GridWise® Architecture Council Workshop

The Impact of Local Policy on Smart Grids

August 28-29, 2012
Seattle, Washington

To promote discussion among the broad stakeholders of the electric power system, the GridWise Architecture Council (GWAC) is planning a series of workshops to examine practical applications of tools and solutions that transform conventional grids into smart grids. We expect a lively dialogue among our invited speakers, guests, and GWAC members.

The next GWAC Workshop is scheduled for August 28 and 29 in Seattle, Washington in conjunction with a GWAC meeting. There is no charge to attend the workshop or the GWAC meeting. The theme is the influence of local policy makers and technical champions on smart grids. This is a new view of what can be done at the local community level to complement national or regional level activities.

We have invited speakers active at the community level who are advancing smart grids with citizen participation and creating new business opportunities. The objectives of the workshop are to identify local community best practices for smart grid development, interoperability challenges faced by community smart grid projects, policy gaps, and key process steps.

Our speakers will address:

- Solar power installations with net metering
- Combining solar and conventional power sources into a smart grid
- The role of central generation as a battery for local power
- Integrating customer equipment into a smart grid
- Facilitating electric vehicle use by businesses and residents
- Creating local employment with community smart grids
- Local impact on reducing greenhouse gas emissions

Among our speakers are:

- Judith Cullington, City Councillor, Colwood, British Columbia http://cullington.ca
- Andrew Moore, Solar Project Manager, T'Sou-ke First Nation http://www.tsoukenation.com
- Ludo Bertsch, President, Horizon Technologies http://www.horizontec.com
- Ken Regelson, founder of EnergyShouldBe.org, Boulder ,Colorado
- Gary Nystedt, Resource Manager, Ellensburg, Washington
- Professor Robert Pena, Integrated Design Lab in the School of Architecture and Built Environments, University of Washington

Please contact Sherry Kowalski to reserve your space at this workshop.

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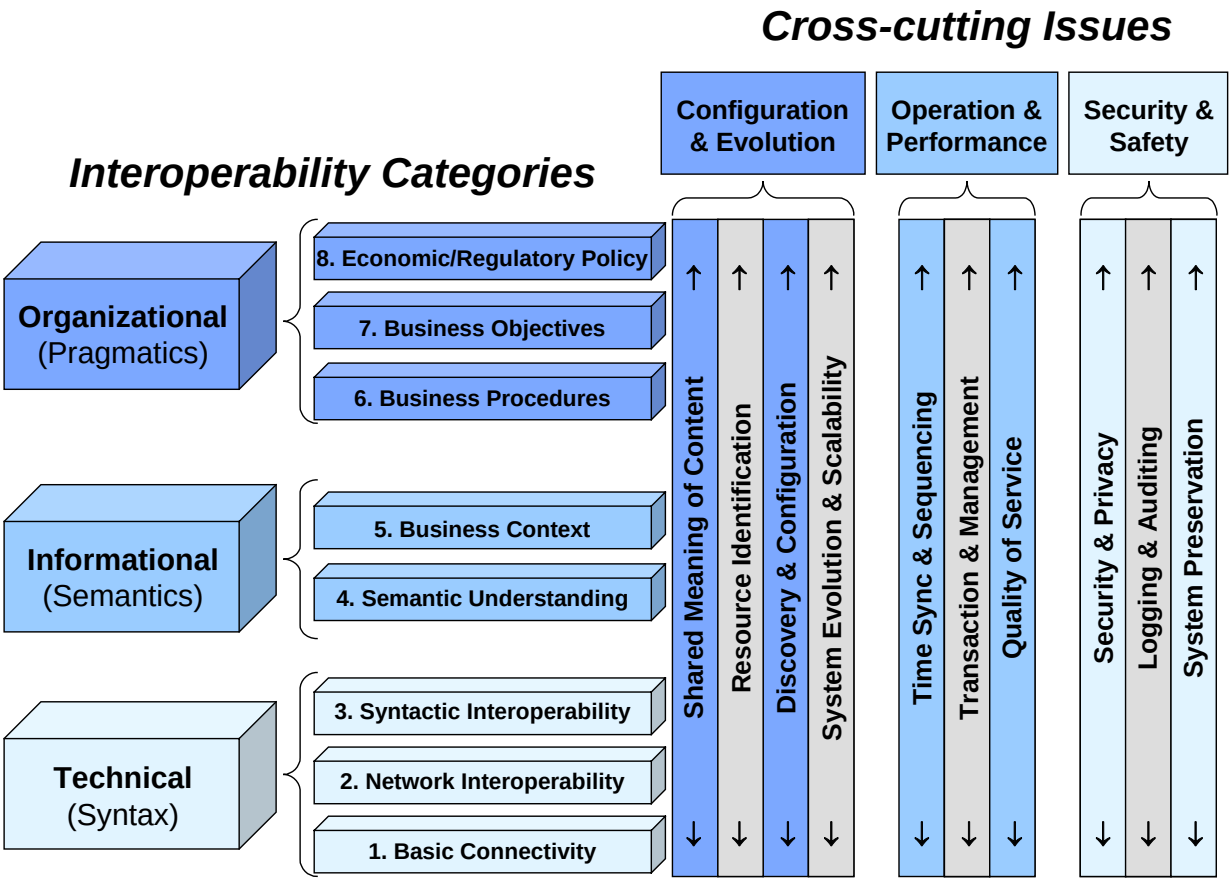
GridWise® Architecture Council Background

The GridWise® Architecture Council (GWAC) was formed by the U.S. Department of Energy to promote and enable interoperability among the many entities that interact with the nation's electric power system. The 13 GWAC members are a balanced and respected team representing the many constituencies of the electricity supply chain and users. The GWAC maintains a broad perspective of the industry and provides guidance and tools as practical resources for implementing smart grids.

One of the tools created by the Council is the *Interoperability Context Setting Framework*, which is the source of the widely-used *GWAC Stack* shown below. The top layer of this stack addresses the imperitive to consider non-technical regulatory and policy dimensions to interoperability as prerequisites for implementing smart grid technology. In other words, achieving smart grids requires not just technological solutions, but also involves informational and organizational challenges.

Interoperability Framework



GWAC Interoperability Context-Setting Framework, aka the *GWAC Stack*

Find GWAC news and information at:
www.gridwiseac.org
https://twitter.com/#!/GridWiseAC