ISO/TC 268/SC 1
Smart community infrastructures

Email of secretary: chiba@jsa.or.jp
Secretariat: JISC (Japan)

Result of NP ballot ISO 23943

Document type: Summary of voting

Date of document: 2019-02-25

Expected action: INFO

Background:

Committee URL: https://isotc.iso.org/livelink/livelink/open/tc268sc1

Report of voting

Ballot Information	
Ballot reference	ISO/NP 23943
Ballot type	NP
Ballot title	
Opening date	2018-12-01
Closing date	2019-02-23
Note	

Member responses - Votes by members

Country (Member body)	Status*	1a. Agree to add to work programme								Market relevance	1b.Stakeholders consultation		2. Relevant documents		3. Comments		4. Participation	
		Yes				No		Abs*			Yes	No	Yes	No	Yes	No	Yes	No
		20.00	20.20	30.00	40.00	PWI: Yes	PWI: No	NC	Exp									
Austria (ASI)	P								X			X		X		X		X
Brazil (ABNT)	P		X								X			X		X		X
Canada (SCC)	P								X		X			X		X		X
China (SAC)	P	X									X			X		X	X	
Denmark (DS)	P								X			X		X		X		X
France (AFNOR)	P						X			X	X			X		X		X
Germany (DIN)	P					X				X	X			X		X		X
Greece (NQIS ELOT)	P								X		X			X		X		X
India (BIS)	P	X									X		X		X		X	
Iran, Islamic Republic of (ISIRI)	P							X			X			X		X		X
Japan (JISC)	S		X								X			X		X	X	
Korea, Republic of (KATS)	P		X								X			X		X	X	
Netherlands (NEN)	P								X		X			X		X		X
Norway (SN)	P								X			X		X		X		X
Philippines (BPS)	P	X									X			X		X	X	
Romania (ASRO)	P			X							X			X		X	X	
Russian Federation (GOST R)	P	X										X		X		X		X
South Africa (SABS)	P							X			X			X		X		X
Spain (UNE)	P					X				X	X			X		X		X
Sri Lanka (SLSI)	P							X			X			X		X		X
Sweden (SIS)	P								X		X			X		X		X
Ukraine (DSTU)	P	X										X		X		X		X
United Kingdom (BSI)	P	X									X			X		X	X	
United States (ANSI)	P	X									X		X		X			X
Sub-Total Question 1a		7	3	1	0	2	1	3	7									
Totals		**11**				**3**		**10**		**3**	**19**	**5**	**2**	**22**	**2**	**22**	**7**	**17**

* Status P for P-Member, O for O-Member and S for Secretariat

* Abs: NC for lack of National Consensus, Exp for lack of Expert Input

Member responses - Votes not cast (1)

Rwanda (RSB)

Comments from voters

Member	Comment	Date
China (SAC) **Jiang, Dong Ms**	**Comment to Q.7:** we nominate an expert : wannianfang@cqsf.com	2019-02-18
France (AFNOR) **Cailleau, Etienne M.**	**Comment to Q.1:** The French mirror committee is disapproving this NWIP based of the scope of the NWIP. SC 1 is supposed to develop standard that are promoting integrated approaches for Community infrastructure ; this proposal seems	2019-02-21

Comments from voters		
Member	**Comment**	**Date**
France (AFNOR) **Cailleau, Etienne M.**	clearly sectorial. As formulted, the proposal seems to be very specific and could be adressed by another dedicated TC. There is no paticular TC identified as potential liaison in the form 4. As a result, we are wondering why this proposal should be adressed by SC 1 ; it has to be considered to develop this NWIP in a different TC.	2019-02-21
Germany (DIN) **Sayer, Agnes Mrs Dr.**	**Comment to Q.1:** The nationale committee decided to disapprove due to the current revision of the scope of SC 1.	2019-02-14
India (BIS) **Pant, Sanjay Mr**	**Comment to Q.5:** Report on Fuel Cell Development in India, Ministry of New & Renewable Energy, Government of India, New Delhi, June, 2016 **Comment to Q.6:** The last row of the 'Benefits/impacts table on Page 4 may incorporate the entry indicated below: Benefits/impacts Examples of organizations / companies to be contacted Other (please specify): Environment Fuel cells can eliminate pollution caused by burning fossil fuels that generates green house gases. However, the study document should also review the possible disadvantages of fuel cell based transport systems. For instance, some critics argue that although fuel cells do not emit carbon after burning, they give out nitrogen dioxide and other emissions. Nitrogen dioxide is a toxic gas and can still be harmful when ingested by humans. Universities, research institutions and environment monitoring authorities **Comment to Q.7:** Dr Sudhir Krishna IAS (Retd), Former Secretary (MoUD) In Personal Capacity Flat no. 113, Tower no. 122, Silver Oaks, Apartment, DLF Phase I **Gurgaon 122002** sudhir.krishna@gmail.com 8800388000	2019-02-19
Japan (JISC) **Chiba, Yusuke Mr**	**See linked comment file:** *ISO NP 23943 JISC.doc* (access restricted to ballot audience) **Comment to Q.7:** Katsu Suzuki(katsuyoshi.suzuki@toshiba.co.jp)	2019-02-19
Korea, Republic of (KATS) **Bae, Jinseok Mr**	**Comment to Q.7:** Jun Seob, Lee(ETRI) juns@etri.re.kr	2019-02-20
Philippines (BPS) **Fernando, Ann M. Ms.**	**Comment to Q.7:** Assistant Secretary Alan Silor Department of Information and Communication Technology	2019-02-22
Romania (ASRO) **DRAGOMIR, Doina**	**Comment to Q.7:** RO NC cannot nominate an expert for this new draft due to lack of experience on the concerned technical field.	2019-02-22
Spain (UNE) **ARENAS, Jose Angel Mr**	**Comment to Q.1:** Despite Smart transportation is a key element for the smart city, we consider the proposal too focused in benefits of one very specific element. A Technical report with global overview could be developed instead.	2019-02-15
United Kingdom (BSI) **Mohsen, Louisa Ms**	**Comment to Q.7:** Matthew Clifton	2019-02-20
United States (ANSI) **Team, ANSI ISO**	**See linked comment file:** *ISO NP 23943 ANSI.doc* (access restricted to ballot audience) **Comment to Q.5:** NFPA 2- Hydrogen Technologies Code, 2016 Edition-Should be reviewed by SC 1. NFPA 130-Standard for Fixed Guideway Transit and Passenger Rail Systems, 2017 Edition. Referenced in the draft already.	2019-02-21

Comments from voters		
Member	**Comment**	**Date**
United States (ANSI) **Team, ANSI ISO**	**Comment to Q.6:** see comments attached	2019-02-21

Comments from commenters		
Commenter	**Comment**	**Date**

Template for comments and secretariat observations

Date:2019-02-24	Document:	Project:

MB/ NC[1]	Line number	Clause/ Subclause	Paragraph/ Figure/Table	Type of comment[2]	Comments	Proposed change	Observations of the secretariat
JP 001 001		Annex A		te	Annex A mentions "no carbon dioxide emission is given by fuel cell LRT." However, actually, carbon dioxide is emitted when producing hydrogen gas for the fuel cell by consuming electric power for water electrolysis, which is generated by burning fossil fuel. Besides this, the source of the figure is unclear due to lack of the information in Bibliography [2] referred to therefor.	Fully delete Annex A.	
US/ 002 ANSI	General	Entire Document		ge	The new work item claims zero greenhouse gas emissions based on hydrogen production by electrolysis of water from solar energy. The storage of hydrogen is not addressed. Further, the freezing of water in fuels cells will also require energy to thaw and make the fuel cell operational is not addressed. (approve with comment)		
US/ 003 ANSI	General	Entire Document		ge	Additional information on evacuation during emergencies should be added. Egress should be addressed. (approve with comment)		
US/ 004 ANSI	General	Entire Document		ge	The project is still too dilutive to be meaningful for colleges and universities. (abstain with comment)		
US/ 005 ANSI	General	Entire Document		ge	TC 268, SC1 should also review the contents of NFPA 2, *Hydrogen Technologies Code*. It has utility/application to the safety features associated with the fuelling infrastructure sites. (approve with comment)		

1 **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)
2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

Template for comments and secretariat observations

Date:2019-02-24	Document:	Project:

MB/ NC[1]	Line number	Clause/ Subclause	Paragraph/ Figure/Table	Type of comment[2]	Comments	Proposed change	Observations of the secretariat

1 **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)
2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

Template for comments and secretariat observations

Date:2019-02-24	Document:	Project:

MB/ NC[1]	Line number	Clause/ Subclause	Paragraph/ Figure/Table	Type of comment[2]	Comments	Proposed change	Observations of the secretariat

ISO_NP 23943_ANSI.doc: Collation successful

ISO_NP 23943_JISC.doc: Collation successful

Collation of files was successful. Number of collated files: 2

SELECTED (number of files): 2

PASSED TEST (number of files conformed to CCT table model): 2

FAILED TEST (number of files conformed to CCT table model): 0

CCT - Version 2018.2

1 **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)
2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial