



The Standards People

STF 561

Smart cities and communities: standardization
to meet citizen and consumer requirements

Open Meeting Summary

Presented by: **Dr Jacqui Taylor**

For: **STF 561 Open Meeting**

22.01.2020



Agenda

- ✔ Registration and welcome coffee
- ✔ Welcome and introduction
- ✔ ANEC – consumers as citizens
- ✔ European Commission - policies on Smart Cities
- ✔ Introduction to the Smart Citizen Report and recommendations
- ✔ Panels 1 to 4
- ✔ Rapporteur's feedback



Welcome Address

Welcome and introduction

John Ketchell Leader ETSI STF561



- ✔ Background to the ETSI Special Task Force (STF)
- ✔ Background to the Technical Report
- ✔ A citizen focus is missing in global standardization
- ✔ Draft recommendations are being presented
- ✔ Introduction to each of the 4 panels
- ✔ Next steps and the STF outline plan

Consumers as citizens

Consumers as citizens

Stephen Russell, Secretary-General, ANEC [<https://anec.eu/>]



- ✔ ANEC is the Consumer voice of Europe's citizens created in 1995 to represent the collective voice of European citizens
- ✔ Evolution of the agenda in January 2019. ANEC has a wide brief from standardization to surveillance and enforcement
- ✔ Bridges the deficiency of experts in 34 European countries and goes beyond standard codes
- ✔ Are consumers citizens? Stephen demonstrated that definitions are blurred
- ✔ Harmonised European Legislation and Regulation supports a standardization agenda
- ✔ Europe is more sensitive to the use of personal data
- ✔ Collaborative standards are needed from Europe's new Smart City CEN TC 465

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Technical Report

STF 561 Draft ETSI Technical Report



STF 561 Team: John Ketchell, Emmanuel Darmois, Dr Jacqui Taylor, Ricardo Vitorino

- ✓ STF Team outlined the work programme so far
- ✓ An overview of the recommendations presented
- ✓ Major issues to address were discussed
- ✓ Standardisation agenda can address the issues
- ✓ 3 Types of recommendations were presented:
 - ✓ Guidance for Cities [recommendations 1 – 6]
 - ✓ Codes of Conduct [recommendations 7 and 8]
 - ✓ Additional standards identified [recommendations 9 to 13]
- ✓ Next steps agenda was outlined

STF 561 Draft Report – Questions and Answers



STF 561 Team: John Ketchell, Emmanuel Darmois, Dr Jacqui Taylor, Ricardo Vitorino

- ✓ Q1 – How can we support cities better to participate in standardization?
 - A1 – Additional forum needed, National Standards Bodies mechanism not working
- ✓ Q2 – An agreed European definition of a Smart City is needed?
 - A2 – This needs to be informed by the European Commissions policy agenda
- ✓ Q3 - Need to develop a smart region agenda?
 - A3 – Agreed this needs to be addressed. All Ireland initiative is a good example
- ✓ Q4 – Spanish National Standards Body standards might be a risk to the development of European wide standards?
 - A4 – The STF report recommends the orchestration of a collaborative not a competitive environment

Panel Sessions

1 and 2

Panel 1 – Setting the scene – Smart City challenges

Moderator: Ricardo Vitorino, ETSI STF 561



- ✓ Panel : Franck Boissière, DG CNECT/E.4, European Commission, Niall Connolly, Vice-President, All-Ireland Smart Cities Forum , Nikolaos Kontinakis, Eurocities, Davor Meersman, Open and Agile Smart Cities
- ✓ Each panel member provided an overview from their perspective. Key points raised were:
 - ✓ Need to establish what cities need from standardization
 - ✓ Peer learning is essential but is not supported currently
 - ✓ Vendor lock in is a key issue for cities but standards agenda is driven by large vendors
 - ✓ Standardization perspective from a global level is key for many large cities
 - ✓ Digitisation not standards is a focus for cities due to increased risks and lack of resources
 - ✓ Need to demonstrate the benefits of standards to citizens

Panel 2 – Citizen needs in their environment and with authorities



Moderator: Emmanuel Darmois, ETSI STF 561

- ✓ Panel : Nikolas Fioratos, Vice Chairman, ETSI TC HF, Alejandro Moledo, European Disability Forum <http://www.edf-feph.org/>, John Zib, European Integrated Partnership on Smart Cities and Communities <https://eu-smartcities.eu/>
- ✓ Each panel member provided an overview from their perspective. Key points raised were:
 - ✓ We should serve all citizens irrespective of their disabilities with Smart Cities services. This improves outcomes for all
 - ✓ Procurement is a barrier to serving citizen needs with appropriate Smart City services
 - ✓ We need to establish a broader view of community and include the youth
 - ✓ Standardization needs to be inclusive, top down and bottom up, a new hybrid model is needed. DG-CNECT confirmed the policy commitment is to work with all stakeholders
 - ✓ Offline options for city services will always be required. Delivering options and choice for citizens is the key



ETSI: The Standards People

ETSI: The Standards People

Dirk Weiler, Chairman, ETSI Board



- ✓ The ETSI introduction video was played for the audience <https://youtu.be/2p9slugblwo>
- ✓ ETSI is focused on delivering an inclusive ICT Standards environment
- ✓ ETSI is both industry and government driven
- ✓ Important to remember that standardization is a tool and not an end in itself
- ✓ Much cheaper for governments to fund standards development than regulation
- ✓ Smart city standards need to articulate the additional requirements which are needed
- ✓ Collaborative guidelines, codes of conduct and standards are needed from Europe's new Smart City CEN TC 465
- ✓ The 3rd Generation Partnership Project (3GPP) needs to be featured in the report

Panel Sessions

3 and 4

Panel 3 – Smart City Standards Landscape

Moderator: Dr Bernard Gindroz, Chairman CEN-CENELEC-ETSI Smart and Sustainable Cities Sector Forum



- ✔ Panel : Simon Hicks, Department for Digital, Culture, Media and Sport, UK Government, Constant Kohler, CEN-CENELEC Management Centre, Bart de Lathouwer, Open Geospatial Consortium, Emilio Davila Gonzalez DG-CNCT/F3
- ✔ Each panel member provided an overview from their perspective. Key points raised were:
 - ✔ We need a new paradigm for standards from technology to delivering innovation
 - ✔ Smart Cities are complex places and we need to determine how to deliver benefits of standards, eg opening up new markets and competition in the smart city domain
 - ✔ A Human Factors standards approach needs to be developed, this is not likely to come from National Standards Bodies
 - ✔ We need to move from an open data to a shared data focus. New ISO Standard should help

Panel 4 – Discussion of STF recommendations, including the audience



Moderator: Dirk Weiler, Chairman, ETSI Board

- ✓ Panel : Dr Bernard Gindroz, Chairman CEN-CENELEC-ETSI Smart and Sustainable Cities Sector Forum, Chiara Giovanni, Deputy Secretary-General ETSI Board, Nikoloas Kontinakis, Eurocities
- ✓ Each panel member provided specific feedback on the key recommendations from their perspective. Key points raised were:
 - ✓ European opportunity to create a dedicated Working Group in the Sector Forum to leverage the European community to take forward the report recommendations
 - ✓ “Intelligent” rather than Smart Cities. The renaming would signal a non-technology focus to signal a citizen focus and should be considered
 - ✓ This report paves the way for Europe to deliver a societally-focused Smart City agenda

Concluding the event

- ✓ Dr Jacqui Taylor as rapporteur for the day:
 - ✓ thanked all the speakers and the audience for their enthusiasm and contribution to both the event and the report on behalf of the STF team
 - ✓ Delivered an oral version of this report and urged attendees to submit their comments on the draft report via the commenting form by 31st January 2020
 - ✓ <https://standards4citizens.etsi.org/Report>

Thanks!

Dirk Weiler, Chairman, ETSI Board

Thanked the ANEC and ETSI event teams for their organisation and support

Any questions or comments, please (by e-mail....)
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