



ANSI – ESO Conference
Transatlantic Standardization
Partnerships on E-Mobility/Electric
Vehicles, Energy, and Security

October 12, 2011



Smart Grid

Presented by
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Chairman SG-CG

ANSI – ESO Conference: Transatlantic Standardization Partnerships
on E-Mobility/Electric Vehicles, Energy, and Security

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Overview

- Smart Grid
 - European Mandate M/490
 - European Standardization Activities
SG-CG Smart Grid Co-ordination Group
 - International Collaboration
EU-US Whitepaper

European Mandate M/490

- Goal
 - Set of consistent standards
 - Support implementation
- Deliverables
 - Reference Architecture
 - Sustainable Processes
 - First Set of Standards
- Time Frame
 - Starting Date 01.05.2011
 - “Umbrella” mandate end 2012



European Standardization Activities

Smart Grid Co-ordination Group

Organization

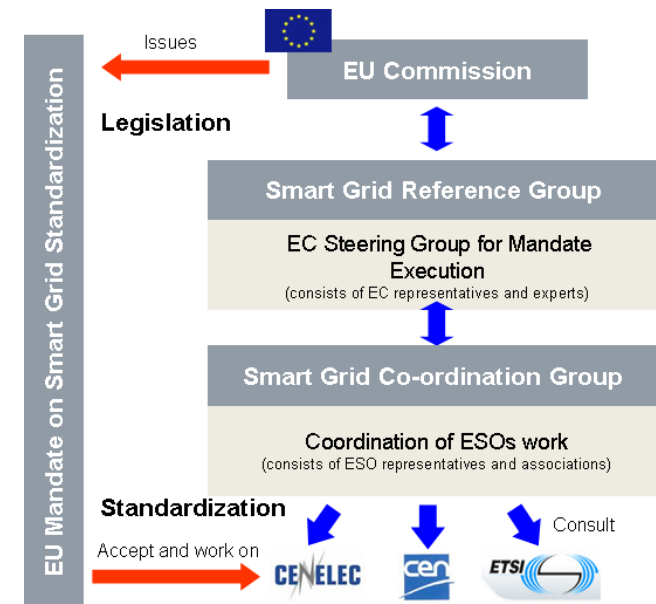
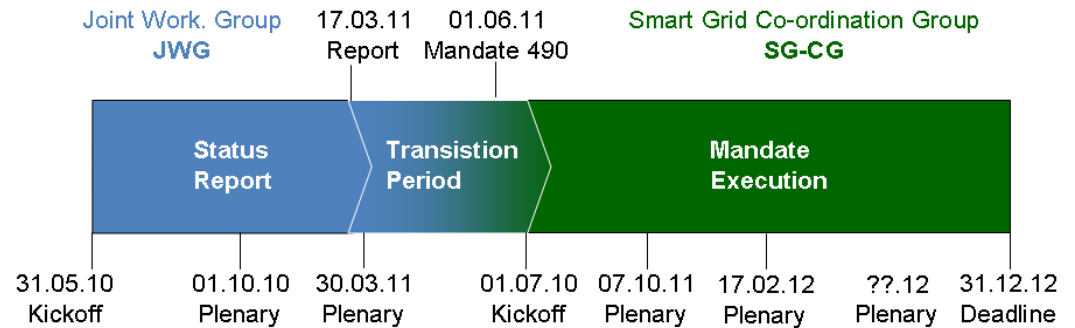
- Successor of JWG
(Mai 2010-June 2011)
- established July 2011

Participation

- Approx. 50 EU associations
(representing all interested stakeholder)

Main Task

- Coordinate Mandate Execution
- International collaboration



International Collaboration



JISC Meeting, Tokyo, Nov.2010

□ Formal agreements

- IEC
- ISO
- ITU-T, 3GPP

□ Observers

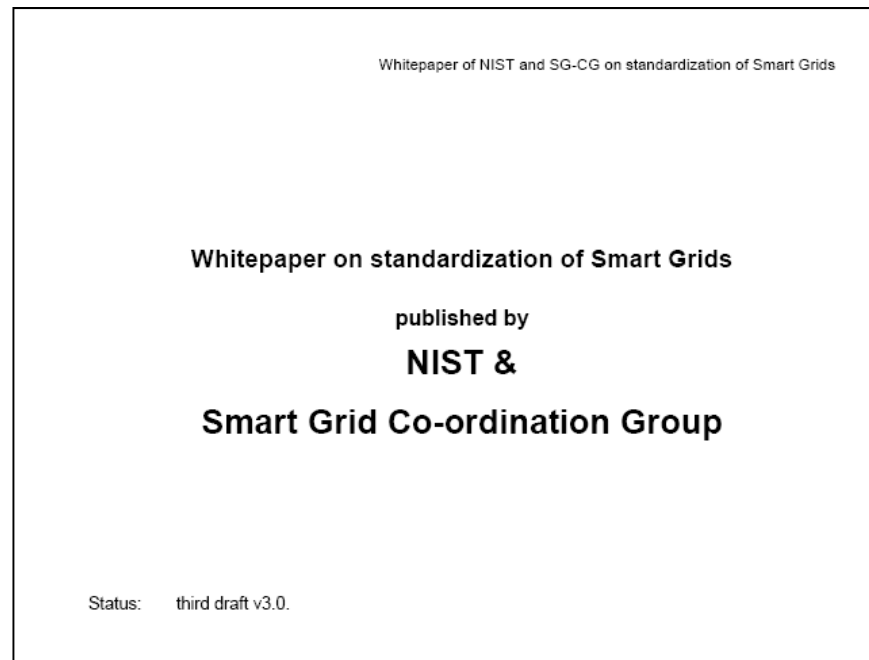
- NIST
- JISC

□ US-EU Collaboration

- White Paper published 12.09 at Grid Week

— CEN: <http://www.cen.eu/cen/News/PressReleases/Pages/SmartGridStandardsDevelopment.aspx>

— CENELEC: http://www.cenelec.eu/pls/apex/f?p=WEB:NEWSBODY:1948780659821220::NO::P300_NEWS_ID:65



Whitepaper NIST & SG-CG Sept. 2011



International Collaboration EU-US Whitepaper

□ Common Goals

- Strive for global solutions
where appropriate within the constraints of our policy objectives
- Don't reinvent the wheel
- Flexible standards framework
- Common conceptual model
- System level top down approach
- Organization and processes
for standardization
- Synchronization of work

□ Areas of Collaboration

- Key messages
- Architecture
- Priorities
- Information
exchange



Thank you for your attention

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