



What are the potential New Systems that may need spectrum?

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Main Trend # 1

**Increasing the sense of reality:
From content 'observer' to 'participant'**

- UHDTV 1 (8Mpixels), UHDTV 2 (32Mpixels)
- HDR
- HFR
- NGA/AdvSS
- VR, AR, MR
- Integral TV (improved 3D TV)
- Virtual space sharing

Main Trend # 2

**Increasing personalisation:
From simple consumption to complex interaction**

- Cooperative networks (e.g. HbbTV)
- Cooperative content
- User feedback
- Object based video and audio
- Digital assistance
- Tailoring to mobile/stationary users
- New accessibility systems

What questions may arise?

- What will the public want?
- What will regulations allow?
- How will transitions/switchovers be arranged?
- What will available spectrum allow?
- What conclusions can be reached?