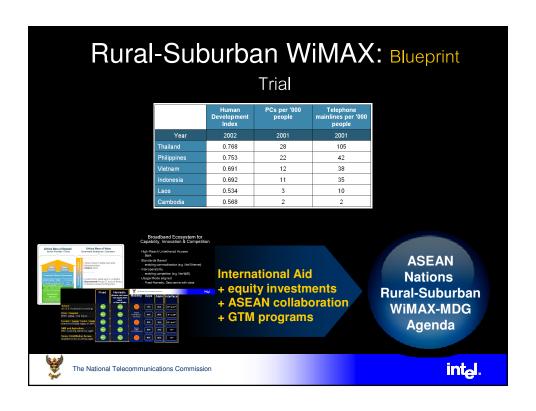
Present Status of WiMAX Exploitation Definite spectrum band for WiMAX is not yet allocated by NTC The trial is very beneficial to verify the best use of spectrum, bandwidth, technology, applications and finally standard.











ASEAN Rural-Suburban Broadband In Summary

Success requires -

- 1. Supply-Demand Critical Mass Tension
- 2. Public-Private partnership to create Stakeholder Sustainability Models supporting social, economic and living standard goals (i.e. MDG)
- 3. Inherent 'mode of use' support by technology
- 4. Open-standard interoperable BWA 802.16(2004)
- International aid and equity investment to accelerate infrastructure and content service implementation







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The National Telecommunications Commission