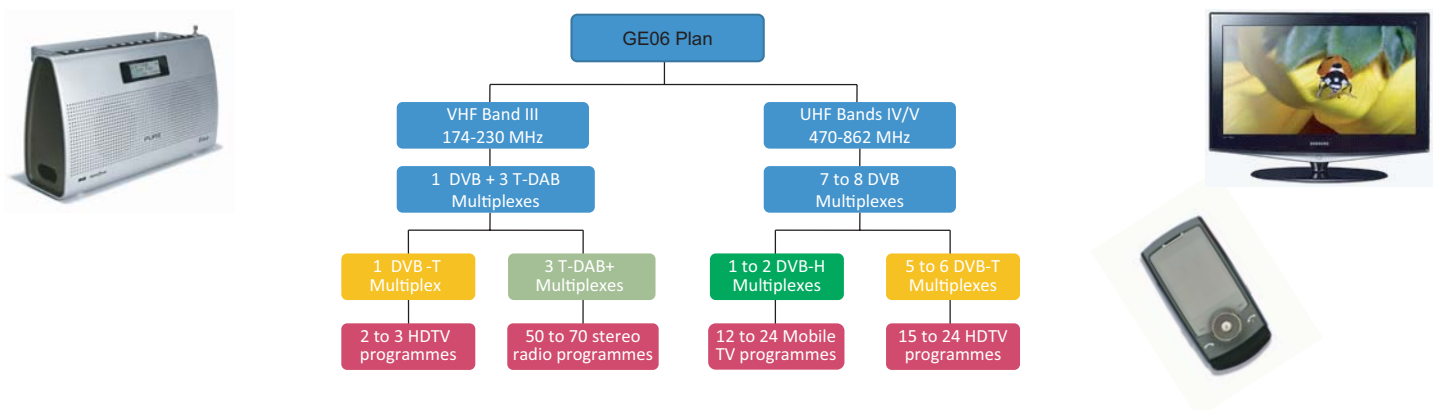


What are Broadcasters' Digital Service Requirements?

- **The terrestrial delivery platform must be attractive to remain competitive.**
Terrestrial can reach 'everybody': universal coverage to enable all citizens free-to-air access to digital broadcasting services.
- **Around 20 to 25 TV programmes are needed to create an appealing offering** based on current number of programmes in existing DTT platforms (e.g. UK, Spain, Italy, France).
- **Perhaps 12 to 24 TV programmes would make an attractive mobile TV platform** based on current number of programmes in existing DVB-H platforms (e.g. Italy, Austria, Germany).
- **Much migration to HDTV will have taken place by 2015** (analogue switch off date).
DVB-T2 and MPEG4 will allow 3 to 4 HDTV programmes in one 24 Mbit/s DTT multiplex.
- **Around 50 stereo radio programmes are required** based on the number of FM radio programmes in dense populated areas where more than 40 programmes are normally available.

These service requirements can be fully accommodated within the GE06 Plan:



However:

- Service requirements for broadcasting services differ from country to country.
- Further transition periods will be needed to evolve to MPEG-4, DVB-T2 and T-DAB+.
- Those countries wishing to develop all potential broadcasting services need all the spectrum allocated in Band III and Bands IV/V.

Caution: the WRC07 allows countries to use 9 UHF channels for two-way communication services, thus reducing significantly the original DVB-T capacity!