

DAB digital radio development around the world

Jeff Astle WorldDAB Forum Asia-Pacific Adviser

The future of Digital Broadcasting

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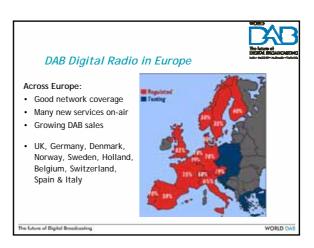
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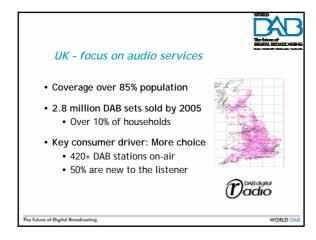


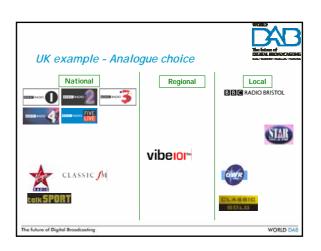
- Over 100 members from 30 different countries manufacturers, broadcasters, Govt Depts/regulators
- Safeguard DAB standards
- Development receivers, content, systems
- Networking meetings, events
- Global DAB information source

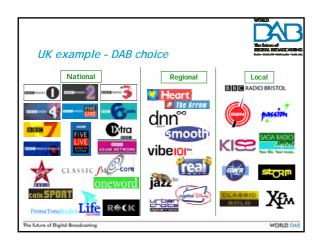
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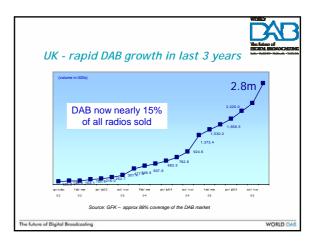


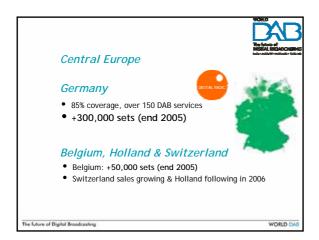


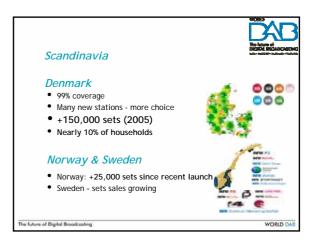


















DAB elsewhere in Asia

- 6 multiplexes licences awarded
- Rollout in Seoul Dec 2005 (KBS, MBC, SBS)
- Focus on mobile: mix radio & TV services
- Samsung, LG: mobile DAB/DMB (PMP, PDA, phone)

Taiwan

- Successful trials, DAB licences awarded (3 national & 3 regional)
- Full commercial launch in 2006
- · Taiwan global leader in DAB chipset & silicon mfr







DAB elsewhere in Asia

Singapore

- 3 multiplexes on-air
- Proactive Govt support from MDA
- Initial sets sales +10,000 after recent promotion

- Successful trials in Sydney/Melbourne
- · Govt announce DAB rollout policy

DAB elsewhere in Asia

China mainland

• Guangdong: DAB/DMB trials

- Beijing: DAB/DMB trials target 2008 Olympics
- Shanghai & Tianjin new trials
- Aim to establish a China DAB Group
- World DAB Conference, Beijing April 2006

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DAB in Hong Kong RTHK DAB trials

- Technical test phase nearing completion success
- More transmitters? New content? Multimedia?
- · Commercial Radio & Metro Radio
 - · Level of interest?
 - CR & Metro only audio licences no multimedia
- Future frequency planning with China mainland
 - Band 3 frequency utilisation OFTA

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Some conditions for success

Government/regulators

- Flexible licensing framework
- Financial support and incentives

Broadcasters

- Industry commitment public & commercial
- Widespread coverage (around 60% at launch)
- New and attractive content
- Consumer promotion

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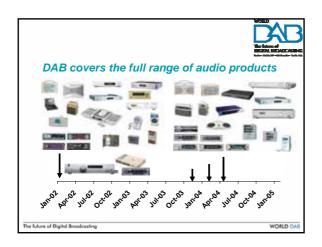
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Rapid DAB receiver developments

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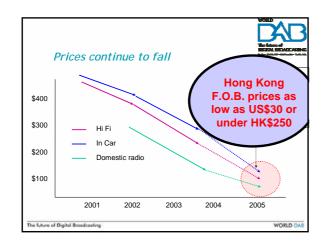




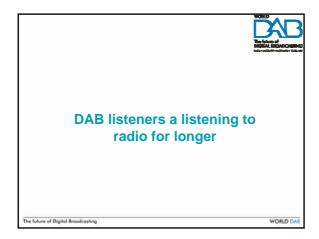




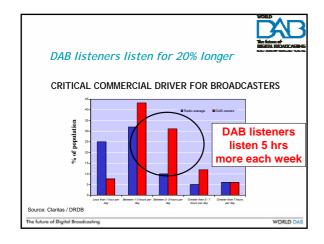








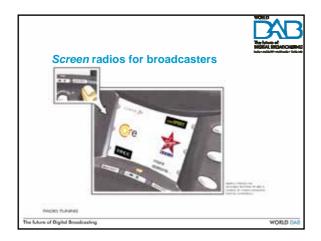












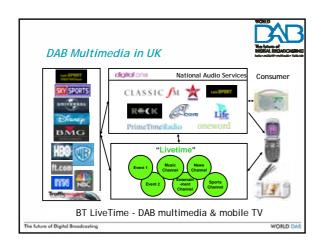


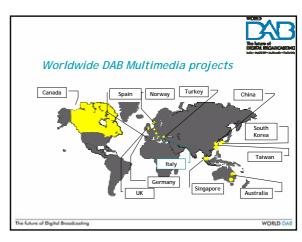


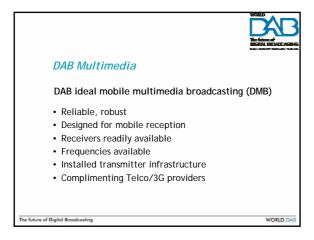


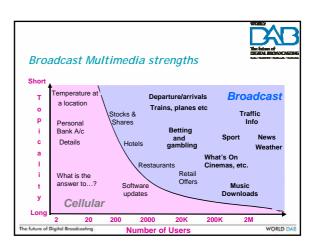














Conclusions

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Is DAB market ready?



- •Previous HK criteria...
 - Prices HK\$500 & 200 product types, major brands
 - Global rollout (40 countries, multi-million set sales)
- •Industry demand
 - RTHK
 - CR & Metro
 - Other HK players and/or international companies
- •Hong Kong is already a global hub for DAB
 - HK based manufacturers/vendors & Hong Kong CE Fairs

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DAC

Issues for broadcasters

- · Can radio stay analogue...
 - · Listening in decline
 - Threats to traditional radio 'spot' advertising
- Broadcasters must embrace a digital radio future
 - Make radio more engaging & involving
 - Give audiences more choice & control
 - Develop new value-add services & revenues to survive

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DAB is the future of radio...



- DAB is a global, mature, reliable and robust system
- DAB will...
 - increase time spent listening to radio
 - offer broadcasters new revenue streams
 - get radio into future multimedia devices

DAB will help secure radio's future

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Thank you for your attention

Contact details

Jeff Astle, WorldDAB Forum email: astle@worlddab.org tel: +44 207 2882642

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