2017 – a landmark year for DAB+

Bernie O’Neill, WorldDAB

ABU DBS, 6 March 2016
Global DAB+ digital radio status

36 countries with DAB services on-air

405m people can receive DAB

Over 55m DAB receivers sold
100 % DIGITAL
Around the world, more countries are showing interest

- Austria, Czech, Slovakia and Slovenia
- Turkey
- Tunisia
- Abu Dhabi, Kuwait, Qatar
- S Korea
- Thailand, Malaysia
- South Africa
- Indonesia
DAB+ in Asia Pacific

Australia: DAB+ launched Jul 2009

Hong Kong: DAB+ launched Aug 2011

Indonesia: DAB+ launched Apr 2016

Australia: DAB+ launched Jul 2009
DAB+ in Asia Pacific

Vietnam: DAB+ trial in 2013 and new trial planned 2017

China: DAB in Beijing & Shanghai

Indonesia: DAB+ launched 2016

Malaysia: DAB+ trial on air – RTM and commercials

Vietnam: DAB+ trial in 2013 and new trial planned 2017

Thailand: preparing DAB+ trial in 2017

Hong Kong: DAB+ launch 2011

South Korea: investigating DAB+

Myanmar: DAB+ trial now on-air

Australia: DAB+ launched Jul 2009
Middle East and South Africa investigating potential

Arab States Broadcasting Union recommends DAB+

Interest also from: Bahrain, Jordan, UAE

DAB+ on air in Kuwait and trials/regulation for DAB+ in several other Gulf States

South Africa DAB+ trial covering 20% population
### New market activity on DAB+ in the last 12 months

<table>
<thead>
<tr>
<th>Country</th>
<th>Activity</th>
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<tbody>
<tr>
<td>Thailand</td>
<td>NBTC planning large DAB+ trials in 2018</td>
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<tr>
<td>Indonesia</td>
<td>RRI launched DAB+ services in April 2016</td>
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<tr>
<td>Myanmar</td>
<td>DAB+ trial started 2016 by MRTV</td>
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<tr>
<td>Vietnam</td>
<td>Planning new DAB+ digital radio trial 2017</td>
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<td>Sri Lanka</td>
<td>Ongoing preparation for a DAB+ trial</td>
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<tr>
<td>S Africa</td>
<td>DAB+ trial extended further – preparing regulation</td>
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<tr>
<td>UAE</td>
<td>Commercial launch of DAB+ in 2018</td>
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<tr>
<td>Kuwait</td>
<td>95% DAB+ population coverage</td>
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<tr>
<td>Slovakia</td>
<td>Further DAB+ trials being launched in addition to existing</td>
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<tr>
<td>Slovenia</td>
<td>Launched DAB+ in 2016 – now at 70% popn coverage</td>
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<tr>
<td>Croatia</td>
<td>Consultations within radio industry about deployment of DAB+</td>
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<tr>
<td>Latvia</td>
<td>DAB+ technical trial started December 2016</td>
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DAB is established across Europe

- **Date for DSO**
- **Established**
- **On the move**
- **Trials**
DAB radios are reaching the mass market

Over 50 million receivers sold

Available from 70 MYR
In advanced markets, DAB is widely available in cars

% of new cars with DAB+ as standard

UK: 87%
Norway: 83%
Switzerland: 65%

Sources: SMMT/CAP (UK), JATO (Norway), MCDT (Switzerland)
2070 DAB services on air around the world
How can WorldDAB help you?

90+ Members
Covering 27 countries

Connecting
1,000+ Industry Experts

Our members include experts from broadcasters, regulators and network providers through to manufacturers of receivers, chips, professional equipment and automobiles.

MINISTRIES OF TELECOMS
REGULATORS
BROADCAST ASSOCIATIONS
BROADCASTERS
NETWORK OPERATORS
END-TO-END MANUFACTURERS

DEVICE MANUFACTURERS
AUTOMOTIVE MANUFACTURERS
RESEARCH & DEVELOPMENT
CHIP MANUFACTURERS
SOLUTION PROVIDERS
MONITORING EQUIPMENT MANUFACTURERS
WorldDAB now increasing support to the Asia Pacific region

2017 will see a stronger WorldDAB presence in the region

- WorldDAB Asia Pacific Committee – Chaired by Joan Warner
- Support and mentoring
- Technical trials
- Advice and assistance (tailored advice, seminars, workshops)
- Connect with equipment suppliers, automotive sector, smartphone and receiver manufacturers

DAB+ pavilion – come and meet the DAB+ experts
Thank you

www.worlddab.org
@worlddab
bernie.oneill@worlddab.org