

Standards Efforts in the Rest of the World

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IEC

- Slides from
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IEC Smart Grid management

*Standard Management Board
Smart Grid Strategic Group (SG3)
(13 National Committees)*

*NIST
liaison*

TC57

TC 8

TC 13

TC 64

TC 69

⋮

TC x

TC y

⋮

ISO/IEC JTC1

TC 88

TC 82

TC 23

TC 65

TC 56

TC 77

24 TCs - 100 standards

Strategy in 10 decisions

- <http://www.iec.ch/smartgrid/> offers the current IEC Smart Grid Framework
 - Strategy:
 - make the most of existing standards
 - make the TCs manage themselves their activities in a sustainable way
 - address the new sector of « Connecting the Consumer applications »
 - standards worth only if compliance can be assessed
 - strategy worth only if followed by action
-

Make the most of existing standards

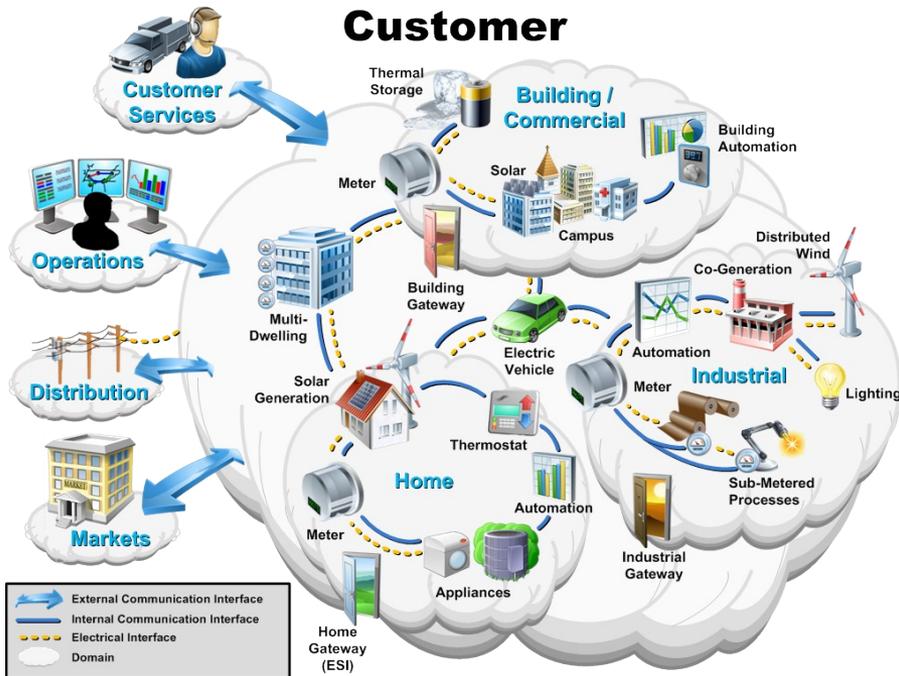
- *D1: TCs will provide practical guidelines to increase current usability of standards*
 - *One pager guidance*
 - *Collective communication*
- *D2: Fast-track new standards to close the gaps*
 - *Inventory worldwide standards development*
 - *TCs update Strategic Business Plan within 60 days*
- *D3: Set up a Feedback process for continuous improvement .*

Done

Make the TCs manage their activities in a sustainable way

- *D4: Across the IEC Smart Grid Framework, the “Application Domain” TCs must use the methods delivered by the “Horizontal” TCs included in the Framework*
 - *D5: The “Application Domain” TCs must develop their own Data Models and Test Cases*
 - *D6: Accelerate the harmonization of IEC 61850 and CIM (TC57)*
 - *D7: Deliver generic Use Cases (TC8)*
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Address the new sector of «Connecting the Consumer applications»



CONSUMER
APPLICATIONS,
SMART HOMES
AND BUILDINGS,
PHEV

- *R 8: Establish a new TC or SC on “connecting the consumer applications”? (on going instruction)*

Standards worth only if compliance can be assessed

- *D 9: Add a Smart Grid certification process to the IEC System family (to be instructed by IEC CAB)*



A PERMANENT ORGANIZATION FOR SUSTAINABILITY

- *D 10: Add operational management of the IEC Smart Grid Framework*
 - *Action beyond decision*
 - *Extend SG3 charter to monitor the implementation of the decisions*
 - *Organize a TC's Officers workshop to speed up rolling out*

Done
