

# GSA 4G-5G FWA Forum

## Welcome to our annual MWC F2F Meeting !!!

*3<sup>rd</sup> March 2026*

## Reminder of applicable antitrust and competition laws

The attention of the members of this group is drawn to the fact that GSA activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required of any participant of this meeting including the Chairperson and Vice-Chairperson. The leadership shall conduct the present meeting with impartiality. In case of questions it is recommended that you contact your legal counsel.

# Agenda

- GSA Welcome (Joe)
- GSA 4G-5G FWA Forum Meeting 57 (John)
- Group Photo and short break
- GSA RedCap SIG overview (Patrik)
- GSA PMN SIG overview (Simon)
- Networking session

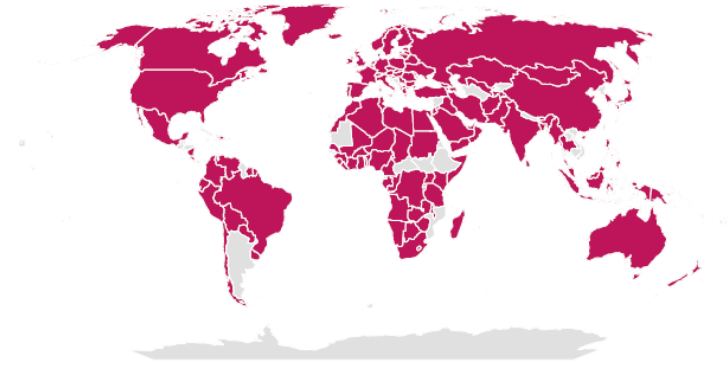
# Agenda

- 2025 FWA review
  - Market update based on GSA FWA Market Report H2 2025
  - 2025 review and statistics about GSA FWA content
- Approval of previous meeting's minutes
- 2026 Membership update
- Budget 2026
- 2026 Work-Plan update by working groups
- AOB – Open Discussion
- Next Steps

# FWA is truly global

- **526 operators in 183 countries** have launched LTE or 5G FWA services
  - FWA is a highly competitive market as several players are offering such services per country
  - Europe has the highest level of investment, with 134 LTE and 107 5G FWA networks
- **248 operators** are marketing residential or business **5G FWA** broadband services (*vs 41 in November 2021*)
  - In the 27 EC countries, there are 107 commercially launched 5G FWA networks
  - Europe is closely followed by the Middle East and Africa, with 61 launched 5G FWA networks
  - There are still fewer 5G FWA operators actively marketing their services in any given region compared to 4G FWA, leaving significant room for more 5G FWA launches!

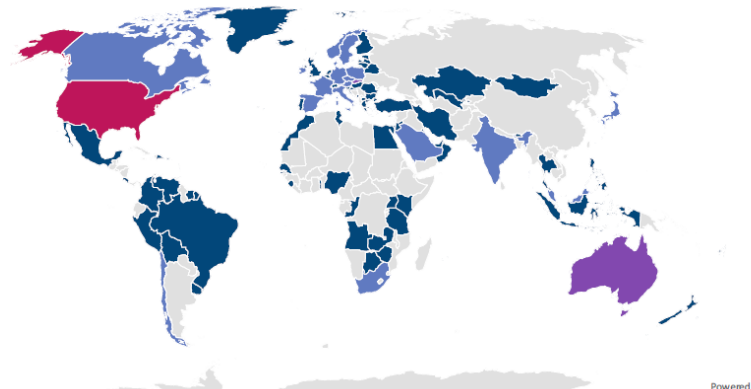
## Countries and territories with 4G or 5G FWA offers



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## Countries and territories with identified 5G FWA offers

■ One to three ■ Four to five ■ Six to 10 ■ More than 10



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GSA

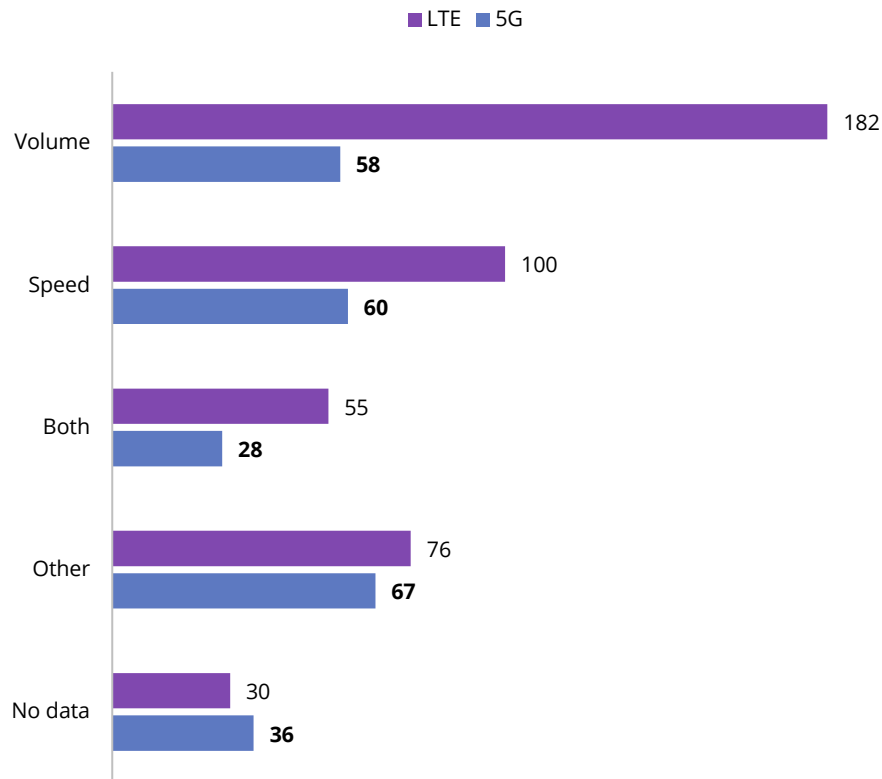


**~65% of MNOs with 5G services offer 5G FWA!**

## 4G & 5G FWA tariff plans are designed differently

- 40% of tariffs for 4G FWA are based on data volume only.
- With 5G FWA, 35% include speed-based parameters for tariff differentiation vs 23% are volume-based only tariffs
- Services promoting both volume- and speed-based tariffs are offered by 12% of all service providers. This market has been evolving over the past few years, with speed-based tariffs initially becoming more common for 5G FWA services, but volume-based tariffs are now increasingly popular.
- GSA identified 24% of 4G FWA services and 5G FWA services marketed as **truly unlimited**.
  - Many of these have “fair use” speed limits after a threshold

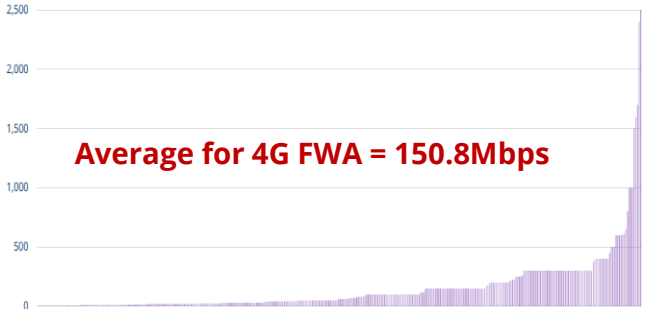
## Tariff models used by operators for LTE and 5G FWA services



# Operators are marketing much faster FWA speeds on 5G, and the operator distribution has a greater share at the high end

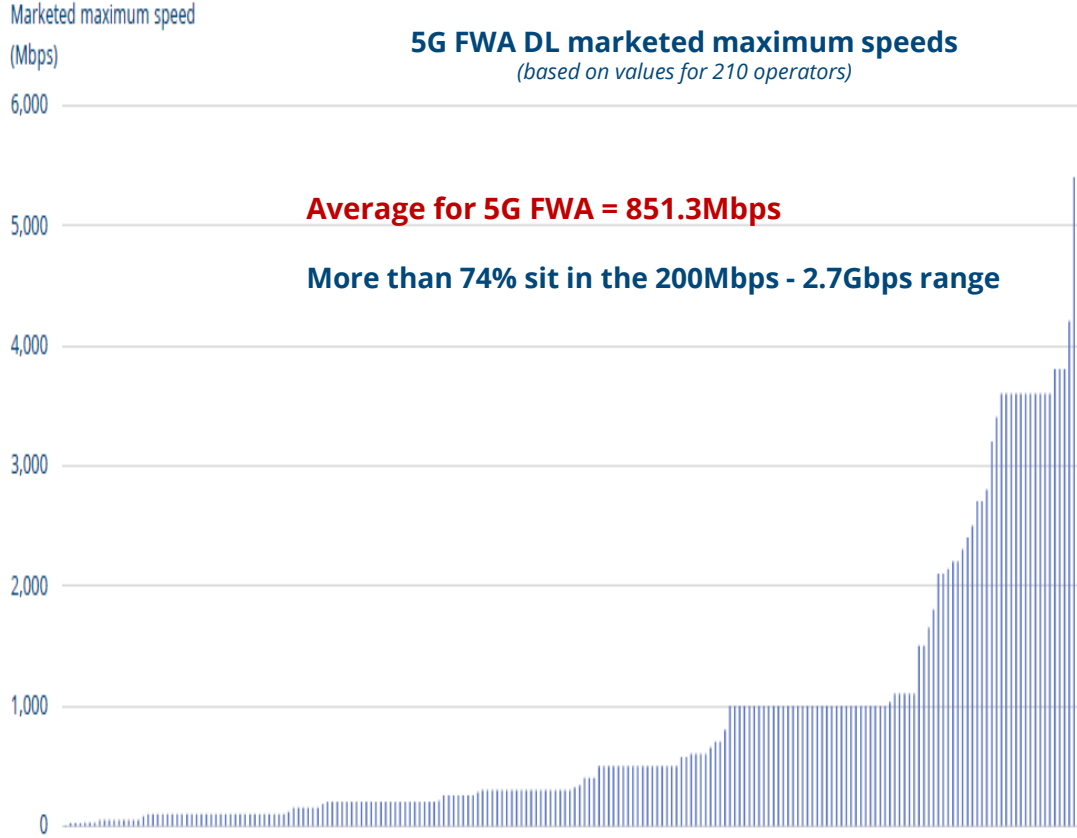
### 4G FWA DL marketed maximum speeds

*(based on values for 368 operators)*



### 5G FWA DL marketed maximum speeds

*(based on values for 210 operators)*

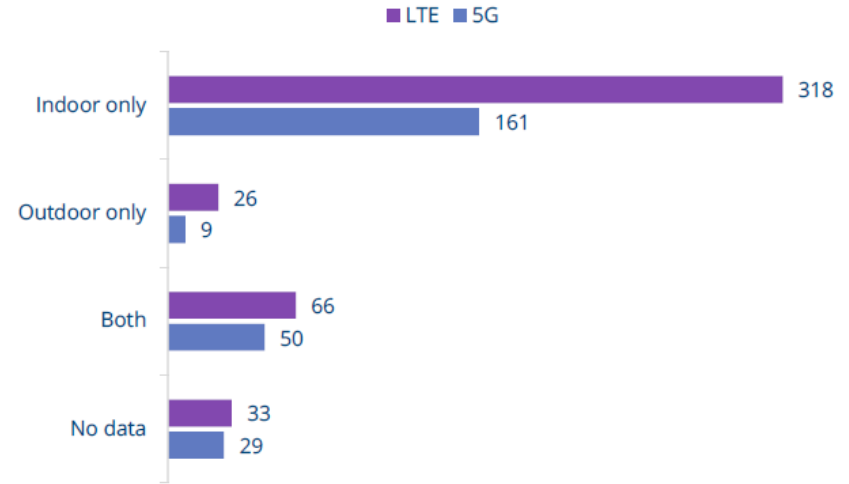


# FWA services by types of devices

- Operators are overwhelmingly choosing to offer indoor devices as
  - **76% of identified services are using indoor CPE**
  - and **69.2% with internal CPE only**
  - Only 18.4% of the networks for which data was available were supported by outdoor CPE
- **FWA** is widely positioned as an **easy and flexible alternative** to fixed broadband, with **no installation** and **no waiting time**.
- In GAMBOD, GSA has identified 1,267 indoor and outdoor LTE and 5G CPE device models

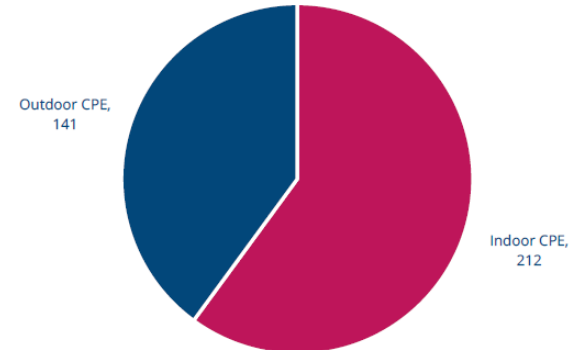
## Number of operators offering FWA CPE

(based on 410 LTE and 220 5G FWA networks)



## Types of 5G FWA CPE device offered by vendors

(announced devices, not all yet commercially available)



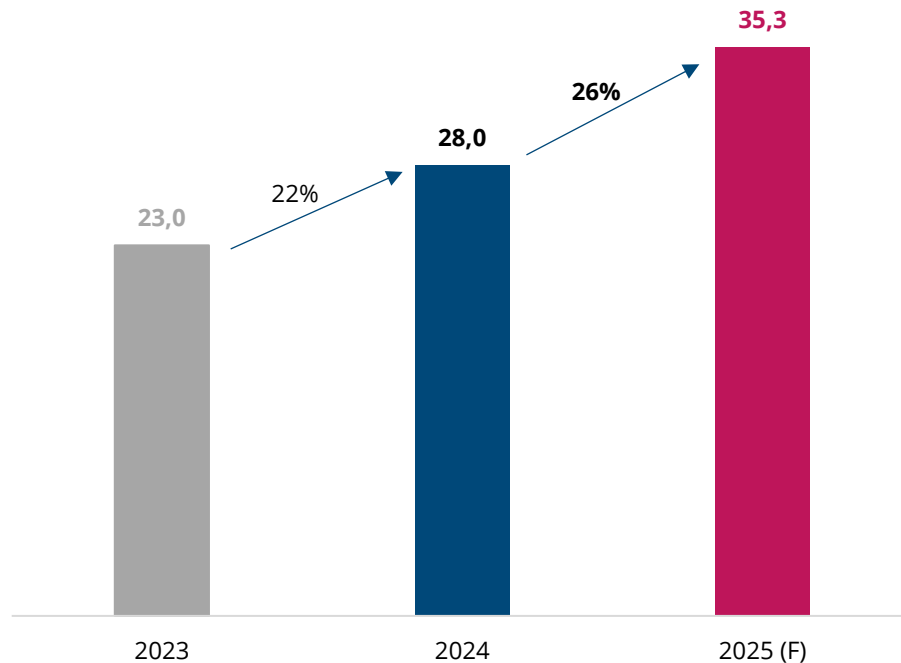
# Let's dig more into the 4G-5G FWA device market

Insights from 17 CPE vendors representing a significant share of the 3GPP-based FWA market



## Total 4G-5G FWA Device Shipments (Million)

Sample: 2025 FWA Survey, 17 respondents

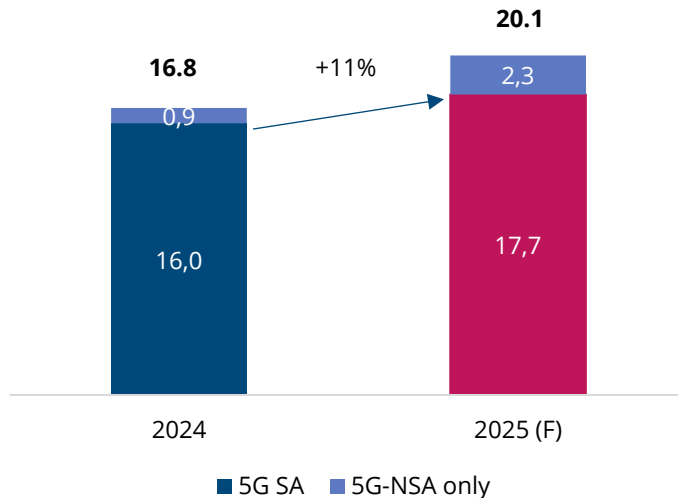


# 5G FWA Device Shipment trends

- **5G FWA device shipments** were 16.8 million in 2024, comprising **60% of all FWA shipments**.
- We expect the **5G FWA device shipments to grow by 19% in 2025**, reaching 20.1 million units.
- By 2025, **5G SA will make up 88% of 5G FWA device shipments**.

## Evolution of 5G-enabled FWA device shipments (millions)

Sample: 2025 FWA survey, 17 respondents



Breakdown of FWA shipments by technology	Shipments (M)		YoY growth
	2024	2025 (F)	2025 (F)
Total FWA device shipments	28.0	35.3	26%
4G-only shipments	10.8	15.3	41%
5G shipments*	16.8	20.1	19%
5G share of shipments	60%	57%	-

\* 4G and 5G devices, including FWA CPE and battery-powered pocket routers.

# GSA 4G/5G FWA Forum

## 2025 Summary



Participation to 5G Forum event

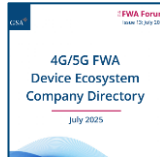


FWA Market report

H1 + Webinar



FWA Catalogue Update



FWA CPE Survey 2025



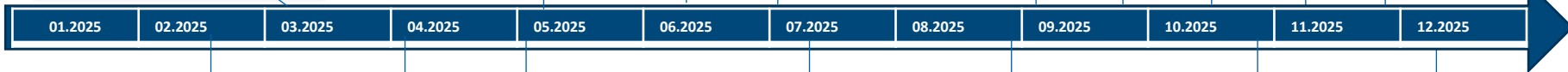
FWA Forum @NetworkX



FWA Market report H2



FWA CPE Survey 2025 Internal Webinar



2025 Work Plan Approval

**5G FWA & AI** article  
Sponsored by **Fibocom**

**5G FWA & RedCap** article  
by **GSA RedCap SIG**

**5G-A & FWA** article  
Sponsored by **Mediatek**

**mmWave 5G FWA** article  
Sponsored by **Nokia**

**Antenna for FWA** article  
Sponsored by **Pynting**

**"Trends in FWA" ebook celebrating FWA Forum's 5th year anniversary**

**GSA 4G-5G FWA Forum 5th Anniversary Special Edition**

Routine meetings

- Monthly FWA Forum Plenary meetings (last Tuesday of the month)
- Monthly FWA Forum Steerco meetings (1 week before Plenary meeting)

# GSA 2025 Stats

## Most visited webpages & most viewed reports in 2025

Page	Views	Total users
/technology/5g/	7 984	2 878
/devices/search	5 139	1 003
/gambod/	4 870	2 320
/publicNetworks/search	3 492	658
<b>/fwa-directory/</b>	<b>2 373</b>	<b>347</b>
/publicNetworks	2 236	471
/devices	2 197	636
/devices/search/pie	2 060	419
/spectrum_assignment/search	1 976	551

**FWA Directory = Top 5 most viewed content page of GSA website in 2025 !!!**

Report	Views
/paper/5g-advanced-may-2025/	2,305
/paper/5g-standalone-april-2025/	2,161
/paper/5g-standalone-january-2025/	2,138
/paper/5g-satellite-connectivity-march-2025/	2,006
<b>/paper/fwa-market-june-2025/</b>	<b>1,712</b>
/paper/5g-status-update-june-2025/	1,520
/paper/5g-redcap-april-2025/	1,505
/paper/5g-redcap-march-2025/	1,495
/paper/5g-ecosystem-february-2025/	1,427
/paper/millimetre-wave-spectrum-july-2025/	1,368
/paper/2g-3g-switch-off-december-2024/	1,356
/paper/5g-standalone-august-2025/	1,356
/paper/5g-market-snapshot-february-2025/	1,344
/paper/5g-non-terrestrial-networks-mavenir-whitepaper/	1,334
/paper/2g-3g-switch-off-july-2025/	1,316
/paper/5g-ecosystem-may-2025/	1,276

**FWA Market Report = Top 5 most viewed GSA report in 2025 !!!**

# GSA 2025 Stats

## Statistics about FWA reports in 2025

2025 Downloads - FWA	2025	Total all time
GSA FWA Market report – June 2025	662	662
FWA Company Directory V13.4 – July 2025	311	321
GSA FWA Market report – November 2024	262	539
FWA Trends e-book V3.3 – December 2025	250	343
FWA CPE Vendor Survey – August 2024	249	873
FWA CPE Vendor Survey – September 2025	239	239
GSA FWA Market report – November 2025	127	127
GSA FWA Market report – June 2024	46	878

Total Report Views

**7,678**

### Top 3 FWA reports

1. FWA Market Reports
2. FWA CPE Surveys
3. FWA Catalogues

#### Comments

- FWA e-book was posted in December and was already Top 4 in terms of downloads in 2025 demonstrating a strong appetite for qualitative insight.
- FWA CPE Catalogue is still attracting lots of attention!
- FWA Forum members are invited to share their FWA White Papers (Ericsson FWA e-book remains a top download @GSA)

# GSA 2025 Stats

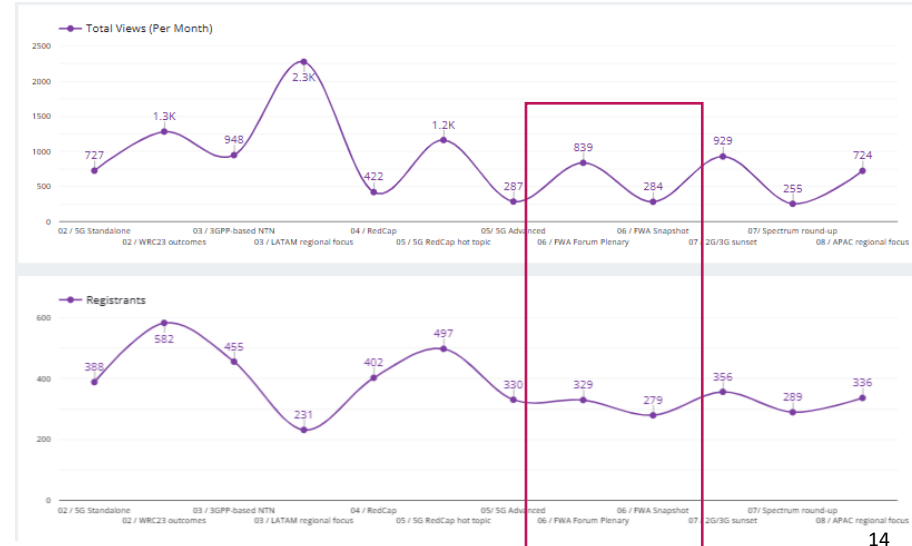
## Statistics about webinars in 2025

Total FWA Webinar  
registrations  
**1,056**

Total FWA Webinar **live**  
attendees  
**402**

Total FWA Webinar **replays**  
**185**

month / topic -	Registrants	Attendees	% attendance rate	# on-demand replay
02 / 5G Standalone	388	143	37%	68
02 / WRC23 outcomes	582	201	35%	156
03 / 3GPP-based NTN	455	165	36%	107
03 / LATAM regional focus	231	99	43%	63
04 / RedCap	402	179	45%	50
05 / 5G RedCap hot topic	497	160	32%	106
05/ 5G Advanced	330	124	38%	71
06 / FWA Forum Plenary	329	123	37%	55
06 / FWA Snapshot	279	125	45%	44
07 / 2G/3G sunset	356	139	39%	93
07/ Spectrum round-up	289	105	36%	54
08 / APAC regional focus	336	114	67%	67
09 / FWA Plenary + CPE Summit	187	58	31%	25
09 / FWA Plenary + CPE Summit	741	94	38%	51



### 1. Approval of the official minutes of the meeting of 27<sup>th</sup> January 2026

- **Budget 2026** – The GSA Board decided to remove the “Observer” level à the FWA Forum has now **34 companies participating**, limited impact on budget as observer level was free, risk of not enough participants for 2026 CPE survey as 7 observers were contributing to it. If all 34 companies who are members / partners renew their fees for 2026, we should have revenues of £18.400 but, so far, we only have received payments for £5.400 meaning £13.000 is yet to be paid. FWA Forum’s relevance and success depend on companies’ support and participation
  - **AP – ALL** – Proceed with payment before **14 February 2026**
  - **AP – Kay / Joe** – **Update the FWA Forum email distribution list** to reflect the changes in terms of memberships (removal of all observers, companies who left the Forum) and recent changes of selected representatives (Nokia, Fibocom, Beamwave) - **ASAP**
- **2026 Work-Plan is APPROVED**
- **F2F @MWC 2026 – Tuesday 3rd March 2026, 7-10pm CET, Laietana Cultural (Barcelona)**
  - **AP – ALL** – Confirm the identity of your representatives ASAP – **4 seats remaining** – 1st come 1st served
  - **Kind reminder - Only companies who have paid their 2026 annual fees or have confirmed in writing that they will pay their fees can participate**
- **CPE Survey 2026** – Target approval of 2026 survey questionnaire during F2F meeting @MWC
  - **AP – John** – Send the 2025 CPE Survey Questionnaire for review by email to Partners / Members - ASAP
  - **AP – Members / Partners** – Propose modifications to the 2025 CPE Survey questionnaire – **Deadline = 14 February 2026**
- **Public Event N°9** - Ideally to be held in late May, closer to the publication date of GSA FWA Market H1 2026 report
  - **AP – ALL** – Propose speakers from MNO community to share FWA best practices
  - **AP – ALL** – Companies interested to sponsor, please contact Joe/Julien – 2 sponsorship opportunities available (**Start** already confirmed as 1<sup>st</sup> sponsor)
- **Industry Insight Articles** - **AP – ALL** – Companies interested to propose a sponsored Industry Insight article, please contact Richard/Julien
- **NetworkX 2026** - **AP – ALL** – Interested companies to participate to the FWA session and benefit from sponsorship discounts can contact Julien
- **AOB - AP – Sterco** – As per John’s suggestion during the meeting, jointly identify obstacles to 5G FWA adoption to reinforce the urgency for the FWA Forum to work together in order to address those issues. Objective is to share that list and define collective actions during the F2F meeting @MWC.
- **FWA Directory** - **AP – Joe** - Please remove the content from the following companies: Poynting, Sequans, SIMCOM, SMAWAVE and Telsight --- **DONE**

### 2. Next GSA 4G/5G FWA Forum meeting – F2F meeting @MWC on Tuesday 3 March 2026 – At 7pm CET

## The GSA Board decided to remove the “Observer” level from 2026

- **Impact on 23 companies.** Among them
  - Some large CPE vendors and module vendors
  - All 2025 observers have been contacted to upgrade
- **Significant impact on potential contributors to the CPE Survey**
  - **6 observers** (*Askey, Gemtek, Jaton, MeiG, Notion, SMAWAVE*) contributed to the 2025 edition
  - **24 CPE vendors** involved in the Forum in 2026, **only 11 of them contributed in 2025**
- **No impact on FWA Forum budget**

### Partners / members who decided to leave the Forum in 2026:

- **Poynting** (*Partner*), **Sequans** (*Partner*), **SMAWave** (*Member*)

### New companies joining us in 2026:

- **Unisoc** as Partner, **Beammwave** as Member

### List of observers in 2025:

Askey, ASR Micro, Beammwave, Elsys, Esound Technology, Gemtek, Gosuncn, Inseego, IPLOOK, Jaton Technology, Maxcomm, MeiG, Mobot Mobile, Netgear, Notion Tech, Signalinks, SIMCom, T&W, Tech Mahindra, Telsight, Tigercel, Zenlabs, Zyxel

Memberships Dec 2024	Memberships Dec 2025	Memberships 2026
57 companies	58 companies	<b>34 companies</b>
29 Partners	23 Partners	<b>24 Partners</b>
12 Members	12 Members	<b>10 Members</b>
16 Observers	23 Observers	<b>removed</b>
<b>£22 200</b>	<b>£18 600</b>	<b>£18 400</b>

# Budget 2026

## Assumptions for the draft 2026 budget:

- 2026 fees: £600 for Partner, £400 for Member
- 3 sponsors per events
- All Members/Partners renew their fees
- No revenues from CPE Survey sales
- 2025 Surplus = £1,654

Invoices for 2026 were sent by Kay in early January

## Current status (as of end February 2026)

2025 Fees	2026 Fees	2026 Paid	Status
£18,200	£18,400	£11,800	- £6,600

## Companies who have not paid so far

Members	Partners
Airgain, Beammwave (payment in process), BEC, Four-Faith, TCL, Telit Cinterion	Compal, Da Ta Technologies, Greenpacket, Ikotek, Quectel, Vantiva (payment in process)

## GSA 4G-5G FWA Forum Budget

	Budget 2025	Budget 2026 All activities
<b>Revenues</b>		
<b>Membership Fees</b>	<i>FWA Forum Partner/Member fees</i> £ 18 200	£ 18 400
<b>Event Sponsorships</b>	£ 1 000	£ 3 000
	<i>H1 Public Event</i> £ 1 000	<i>£ 1 500</i>
	<i>H2 Public Event</i>	<i>£ 1 500</i>
	<i>LATAM Webinar</i>	
<b>E-book Sponsorships</b>	<i>Only in 2025</i> £ 2 000	
<b>Surplus from previous year</b>	£ 804	£ 1 654
<b>TOTAL REVENUES</b>	£ 22 004	£ 23 054

		Budget 2025	Budget 2026
<b>Expenses</b>			
FWA Plenary - H1	Event Support	£ 2 500	£ 2 500
	Marketing and promotion	£ 1 500	£ 1 500
FWA Plenary - H2	Event Support	£ -	£ 2 500
	Marketing and promotion	£ -	£ 1 500
Catalogue	MWC B Update	£ -	£ -
	H2 Update	£ 250	£ 250
FWA Directory	Maintenance	£ 750	£ 750
	Additional Features	£ 750	
CPE Survey	Survey Monkey platform	£ 500	£ 500
	FWA Industry Survey (Members)	£ 8 000	£ 8 000
	Webinar	£ -	£ -
FWA Forum Web page	Single page on GSA site	£ 500	£ 500
FWA Forum e-book	FWA Forum e-book	£ 2 900	
	Design/layout costs	£ 600	
5G Observatory TF	EC27 FWA stats extract report	£ -	£ -
Network X Workshop	Event Support	£ -	£ -
<b>5G Forum (Spain)</b>	5G Forum (Spain)	£ -	£ -
<b>LATAM Webinar</b>	Event Support		
	Marketing and promotion		
SAMENA cooperation	Contribution to FWA newsletters	£ -	£ -
MWC Barcelona F2F	F2F meeting & Networking event	£ 2 100	£ 2 500
<b>Total Costs</b>		£ 20 350	£ 20 500
<b>Balance</b>		£ 1 654	£ 2 554

# Steerco's message

## GOALS

- Define a list of obstacles for 5G FWA adoption to increase the sense of urgency for companies to join the Forum or remain part of the Forum
- Inspire potential task force activities around selected topics in 2026

## Obstacles to 5G FWA growth

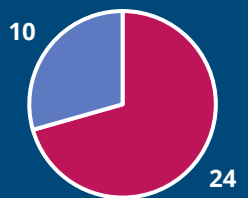
- Market demand captured by alternative technologies
  - Government funding primary allocated to fiber
  - Growth of competing technologies such as non-3GPP/proprietary FWA and satellite
- Monetization
  - Many operators have not launched 5G FWA yet / Lack of visibility of 5G FWA monetization benefits for Operators
  - Lack of growth (*and even decline*) of 5G FWA connections in selected markets
- FWA evolution & future
  - Slow adoption of 5G mmWave FWA and RedCap FWA (in particular, some concerns on capacity)
  - Concerns about 5G network capacity constrains for MBB users implied by FWA adoption
  - 6G development and spectrum allocation (incl. U6GHz\*), including FWA needs
  - Lack of / Limited 5G FWA ecosystem for U6GHz

\* U6GHz stands for Upper 6GHz band (6425–7125 MHz)

# GSA 4G/5G FWA Forum

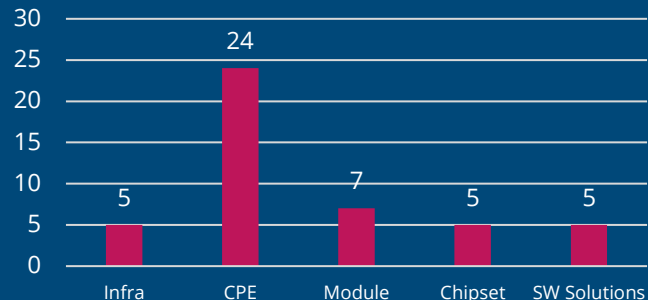
34 companies involved

## Membership Types



Partners Members

## FWA Ecosystem Involvement



Airgain



ATEL

BeamWave

BEC  
TECHNOLOGIES

CHANGHONG

COMPAL

ERICSSON

FIBOCOM



greenpacket



ikotek

InHand Networks

Jointelli  
Connecting intelligences ...

JSC  
Jeju Semiconductor Corp.

MEDIATEK

MegaTower

NetComm

NEXA

NOKIA

Qualcomm

QUECTEL

SAMSUNG

START

STRONG

TCL

Telit  
Cinterion

TOZED KANGWEI

UNISOC

vantiva  
Pushing the edge

WNC  
Wistron NeWeb Corp.

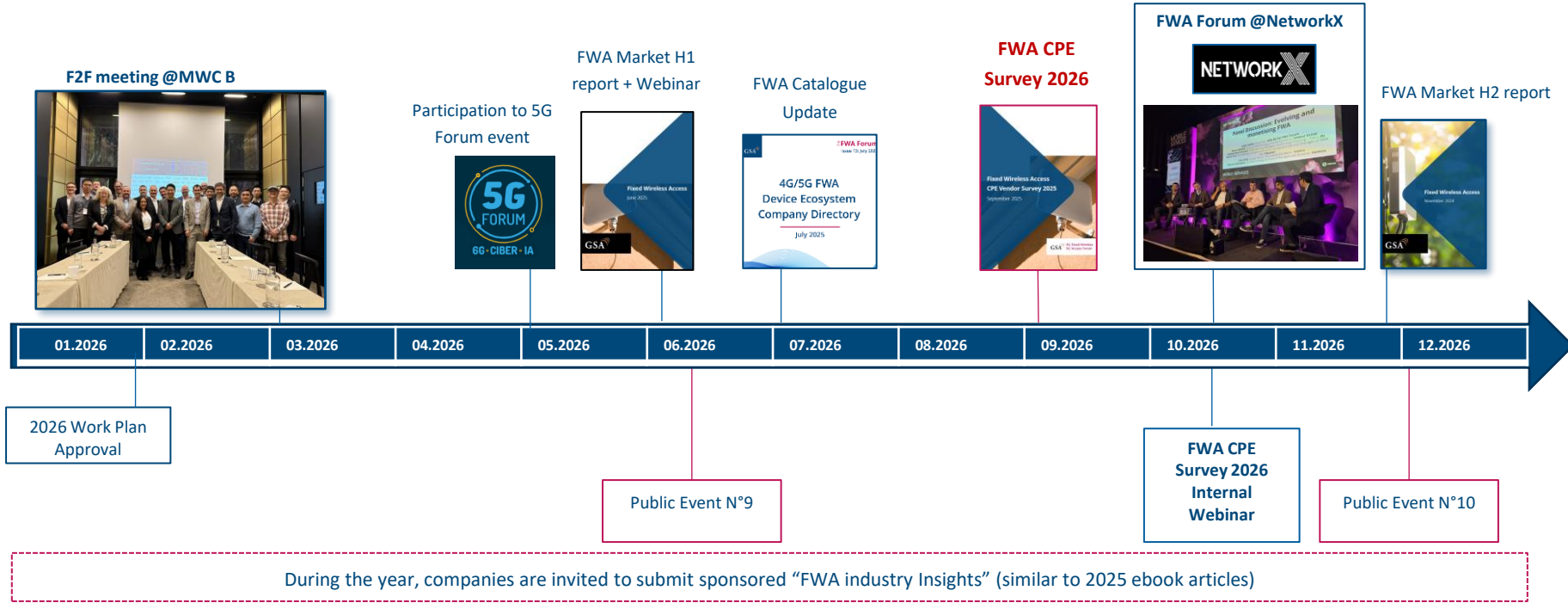
YAOJIN  
PURSUE FOR MORE

ZTE

Activities	
Online <b>Public Events</b>	<b>1 or 2 event(s)</b> – May-June 2026 / Nov-Dec 2026 <i>Note - risk if not enough sponsors or difficulty to secure MNO speakers</i> → at least 1 online Public Event
<b>4G-5G FWA Device Survey</b>	<b>Publish 6<sup>th</sup> edition</b> of internal & external reports + <b>Webinar</b> after publication <i>Note - risk if not enough participation from CPE vendors (e.g. 17 participated in 2025 vs 30 in 2024)</i>
<b>FWA Directory</b>	<b>Continue</b> but no change to feature list, just keep asking vendors to regularly update their products
<b>NetworkX</b>	<b>Participate to NetworkX 2026 to be held in Vienna (Austria)</b> - 14-16 October 2026
<b>GSA FWA Market Reports</b>	<b>2 report editions</b> + 2 GSA Snapshot <b>Webinars</b> (May/June and November/December 2026)
<b>FWA Forum marketing activities</b>	Enrich FWA Forum webpage + <b>Possibility for Partners/Members to propose sponsored articles</b> (similar to 2025 ebook) + Cooperate with SAMENA if opportunity arises + <b>Possibility for Partners to promote their FWA white papers</b> on our platform
<b>FWA Advocacy</b>	<b>Task Forces based on proposals by members</b> + Monitor if we can influence the “EC 5G Observatory” to include a 5G FWA section
<b>MWC Barcelona F2F meeting</b>	<b>Organize a F2F meeting during MWC 2026 in Barcelona</b>
<b>“Spanish speaking event”</b>	Participate to <b>“5G Forum”</b> (May 2026) – Updated Spanish video for 5G Forum’s Virtual Streams <i>Note – depends on Alberto</i>
<b>“2025 Member &amp; Partner Fees”</b>	<b>£600 for partner level and £400 for member level</b>
<b>Chair / Vice Chair for 2026</b>	Continue with Julien Grivolos as Chair and John Yazlle as Vice Chair for 2026

# GSA 4G/5G FWA Forum

## 2026 work plan



### Routine meetings

- Monthly FWA Forum Plenary meetings (last Tuesday of the month)
- Monthly FWA Forum Steerco meetings (1 week before Plenary meeting)

# Public Events

**2026 Work-Plan includes the organization of 2 Public Webinars** if there is enough support

## **The 1<sup>st</sup> public webinar could be held in June 2026**

- Date and time to be frozen based on guest speaker's time zone and availability
- Tentative agenda
  - Intro by FWA Forum Chair
  - GSA Research to present key insights of GSA FWA Market Report H1 2026
  - MNO guest speaker to share FWA best practices
  - FWA Forum Sponsors session
  - Joint Q&A moderated by FWA Forum Vice Chair
- **START** is the 1<sup>st</sup> confirmed sponsor
  
- **CALL for help to invite a MNO guest speaker**
- **CALL for 2 more sponsors – We need your help to make it possible** – Sponsorship fee £500 includes
  - 1min video, 5 slides presentation during the event, logo displayed in all marketing communication.
  - **1<sup>st</sup> come 1<sup>st</sup> serve** – Please contact Joe/Julien by email ASAP

- Survey preparations
  - Survey WG: John Y (chair), Julien G, Peter L, Olivier L, Camilo S
  - Updated Questionnaire for Survey 2026 shared for review in February
    - Main changes detailed in next slide
  - Approval expected during MWC F2F meeting
- Survey implementation
  - Kick-off work to start with CCS Insight after MWC
  - Starting date March 16<sup>th</sup>
  - Closing date April 30<sup>th</sup>

*Note - Today, 24 CPE vendors involved in the Forum in 2026 (vs 43 in 2025), only 11 of them contributed in 2025*

- Survey Results consolidated, reports developed and reviewed by Survey WG
  - Full Internal report and External memo
  - Review proposed reports with SG
  - Request approval of external memo for Plenary
- Publication of external press release with memo on survey results

# Survey WG Questionnaire

*Few changes versus 2025 to be approved during MWC F2F meeting*

## Shipment related questions

- Questions #2 / #6 : Split “Middle East & Africa” into 2 separate areas “Middle East” and “Africa”
- Question #8 / #15 – keep the same terminology of 5G SA Capable for both questions
- NEW - Question #9: “What % of your 5G device shipments in 2025 were RedCap-capable?”
- NEW - Question #16: “What % of your 5G device shipments in 2026 will be RedCap-capable?”

## Macro-economy related questions

- Question #40: “Is your company being affected by external economic factors during 2026?”
- Question #41: “What is the impact of component/inflationary pressures in 2026 for your company?”
- Question #42: “When do you expect these inflationary/component issues to be dissipated?”

## Software related questions

- Question #39 - Updated the ACS protocol questions adding TR-471



~20 companies for a total of ~150 products

4G/5G FWA Device Ecosystem Company Directory

179 (of 179) products shown

Sort By ▼

Suppliers ▲

- Airgain Inc. (1)
- ATEL - Asiateco (9)
- AVM GmbH (3)
- BEC (1)
- Fibocom (11)
- Huawei Technologies (6)

[See 17 more](#)


Product Type ▲

- Any
- Device (100)
- Chipset (3)
- Module (68)
- Software (8)

Technology Level ▲


- Any
- 4G (172)
- 5G (138)

**ZLT M32**  
Indoor Sub 6GHz CPE (FR1)




4G 5G

**ZLT X32**  
Indoor Sub 6GHz CPE (FR1)




4G 5G

**ZLT T6R-A**  
Indoor Sub 6GHz CPE (FR1)




4G 5G


**ZLT X17**  
Outdoor Sub 6GHz CPE (FR1)



**Quectel 5G Sub-6GHz Module RG650E-EU**  
LGA



**Quectel 5G Sub-6GHz Module RG620UA-EU**  
LGA



## Companies with uploaded products

Airgain	Inhand Networks	TCL
Asia Telco	Jointelli	Telit Cinterion
AVM	Mediatek	Tozed Kangwei
BEC Technologies	Megatower	Vantiva
Fibocom	Netcomm	WNC
Four-Faith	Nokia	Yaojin Technology
Huawei	Quectel	

**Companies eligible but not yet participating:**  
Compal, Green Packet, Nexa, Qualcomm, Samsung, START, STRONG, ZTE

***Please keep adding / updating your products!***

*In case of technical issues or missing login details please contact Joe Barrett*

# NetworkX 2026






- **Agreement reached to cooperate again at NetworkX 2026**

- In Vienna (Austria) - 13-15 Oct 2026
- Cooperation contract to be signed in March, Work on Agenda to start in April/May
- **FWA Forum Partners / Members interested to be involved in 2026 FWA session** can be introduced to Informa for sponsorships and will benefit from discounts → Contact Julien by email

- **For reference NetworkX 2025 in Paris**

- **5400+ total attendees** of which 1,400+ telcos, 330+ speakers, and 160+ exhibitors
- **FWA track part of the conference's main programme** - 100 scans during our FWA session, 60% from MNOs (mostly EMEA) – **VANTIVA** and **Fibocom** sponsored the session

## NetworkX 2025 FWA session agenda

<p>14:00 - 14:20 20 mins Mobile Services Chair's Opening Remarks <b>Julien Grivolos</b> - Chair, GSA 4G-5G FWA Forum</p>		<p><b>15th October - Headliners, Tracks, VIP Roundtables and Partner Events</b></p>
<p>14:20 - 14:25 5 mins Mobile Services Three-minute mingles</p>		
<p>14:25 - 14:50 25 mins Mobile Services The Strategic Role of FWA in National Broadband: Beyond Fiber – Achieving Universal Coverage and Copper Switch-Off <b>Julien Grivolos</b> - Chair, GSA 4G-5G FWA Forum <b>Ivan Uremovic</b> - Access Networks Strategy and Planning Director, Hrvatski Telekom</p>		
<p>14:50 - 15:30 40 mins Mobile Services Panel Discussion: Evolving and monetising FWA <b>John Yazlle</b> - Vice Chair, GSA 4G-5G FWA Forum <b>Afnan Ahmed</b> - Director NW Strategy and Architecture, Telenor Group <b>Mohammed Youssef</b> - FWA Planning Manager, Technology Planning - Telco, du <b>Simon Tao</b> - VP of Wireless Solutions Business Group and General Manager of MBB BU, Fibocom <b>Chris Hill</b> - Group Owner - Broadband &amp; Media, Telstra <b>Olivier Lafontaine</b> - 5G FWA Strategy and Product Management Director, Vantiva</p>		



# “FWA Industry Insight” articles

- **Goal is to provide several insight articles about FWA market developments during 2026** → Similar to 2025 e-book’s articles
- Same approach
  - **Richard is in charge of the editorial support**
  - Richard has developed a **template in word format**
  - **£500 sponsorship per article** to cover editorial/marketing costs for these articles
  - Articles **promoted on GSA website, GSA Pulse Newsletter and social networks**
  - **Steerco to review the article** prior to publication

- For reference, e-book 2025 articles ([link](#)):

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- **FWA Forum Fees**

- **AP – ALL** – Proceed with payment **ASAP**

- **CPE Survey 2026**

- **AP – John** – Sync with GSA Research to be ready to launch the 2026 CPE survey – **Mid-March 2026**
- **AP – Joe** – Send link to the survey with unique identifier code to CPE vendors – **23<sup>rd</sup> March 2026**
- **AP – CPE vendors** – Complete the online survey – **Deadline = 30<sup>th</sup> April 2026**

- **Public Event N°9**

- **AP – ALL** – Propose speakers from MNO community to share FWA best practices
- **AP – ALL** – Companies interested to sponsor, please contact Joe/Julien – 2 sponsorship opportunities available
  - **Start** already confirmed as 1<sup>st</sup> sponsor

- **Industry Insight Articles**

- **AP – ALL** – Companies interested to propose a sponsored Industry Insight article, please contact Richard/Julien

- **NetworkX 2026**

- **AP – ALL** – Interested companies to participate to the FWA session and benefit from sponsorship discounts can contact Julien

- **Next GSA 4G/5G FWA Forum meeting – 28<sup>th</sup> April 2026 – 8am UK / 9am CET**

- Agenda: Updates about FWA Forum Work Groups & Budget

# Agenda

- GSA Welcome (Joe)
- GSA 4G-5G FWA Forum Meeting 57 (John)
- Group Photo and short break
- GSA RedCap SIG overview (Patrik)
- GSA PMN SIG overview (Simon)
- Networking session

Thank you!

Time for tapas!