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## INTRODUCTION

Dear WiMAX Community,

This October the **WiMAX Forum** Smart Energy Working Group is holding the first WiGRID Certification Event and PlugFest. The event is currently taking place in Knoxville, Tennessee at Electric Power Research Institute (EPRI). Last year's first WiGRID PlugFest event established the baseline for interoperability and a foundation for certification. This year's WiGRID Certification Event brings together a mix of global utility equipment vendors to not only enhance interoperability, but also test and certify equipment in multiple frequency bands. In addition to this, the event will allow vendors to conduct testing at higher layers and demonstrate interoperability across a number of different applications.

**WiGRID** is a new IEEE 802.16 system profile developed by the WiMAX Forum against the requirements of the Utility industry. The WiGRID Certification Event has been designed to provide an opportunity for WiMAX equipment manufacturers serving the Smart Energy sector to test the interoperability of their products against use case scenarios specifically drafted by the Utility Industry. It will showcase their capabilities to the Smart Energy Ecosystem.

Congratulations to the **Smart Energy Working Group** for reaching this important milestone. The Forum would also like to thank the Technical Working Group and Certification Working Group for their close collaboration and assistance in facilitating the completion and approval of all the necessary components to make this happen. We look forward announcing the first "WiGRID Certified" products in the near future.

We would also like to remind you that the WiMAX Forum will soon begin its renewal season. Many of our members are renewing their annual memberships, and our membership and finance teams have been working together to make certain that this process goes smoothly for everyone.

Many of your companies should be hearing shortly from our membership team, and they will be happy to answer any questions that you have. If you have questions regarding your membership status, please send a message to [membership@wimaxforum.org](mailto:membership@wimaxforum.org), and we will respond as quickly as possible.

If you have questions regarding any of this or our organization's activities, please reach out to us. Have a great rest of the month.

Best Regards,

The WiMAX Forum

## EVENTS

In October, the WiMAX Forum continues to stay busy planning and attending events. The WiMAX Forum team looks forward to seeing you at our events this year. The following is the summary of the upcoming events:



**WiMAX Oil & Gas 2013** will be a pre-conference session at **OilComm** on Wednesday, November 6th, 2013 at the Hilton Americas in Houston, TX. The event will focus specifically on supporting the Oil & Gas community in deploying effective and affordable WiMAX networks to support their communication initiatives.

All operators and vendors are invited to this event to meet, network and discuss ideas with the goal of fostering a prosperous environment and future for the WiMAX Oil & Gas ecosystem. The event will highlight the opportunities, challenges and strategies involved in operating a profitable WiMAX network.

This event is constructed to allow the participants to network, share key lessons and work together for the benefit of the industry. Our goal is for attendees to gain concrete knowledge that will help them build profitable WiMAX businesses.

WiMAX Oil & Gas 2013 will be an interactive conference. Participation in this event is free to attendees of the OilComm Full Conference Program. WiMAX Oil & Gas 2013 is open to all participants of the WiMAX ecosystem, and membership in the WiMAX Forum is not a requirement to attend.

For additional information and registration, please visit: [WiMAX Oil & Gas 2013](#)



**WiMAX Africa 2013** will be collocated with Informa Telecom & Media's **AfricaCom** on Monday, November 11th at the Cape Town Convention Centre in Cape Town, South Africa. Last year's WiMAX Africa event attracted over 100 attendees including 46 representatives of 32 different WiMAX operators. This year's event will focus specifically on supporting the African operator community in developing and managing profitable growth of WiMAX network deployments.

WiMAX Africa 2013 is an event for all participants, both operators and vendors, to meet, exchange ideas, and develop business and cooperative relationships. The event will highlight the opportunities, challenges, and strategies involved in operating a profitable WiMAX network in Africa.

WiMAX Africa 2013 will be an interactive working event, and there is no registration fee. Membership in the WiMAX Forum is not a requirement to attend.

WiMAX Africa 2013 participants will receive a special discount of **25%** on the registration for AfricaCom. Please email [Sophia.Chang@WiMAXForum.org](mailto:Sophia.Chang@WiMAXForum.org) for the discount code.

For additional information and registration, please visit: [WiMAX Africa 2013](#)



The [Smart Grid Latin American Forum](#) will be on **November 26-28, 2013 at the Frei Caneca Convention Center in Sao Paulo, Brazil**. The Smart Grid Latin American Forum was organized in 2008 and has been leading discussions, dissemination, and feasibility of Smart Grids in **Latin America**. The Smart Grid Latin American Forum counts with a massive adhesion of energy professionals in the region, and aims to align public and private agents around a shared vision.

#### **The WiMAX Forum will be at Smart Grid Latin American Forum!**

Come see WiMAX Forum President [Declan Byrne](#) discuss **Operational Considerations for Deploying Smart Grid Networks**.

The WiMAX Forum members will receive a special discount of **20%** on the registration. Please email [Alessandra.Rocha@WiMAXForum.org](mailto:Alessandra.Rocha@WiMAXForum.org) for the discount code.

For more information and registration, please visit: [Smart Grid Latin American Forum](#).

#### **Sponsorship Opportunities:**

Increase your presence at the WiMAX Forum events through a sponsorship! Our high-profile events offer sponsors excellent visibility before, during and after the event.

#### **Sponsorship opportunities include:**

- Media Sponsorship
- Diamond Sponsorship (*WiMAX Forum Members Only*)
- Platinum Sponsorship (*WiMAX Forum Members Only*)
- Gold Sponsorship (*WiMAX Forum Membership **NOT** Required*)

For more information about which event sponsorship may best suit your needs, please contact Alessandra Rocha at [Alessandra.Rocha@WiMAXForum.org](mailto:Alessandra.Rocha@WiMAXForum.org).

**The WiMAX Forum plans to host and participate in other events over the course of 2013. In 2014 we will continue in our efforts** to bring you quality events directly hosted by the WiMAX Forum, and will also have a presence at key industry events. As details concerning these events are finalized, we will be certain to keep you informed.

For more information about our events, please visit: [WiMAX Forum Events](#)

## MEMBERSHIP SERVICES

There are currently 101 members of the WiMAX Forum in good standing. The WiMAX Forum would like to extend a special welcome to the newest members in 2013:

- [Burco Electronic Systems](#)
- [BusyInternet](#)
- [ConvergEX](#)
- [MitraStar Technology Corporation](#)
- [Siemens](#)
- [Synkro Southwest, LLC \(Local Loop\)](#)
- [uMAX \(Dandemutande Investments \(Pvt\) Ltd\)](#)
- [Xcel Energy](#)

The WiMAX Forum is committed to delivering the value necessary for our members to get the most of their association with the WiMAX Forum, and we are always happy to engage with individual members to discuss how the WiMAX Forum can better serve its membership.

If you have questions regarding your membership, please contact Raul Rigo at [Raul.Rigo@WiMAXForum.org](mailto:Raul.Rigo@WiMAXForum.org); +1-305-582-7590.

**The WiMAX Forum is the best place for our members to access, leverage and influence the growth and development of the WiMAX industry.** So be a leader in WiMAX and step up to get involved today!

## INDUSTRY SPOTLIGHT

### **KDDI Brings WiMAX Smart Meters to Japan**

As they deploy smart meters, utilities find that one of the main challenges is transmitting the data from the meter to the utility. Wireless technologies offer the most cost-effective and reliable solution in many cases.

In this [conversation](#) between Fumio Watanabe, Executive Advisor at KDDI, and Monica Paolini of Senza Fili Consulting, learn about the trial that the Japanese operator KDDI is executing with the Kyushu Electric Power Company, using UQ's WiMAX network. WiMAX is uniquely well placed to meet the utility's requirements to reliably connect to millions of homes and businesses and provides a more cost-effective solution to both operator and utility than would cellular or proprietary fixed-wireless technologies.

The trial began in 2012 and has already affected many smart meters. Commercial deployment will replace all legacy meters with smart meters by 2023.

The conversation with Fumio Watanabe at KDDI was sponsored by the WiMAX Forum. You can watch the video [here](#).

### **Conversation with Fumio Watanabe on KDDI's Smart-Meter Trial in Japan**



You can download a transcript of the conversation with Fumio Watanabe [here](#).

#### **Sponsored By:**



## WORKING GROUPS

The WiMAX Forum **Working Groups** are the key to the development of WiMAX technology. Working Groups are chartered by the WiMAX Forum to bring together content experts from member companies to contribute to and harmonize documents and specifications and perform other tasks that the WiMAX Forum has determined to be necessary or useful. Principal members of the Forum have the opportunity to participate as officers of working groups when there are vacancies and to vote on working group output.

The WiMAX Forum organizes its technical activities through a number of Working Groups that produce technical requirements, develop technical specifications, or advise the forum. These groups are coordinated by the Technical Steering Committee. The WiMAX Forum Working Groups include:

- **SPWG** - Service Provider Working Group - *Requirements*
- **SEWG** - Smart Energy Working Group - *Requirements & WiGRID Initiative*
- **AWG** - Aviation Working Group - *Procedures & Aviation Initiative*
- **NWG** - Network Working Group - *Technical*
- **TWG** - Technical Working Group - *Technical*
- **CWG** - Certification Working Group - *Technical*
- **GRWG** - Global Roaming Working Group - *Technical*
- **RWG** - Regulatory Working Group - *Advisory*

If you are not a member of a Working Group yet, you can request to join on the group's **Home Page**. Or if you want to take an active role in one or more of the Working Groups, you can use the group chair link on that same page to contact the Chairman of the group and to see how you can help.

We still have remaining vacant officer positions. If you or someone from your company is interested in becoming an officer of a Working Group, please contact that Working Group's Chair or the TSC Chair for details.

- **NWG** – Chair, Vice Chair & Secretary
- **TWG** - Chair & Secretary

### **Your participation is important to the WiMAX community!**

You can learn more about the Working Group activities by visiting the member's area in Kavi and viewing the outcome of recent Working Group sessions or joining groups to receive emails related to that group's activities. Working Group activity is integral to the success of the Forum.

If you or your company is interested in nominating someone for a working group leadership role, please contact the TSC Chair Rich Hawkins at [Rich.Hawkins@WiMAXForum.org](mailto:Rich.Hawkins@WiMAXForum.org)

## WiMAX FORUM NEWS

The WiMAX Forum, in partnership with Multiview, has launched its weekly WiMAX Newsbrief. This weekly summary of news from around the WiMAX ecosystem is intended as a benefit to our members. If you do not yet receive the Newsbrief and wish to do so, please sign up here: [WiMAX Newsbrief](#).

**Below is a summary for the month of October:**

- [WiMAX – aviation's preferred choice](#)
- [WiMAX Oil & Gas 2013 at OilComm Conference](#)
- [Accenture and Siemens form joint venture to unlock full benefits of smart grids](#)
- [BTRC set to award WiMAX license to Ollo](#)
- [4G Technologies & Network Design Boot Camp](#)
- [Siemens Malaysia wins leadership award in smart grids from global consultants](#)
- [Despite disasters and strife, technology education a topic in Haiti](#)
- [Freshtel starts services in Samara, Tolyatti](#)
- [TRA: 830 villages in the sultanate still lack telecommunication services](#)
- [State aims to bridge digital divide](#)
- [KDDI brings WiMAX smart meters to Japan](#)
- [WiMAX Oil & Gas 2013](#)
- [WiMAX Africa 2013](#)
- [4G360 new job board](#)
- [Nepal's Internet base grows to 7.14 million in August](#)
- [Enforta delivers satellite Internet for gold mines](#)
- [4G Technologies & Network Design Boot Camp](#)
- [The world online: The ITU provides the numbers](#)
- [WiMAX Forum partners with Light Reading India for upcoming conference](#)
- [KDDI brings WiMAX smart meters to Japan](#)
- [Making sense of 46 million smart meters and 1 billion data points every day](#)
- [EUTC 2013](#)
- [Providing sophisticated solutions and services for tomorrow's wireless world](#)



- **Mobile telephone penetration reaches 182 percent to 2.5 million**
- **The 1st free wireless plan is finally here**
- **Internet providers mull a more competitive future**
- **Bahrain mobile users hit 2.25 million**
- **WiMAX Forum advances in industrial markets**
- **Internet users in Montenegro increase 9 percent year over year in August**
- **Aegis Graham Bell Awards 2013**
- **WiMAX Africa Operators Summit**
- **Enforta FY revenues to reach \$93,000 this year**
- **Giraffe offers new WiMAX modem, expands network**
- **September 2013 WiMAX Forum Monthly Newsletter**



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