COORDINATED SECURITY ANALYSIS Status report

Convenor: Jean-Philippe Paul

SO ESC 15 December 2017



Scope of CSA methodology



Transmission System Operation guidelines (SOGL)

prical authoring needs. We specialize in information; how to coronize it, how t id and understand the things they need to know. luthorTech helps you create more effective reports. PowerPoint presentations, bids and

(Uther led helps you create more effective reports, between the resemblishings to a said lill begin of technical documentation, midding full before facilies, Reference Remarks, Configuration Guides, Installation Guides or Tatorials, and also provides high quality contentation solutions. Our team has expertise in this field which moons we indestrand our clients' needs and have the skins, and just as importantly the

Several methodologies or documents to be developed by **TSOs** definitely a different thirker from others, being deeply passionate about creative unting and documentation. His strong commitment towards nurturing the latent professional traits has earned him accolades from all his trainees. Rajesh can be contacted at

resource and finance; she has pursued her BA in English from Sri Krishnadevarayo

Article 75↔

Methodology-for-coordinating-operational-security-analysis¶

By 12 months after entry into force of this Regulation, all TSOs shall jointly develop a · proposal · for · a · methodology · for · coordinating · operational · security · analysis . · That methodology shall aim at the standardisation of operational security analysis at least per·synchronous·area·and·shall·include·at·least: ¶

Article 75

Article 84

Article-84+

 $Methodology: for \cdot assessing \cdot the \cdot relevance \cdot of \cdot assets: for \cdot outage \cdot coordination \P$

By 12-months after entry into force of this Regulation, all TSOs shall jointly develop a methodology at least per synchronous area, for assessing the relevance for the outage coordination: of: power: generating: modules,: demand: facilities,: and: grid: elements: located in a transmission system or in a distribution system, including closed distribution systems.¶



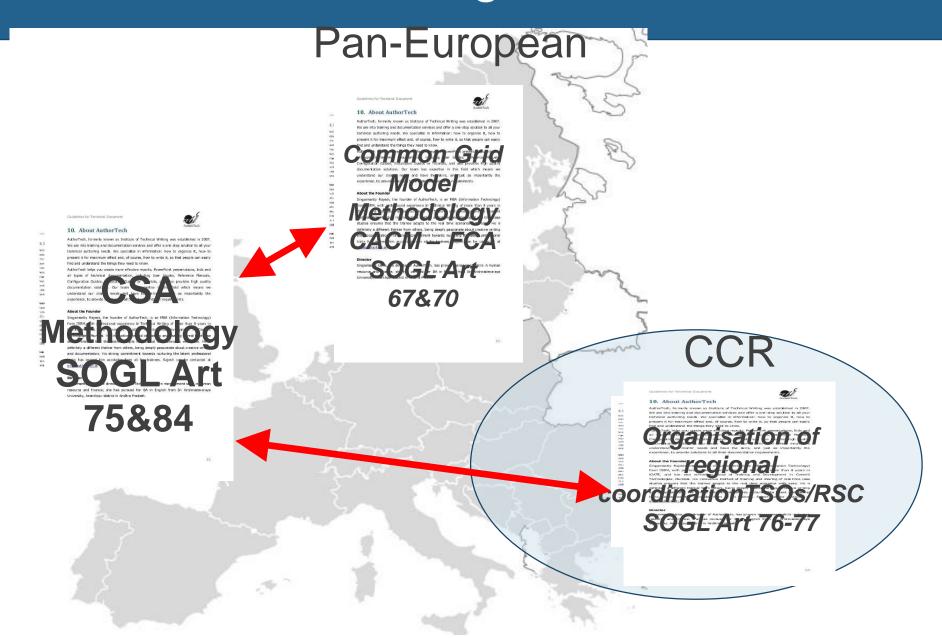
What shall the methodology address?

Overview of topics required by SOGL

- · (i) Influences
 - Observability area, External contingency, Relevant assets for outage coordination
- (ii) Common risk assessment
 - · Contingencies and accepted impacts, (remedial actions) probabilities
- (iii) Dealing with uncertainties
 - Effects of uncertainties on injections, forecast updates
- (iv) Coordination between RSCs
 - Coordination and information exchange
- (v) Role of ENTSOE
 - Common tools governance, data quality, monitoring



Main links with other methodologies





Organization and timeline

Expected timeline



