

WorldDAB Global Update

ABU Digital Broadcasting Symposium 2019
Bernie O'Neill, Project Director, WorldDAB

- DAB progress
- WorldDAB activities
- WorldDAB support for broadcasters in the Asia Pacific Region

41 countries with DAB on-air

470m people can receive DAB

Over 75m DAB receivers sold

Available from €20

First countries switching off FM



Norway: 2017



Switzerland: 2020-24

European markets – progressing well



- UK: digital listening hits 50% - government review expected



- Germany: overtakes UK as #1 consumer receiver market (Q3 2018)



- Denmark: DSO has been proposed



- Netherlands: over 1 million units old



- Italy: from Jan 2020, all new receivers will need to be digital



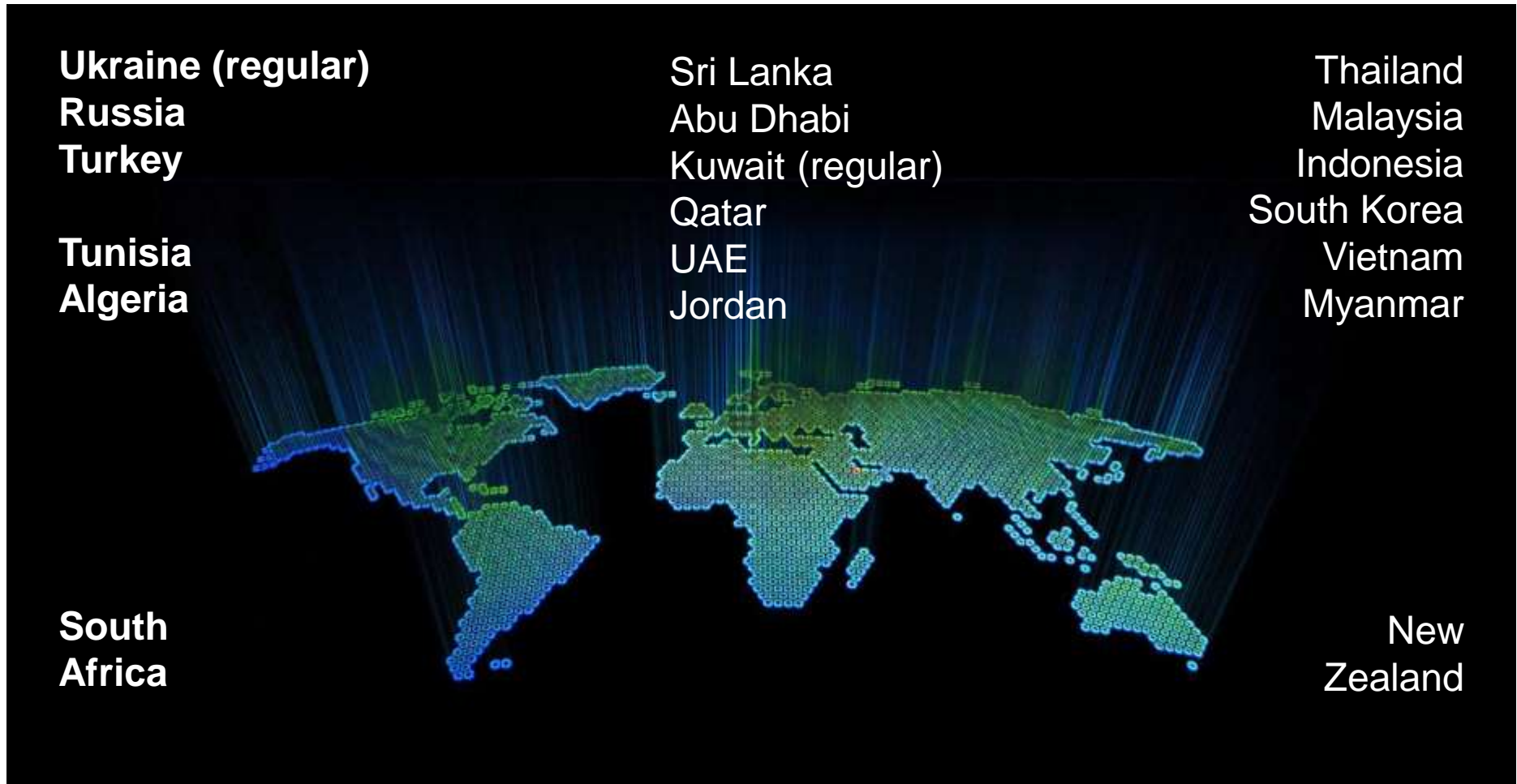
- 70% population coverage by end 2020



- Belgium: now an established market

Emerging markets – with interest and / or DAB+ trials

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% of new cars with DAB+ digital radio

% NEW CARS W/DAB/DAB+



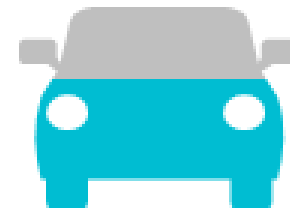
Norway
98%



UK
91%



Switzerland
85%



Australia
65%

Source: WorldDAB, national industry associations, JATO



European Electronic Communications Code

- All new car radios in EU able to receive digital terrestrial radio
- Adopted December 2018 – implementation within two years

105 members
from 29 countries –
up from 80 in 2013

12 new members in last 12 months

Radio, government and infrastructure



Flanders Dep't of
Culture, Youth &
Media



Technology and services



Automotive and receivers



TOYOTA



hama



WorldDAB now licensing international logo – toolkit and brand guidelines

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<https://www.worlddab.org/technology-rollout/logo>

On Air

- + TV Trailer
- + Radio spots
- + News and info on DAB+ during regular programs

Online

- + TV Trailer on websites
- + Reports and Info
- + Newsletter
- + Website dabplus.de and Social Media

Off Air and PoS

- + Promo and Branding
 - 2.800 stores per year
- + Printed Ads
- + Events
 - IFA 2018
 - Roadshows
 - Network-Events „DAB+ in Dialogue“
- + Industry uses new CD
- + New logo via WorldDAB





Technical Committee

- Maintains and develops the DAB technical standards

Automotive Working Group

- UI research well-received – updated version just published
- Constructive work with receiver performance
- Aftermarket group established

<https://www.worlddab.org/technology-rollout/automotive/user-experience>

- New extended focus
- Continues to work with regional broadcast unions to ensure spectrum availability of Band III for DAB+
- Now includes support on implementation of DAB+
- Focus on practical tools for implementation of DAB+
- Seminars, webinars, case studies and guidelines



Events

- ABU DBS, Radio Asia, DAB+ webinar series
- Broadcast Asia, Singapore, June
- Radiodays Asia, KL, August



Workshops

- ABU / ASBU / AIBD DAB+ workshop, KL, July
- Tailored workshops in individual territories – on request

ABU

- Joint workshops and education

ASBU

- Joint workshops and education

EBU

- Radio events
- Spectrum monitoring and technology

RadioDNS

- Hybrid radio support

iDAG / OMRI

- DAB+ smartphone development



Conclusions

- 1 DAB+ rollout is speeding up globally – proven business cases
- 2 Receiver legislation and work with auto sector making a difference
- 3 WorldDAB is available to help – stay in touch



Thank you

bernie.oneill@worlddab.org

