

SIS/TK 588

Sustainable Smart Cities and Communities



SWEDISH
STANDARDS
INSTITUTE

SIS is a member-based, non-profit association specialized in national and international standardisation

Our customers represent a cross-section of Swedish society

- Companies;
- Government bodies;
- Regions and municipalities;
- Universities and research institutes ;
- Non-governmental organisations (NGOs).

Standard = Best practice
Standardisation is the development of well-established methods in order to propose common solutions to recurrent problems.

The standardisation world

ISO

161
member
states

100,000
experts

21,500
published
standards

3,900
committees
(TC/SC/WG)

Reaches 97
% of the
world's
population

CEN

34
member
states

50,000
experts

16,000
published
standards

2,200
committees
(TC/SC/WG)

Reaches
600 million
people

SIS

1,917
participating
companies

5,000
experts

> 8,000
published
standards

Approx. 500
committees
(TK/TC/SC/WG)

Approx.
10,000
customers

SIS delivery 2017

1,313 members

219 Swedish standardisation committees

170 international secretariats

1,917 unique participating companies

4,319 participating experts

11,426 customers purchased products or services

1,514 new and revised standards

5,100 persons who participated in SIS seminars and trainings



Standardisation contributes to the development of Swedish exports of smart/sustainable city solutions

- Sweden is internationally renowned for its competence in the smart and sustainable cities field. As a consequence SIS decided to establish in 2013 a Technical Committee for Sustainable and Smart Cities in order to take advantage of Sweden's top level expertise through the development of international standards via TK 588. The committee is therefore a perfect platform to spread Swedish know-how and innovations which benefits our exports.
- TK 588 has currently 18 members such as Ericsson, Scania, the Swedish Energy Agency, the National Association of Swedish Eco-municipalities (Sekom), the Swedish Waste Management Association (Avfall Sverige), IVL-Swedish Environmental Research Institute, Växjö municipality.
- In order to achieve our objectives SIS/TK 588 works actively to influence international standards development via:
 - ISO/TC 268 " Sustainable cities and communities";
 - CEN-CENELEC-ETSI Sector Forum on Smart and Sustainable Cities and Communities (SF-SSCC) and the planned Franco-Swedish CEN co-secretariat;
 - the Nordic Forum for Smart and Sustainable Cities and Communities (NF-SSCC);
- TK 588 is also active at the national level and is currently revising the Swedish national standard "Management system for sustainability in cities and communities" in order to integrate the Agenda 2030 perspective (SS 854000).



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SIS/TK 588's working group structure

- SIS/TK 588 WG 1 (ISO):
 - Responsible for strengthening and maintaining Sweden's position within ISO/TC 268 "Sustainable cities and communities" (French secretariat and convenorship).
- SIS/TK 588 WG 2 (CEN):
 - Responsible for strengthening and maintaining Sweden's position within CEN-CENELEC-ETSI Sector Forum on Smart and Sustainable Cities and Communities (SF-SSCC) which started in January 2017 (French secretariat and convenorship).
 - Responsible for the project aimed at building a European Technical Committee for smart/sustainable cities led by a Franco-Swedish co-secretariat. Our ambition is to launch in 2019 a co-secretariat between SIS and AFNOR, the French national organisation for standardisation, that can be embedded in the strategic partnership for innovation and green solutions.

SIS/TK 588 working group structure

- SIS/TK 588 WG 3 (SS):
 - Responsible for the revision of the Swedish standard SS 854000:2014 "Management system for sustainability in cities and communities" from an Agenda 2030 perspective.
- SIS/TK 588 WG 4 (Nordic countries):
 - Responsible for strengthening and maintaining a strong collaboration with the Nordic national standardisation bodies (NSB) within the smart/sustainable city framework.
 - As a result SIS has established a partnership with all the Nordic countries NSBs, as well as Canada's NSB, in order to respond to a Horizon 2020 call à 2 M€ aiming at facilitating sustainable development in the Arctic region.



**THANK
YOU!**



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