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 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
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
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
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

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


✔ 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
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, e.g. 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
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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