Stagnation of deploying of 4G and beyond

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• Are you using 3G?

• How do you use 3G phone other than making voice call?

• Why not are you using 3G phone as a media that provide internet connectivity?

• What is 4G?
Broadband Wireless Access: BWA

1G, 2G, 3G and 4G
- ITU based technology
- Developed by cellular phone carrier
- Major task:
  - Provide reliable voice call
- Data communication functions are added based on voice network
- Market deployment lead by telecom carrier

BWA (WiMAX)
- IEEE based open standard
- Developed by ICT industry
- Major objective
  - Provide broadband mobile communication capability to the Internet access
- Designed to work with existing Internet technology transparently
- Market deployment will be driven by user
What is 4G?

- Environment that will be provided by combination of several wireless technologies
  - PAN/LAN/MAN/WAN
- Will be required seamless and transparent communication to the Internet

- Key factor
  - Spectrum allocation policy
  - Business model
  - Scalability (cost, performance, etc.)