TC213/Sec1517/INF

BUSINESS PLAN

CENELEC/TC or SC	Secretariat	Date
TC 213	United Kingdom	2022-03-31

TC or SC title: Cable Management Systems

A Background

The Technical committee responsible for Cable Management Systems was initially TC113 which was active between 6 December 1989 and 31 December 1995. On 1 January 1996, TC113 was renumbered as TC213 and it has met consistently since then.

The work of TC213 has been organised into the following Working Groups (WG) each one being responsible for a specific family of Cable Management Systems:

WG01 Cable trunking systems and cable ducting systems.

WG02 Conduit systems including conduit fixing devices and liquid tight sheathing (underground conduit is excluded).

WG04 Conduit systems intended to be buried underground.

WG05 Cable tray systems and cable ladder systems.

WG06 Cable ties for electrical installations.

WG08 Cable cleats for electrical installations.

WG09 Cover plates and cover tapes for the protection and warning of the location of buried cables or buried conduits in underground installations.

WG10 Powertrack systems.

WG12 Articulated systems and flexible systems for cable guiding.

Additional Working Groups are established to promote within TC213 a consistent assessment of performances of cable management systems:

WG07 Fire performances and environmental performances of cable management systems.

WG07-1 Resistance to fire.

WG11 Electromagnetic characteristics of linear cable management systems.

WG CAG To deal with special matters as they arise at the discretion of the Chair. Membership consists of Convenors of working groups and the secretary of TC213. At the discretion of TC213 Officers, guest experts may be invited to attend CAG meetings when necessary to address specific matters.

B Business Environment

B.1 General

TC213 publications take into account requirements of European legislation in particular the Low Voltage Directive.

Cable management systems and products should generally be considered as mature items but nevertheless they can be strongly influenced by external economic factors. The products generally fall into two broad categories i.e. those made from metals such as steel and aluminium and those made from plastics such as PVC, PE and PP. In both cases fluctuating raw material prices continue to have an effect. In comparison with many others electrical products, the value per cubic metre or tonne is low. Cost is highly influenced by raw material cost, less by labour cost with possible significant influence of transport cost.

B.2 Market demand

Product manufacturers, consultants, test laboratories and main contractors use the standards which are used extensively at national level and are frequently cited in documents of both contractual and commercial nature.

B.3 Trends in technology

The technology for cable management systems is well established. Standards are developed for new families of products as required by the market and existing standards are updated in order to remain relevant with new applications.

B.4 Market trends

A reduction of individual manufacturers through acquisitions and takeovers as well as companies ceasing trading and falling under ever-increasing cost and restraints is proving more burdensome each year when it comes to providing experts for WG activities. Existing experts are experiencing increasing difficulties in attending meetings and as a result it can be expected that there may be an increase in the number of extension requests to target dates.

The digital evolution is increasing the demand for cable management products that enable easy reconfiguration of buildings.

B.5 Ecological environment

European regulations restricting the content of some substances considered to be hazardous for the environment are taken into account by the market even if cable management systems do not fall in the scope of the regulation. Examples of such substances are lead and hexavalent chromium.

Similar comment can be made on waste disposal management.

B.6 Involvement of societal stakeholders

Presently there are no societal stakeholders involved with the activities of TC213 and none have shown any inclination to become involved with the activities of TC213.

B.7 Involvement of SMEs

Producers of Cable Management products although generally SMEs do belong to large enterprises. However, some of these SME's are specialists in their own chosen field of activity and so stand relatively independent of the larger organisation that is behind them. Additionally, there are still some independent Cable Management SMEs and so there is a need for NC participants to encourage the involvement of SMEs at national level.

C System approach aspects

TC213 has a positive attitude in promoting good liaison with other committees and is actively engaged in the effects of electromagnetic interference/isolation, aspects of fire hazard and installation wiring rules with other committees.

Component / Product Committees (TC213 role of customer)	CLC TC20	Electric cables
	CLC SR 89	Fire hazard testing
Component / Product Committees (TC 213 role of supplier)	CLC TC 64	Electrical installations and protection against electrical shock
	CLC TC215	Electrotechnical aspects of telecommunication equipment
Other committees	CLC TC 111X	Environment
	CEN TC155	Plastics piping systems and ducting systems
	CEN TC127	Fire safety in buildings

D Objectives and strategies (3 to 5 years)

1. Ensure development times for deliverables are achieved within the time scales set by CENELEC.

2. Maintain published standards and incorporate latest developments in materials, technology and environmental requirements in order to achieve the highest possible results expected by users of the products.

3. Advance the awareness of TC213, its products and achievements.

4. Support stake holders such as manufacturers, consultants, installers, laboratories and the like.

5. Maintain strong cooperation with IEC/SC23A Cable Management Systems.

E Action plan

The work of TC213 is dynamic and so for up-to-date information reference should be made to the Program of Work of TC213.

F Useful links to CENELEC web site

TC home page giving access to Membership, TC/SC Officers, Scope, Publications, Work programme [password-protected area].

CENELEC Home Page:

https://www.cencenelec.eu/about-cenelec/

TC213/Home Page:

https://standards.cencenelec.eu/dyn/www/f?p=305:7:0:25:::FSP_ORG_ID,FSP_LANG_ID:1258293

TC213/Work Programme:

https://standards.cencenelec.eu/dyn/www/f?p=305:22:0::::FSP_ORG_ID,FSP_LANG_ID:1258293,25&cs=1B07E80A5C26A16E0E660C919128BF20E

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