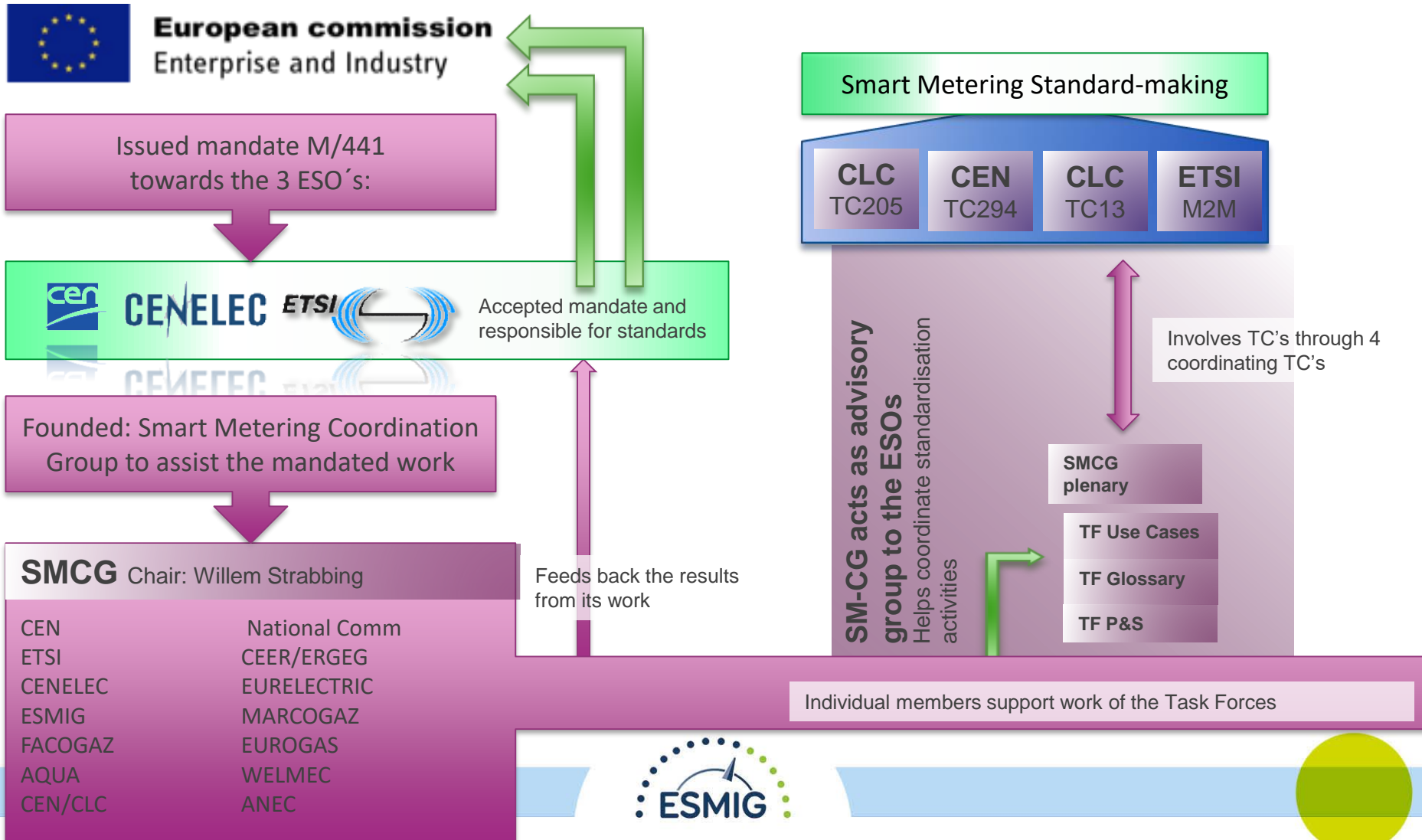


# Security certification of Smart Meters

Willem Strabbing



# The Smart Meters Coordination Group



# Protection Profile for Smart Meters

- Based on a common set of security requirements in Europe
- Certification approach based on CC
  - » Fits the product and similar to existing approaches
  - » Mature
  - » Mutual recognition
- Certified under the Dutch CC scheme
- Mandatory / voluntary?
- Maintenance?

## Certificate

Standard	Common Criteria for Information Technology Security Evaluation (CC), Version 3.1 Revision 5 (ISO/IEC 15408)
Certificate number	<b>PP-19-0040161</b>
Certificate holder and developer	TÜV Rheinland Nederland B.V. certifies: <b>European Smart Meter Industry Group</b> Boulevard A. Reyers 80,1030 Brussels, Belgium
Product and assurance level	<b>Protection Profile for Smart Meter Minimum Security requirements, Version 1.0</b> Assurance Package: <ul style="list-style-type: none"><li>• EAL3 augmented with ALC_FLR.3</li></ul>
Project number	<b>0040161</b>
Evaluation facility	<b>BrightSight BV located in Delft, the Netherlands</b> Applying the Common Methodology for Information Technology Security Evaluation (CEM), Version 3.1 Revision 5 (ISO/IEC 18045)
 Common Criteria Recognition Agreement	The IT product identified in this certificate has been evaluated at an accredited and independent evaluation facility using the Common Methodology for IT Security Evaluation version 3.1 Revision 5 for conformance with the Common Criteria for IT Security Evaluation version 3.1 Revision 5. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the appropriate verification report. The evaluation has been conducted in accordance with the provisions of the Netherlands scheme for certification in the area of IT security (NEN-ISO/IEC 18045) and the conditions of the evaluation facility in the evaluation technical report are consistent with the scope and objectives. This certificate is not an endorsement of the IT product by TÜV Rheinland Nederland B.V. or by other organisations that recognise or give effect to this certificate, and no warranty of the IT product by TÜV Rheinland Nederland B.V. or by any other organisation that recognises or gives effect to this certificate, is either expressed or implied.
 SDGIS	
 ISO/IEC 18045	
Validity	Date of 1 <sup>st</sup> issue : 19-11-2019 Certificate expiry : 19-11-2024
 RVA Accredited by the Dutch Council for Accreditation	 C. P. A. J. in Houten, LSM Systems TÜV Rheinland Nederland B.V. Westenroordsplein 73, 8527 AV Arnhem P.O. Box 5220, NL-6802 CC Arnhem The Netherlands

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