markets

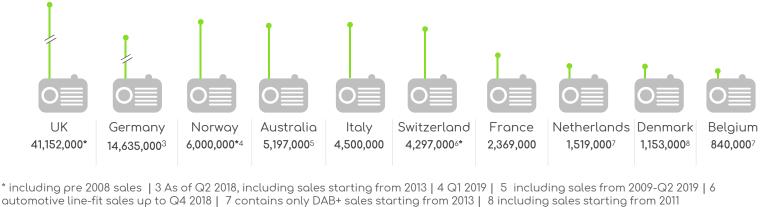
**GOVERNMENT POLICY STATUS** 

## world dob DAB DIGITAL RADIO EUROPE AND ASIA PACIFIC

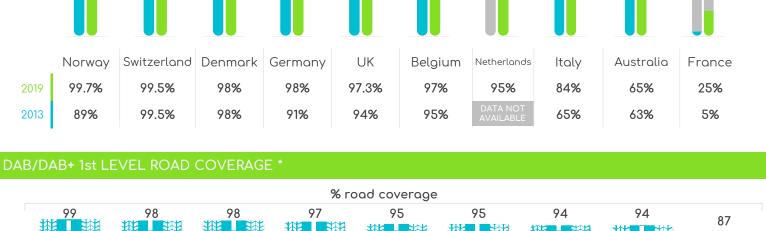
Norway – the digital switchover completed for all national radio Dec 2017 | Switzerland – DSO planned for 2024 at the latest<sup>1</sup> | **United Kingdom** – in May 2019 the UK Government announced a review of digital radio and audio which is now underway and is expected to conclude at the end of 2020 | Denmark – timing of DSO to be decided when 50% of listening is digital | Germany - digital radio roadmap published by authorities Feb 2017, 2nd national commercial multiplex expected in 2020 | Netherlands - fastest DAB+ launch, backed by Government support | Italy - from 2020 it will be mandatory for all radios sold to have DAB+ | France - all receivers will have to be DAB+ capable in 20202; Parliament currently reviewing receiver requirements in line with the EECC; national coverage by commercial and public broadcasters will start in 2020 | Belgium - Flemish and French speaking governments committed to a digital radio future with DAB+ at its core | Australia – DAB+ in 6 metropolitan and 1 regional areas 65% population coverage; planning underway for other

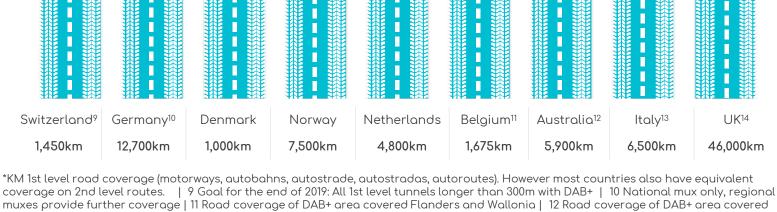
1 Commitment of the industry; communication of earlier DSO-Date planned for Q1 2021 | 2 From January 2020 for most domestic receivers and July 2020 for automotive

# CUMULATIVE DAB/DAB+ RECEIVER SALES (INCLUDING LINE FIT AUTOMOTIVE) 2008 - H1 2019









DAB/DAB+ HOUSEHOLD RECEIVER PENETRATION

Denmark

Germany<sup>18</sup>

France<sup>19</sup>

Italy

Germany<sup>23</sup>

13

in 6 metropolitan and 1 regional areas | 13 National and local muxes, no data on 2nd level routes | 14 BBC National

Australia<sup>17</sup>

51

Norway<sup>15</sup>

DAB

32

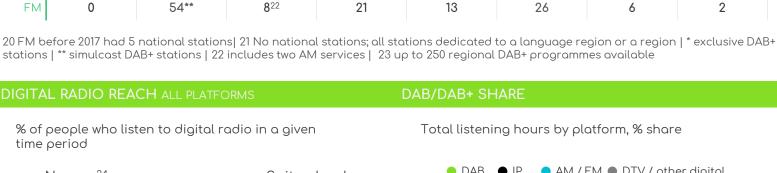


49

### Norway<sup>20</sup> Switzerland<sup>21</sup> Italy

55\*

Netherlands<sup>26</sup>



AM / FMDTV / other digital DABIP Norway<sup>24</sup> Switzerland Q1 2018Q1 2019 Q4 2018 Q4 2019 Q4 2019 Q4 2019



UK

Netherlands

34

Belgium<sup>21</sup>

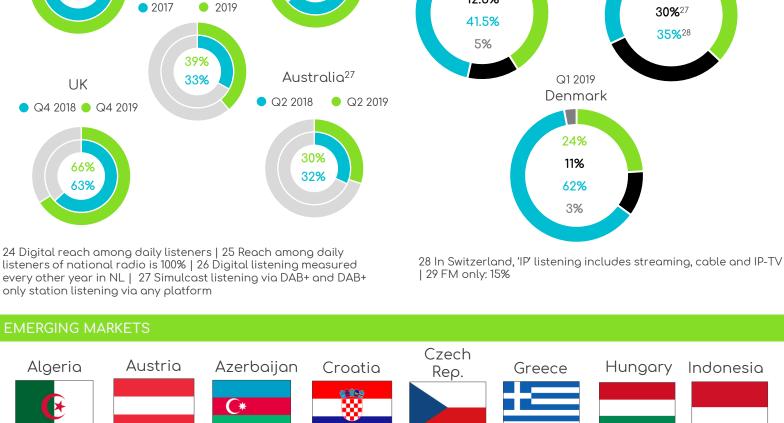
57

Denmark

18

**Switzerland** 

35%



Trial DAB+ Trial DAB+ Regular Regular DAB+ 77% **DAB+ 30%** coverage<sup>30</sup> coverage coverage coverage

Luxembourg

Trial

DAB+

100%

coverage

Sweden

### Batam and coverage **Athens** coverage Surabaya

Trial DAB+

Slovakia

Trial DAB+

coverage

38%

30%



Kuwait



Pretoria and

Cape Town<sup>33</sup>

population.

Reaular

DAB+ 100%







2019 50%

coverage

Ν

Macedonia





April 2019,

coverage

14%

Poland

Regular



30%

coverage

Regular

DAB+ 85%

Romania





Regular

Serbia

Trial DAB+

DAB+





Trial DAB+

Slovenia

Jakarta,

Regular

DAB+ 85%

 $coverage^{32}$ 

DIGITAL RADIO MARKETING BODIES Norway<sup>34</sup> - <u>radio.no</u> | Switzerland - <u>dabplus.ch</u><sup>35</sup> | United Kingdom - <u>getdigitalradio.com</u> | Denmark - <u>mereradio.dk</u> |

## Germany – <u>dabplus.de</u> | Netherlands – <u>digitalradio.nl</u> | Italy – <u>digitalradio.it</u> | France – <u>dabplus.fr</u> | Australia –

<u>digitalradioplus.com.au</u> | Austria – <u>dabplus.at</u> | Belgium – <u>dabplus.be</u> | Czech Republic – <u>rozhlas.cz/digital</u> & <u>digitalradiodab.cz</u> | Poland – <u>polskieradio.pl</u> | Slovenia – <u>rtvslo.si/dab</u> | 35 The digital switchover is completed, DRN is therefore as planned shut down | 36 Marketing campaign (2017 - 2024) of OFCOM **Switzerland** 

30 88% popn coverage by March 2020 | 31 Population coverage of 17 Regular regional DAB+ multiplexes, 82% popn coverage by Oct 2022. 6 Trial local DAB+ multiplexes are also on air and provide additional coverage. | 32 New multiplexes anticipated 2020 | 33 Regulator will develop the draft regulations on Digital Sound Broadcasting in the current financial year (2019/20) | 34 Population coverage of Regular national DAB multiplex for public service. A national DAB+ multiplex for commercial radio is currently on air reaching 43% of the