

# Workshop Hull and Propeller Performance

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Standards Norway

# Overview

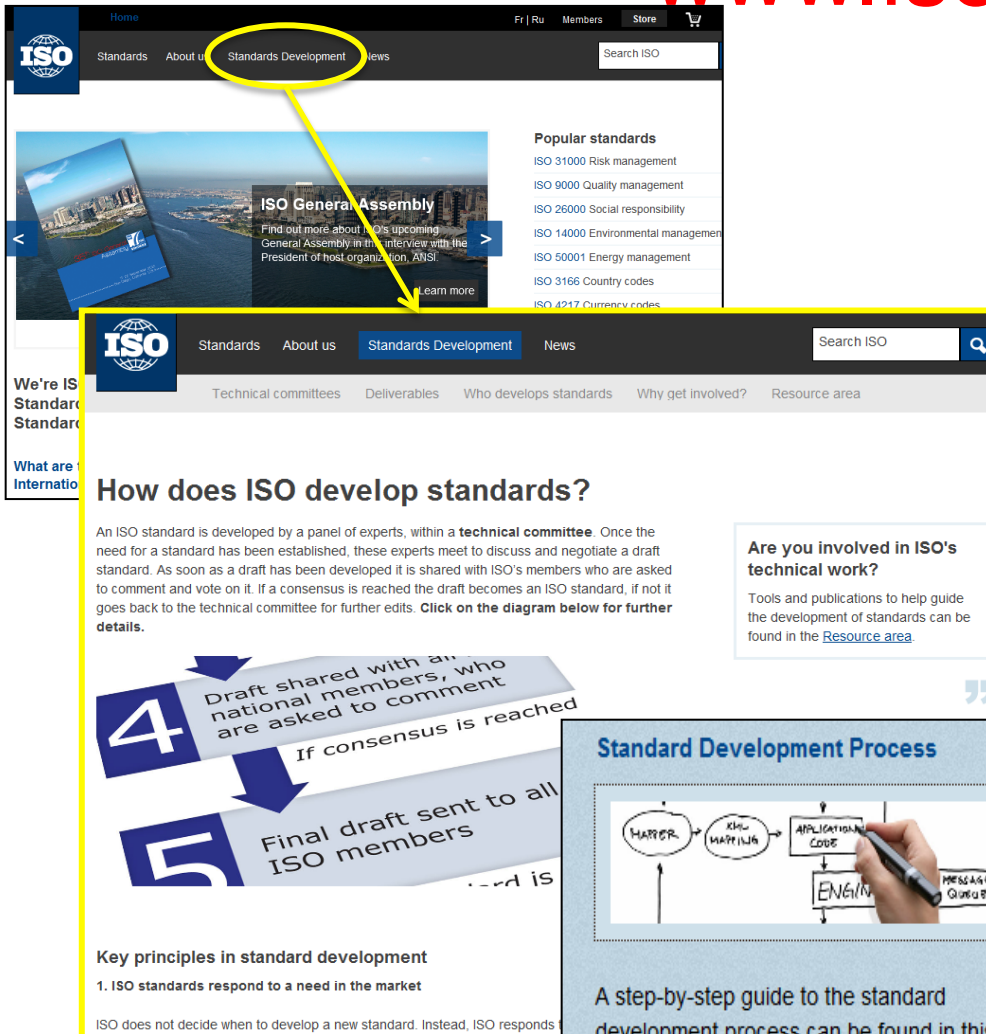
Resources for Standards Development

ISO/TC 226 on line

New edition of directives : Main changes

# Resources for Standards Development

www.iso.org



The screenshot shows the ISO website's 'Standards Development' page. A yellow circle highlights the 'Standards Development' link in the top navigation bar. A yellow arrow points from this link to a detailed diagram of the standard development process. The diagram includes the following steps:

- 1** New standard is proposed to relevant technical committee
- 2** Working group of experts start discussion to prepare a working draft
- 3** 1st working draft shared with technical committee and with ISO CS
- 4** Draft shared with all national members, who are asked to comment
- 5** Final draft sent to all ISO members
- 6** ISO International Standard

Additional text on the page includes:

- Popular standards:** ISO 31000 Risk management, ISO 9000 Quality management, ISO 26000 Social responsibility, ISO 14000 Environmental management, ISO 50001 Energy management, ISO 3166 Country codes, ISO 4217 Currency codes.
- ISO General Assembly:** Find out more about ISO's upcoming General Assembly in the interview with the President of host organization, AVISI.
- How does ISO develop standards?** An ISO standard is developed by a panel of experts, within a **technical committee**. Once the need for a standard has been established, these experts meet to discuss and negotiate a draft standard. As soon as a draft has been developed it is shared with ISO's members who are asked to comment and vote on it. If a consensus is reached the draft becomes an ISO standard, if not it goes back to the technical committee for further edits. **Click on the diagram below for further details.**
- Are you involved in ISO's technical work?** Tools and publications to help guide the development of standards can be found in the [Resource area](#).
- Key principles in standard development:**
  1. ISO standards respond to a need in the market

ISO does not decide when to develop a new standard. Instead, ISO responds



## Standard Development Process



A step-by-step guide to the standard development process can be found in this section.

# Resource Area – Directives & more

**How does ISO develop standards?**

An ISO standard is developed by a panel of experts, within a **technical committee**. Once the need for a standard has been established, these experts meet to discuss and negotiate a draft standard. As soon as a draft has been developed it is shared with ISO's members who are asked to comment and vote on it. If a consensus is reached the draft becomes an ISO standard, if not it goes back to the technical committee for further edits. **Click on the diagram below for further details.**

```
graph TD; 4[4 Draft shared with all national members, who are asked to comment] --> 5[5 Final draft sent to all ISO members]; 5 --> 6[6 Standard is approved];
```

**Key principles in standard development**

1. ISO standards respond to a need in the market

ISO does not decide when to develop a new standard. Instead, ISO responds to a request from

**Are you involved in ISO's technical work?**

Tools and publications to help guide the development of standards can be found in the [Resource area](#)

*Every working day of the year, an average of eight technical meetings take place somewhere in the world. Increasingly, these are being held using electronic means, speeding up the development of standards and cutting travel costs.*

**Do you want to get involved in standard development?**

## Resources for ISO technical work

This page contains information and tools designed to support the work of ISO's technical committees. The page is password protected. However, some links may take you to pages where your log in is required.

## Procedures for developing standards

The rules for the development and drafting of documents intended to become International Standards, Technical Specifications or Publicly Available Specifications are described in the ISO/IEC Directives Part 1 and 2 and the ISO supplement.

There are also a number of additional rules that must be taken into consideration when developing International Standards or other documents.

Access [the ISO/IEC Directives](#), [the ISO supplement](#) and [additional rules](#).

## Support for drafting standards

ISO has also developed a number of guidelines, models and templates to support the drafting of standards.

Access these [supporting documents](#).

(This page contains:

- Supplementary guidelines
- Tips and Tools
- Templates
- Boilerplate texts
- Model manuscripts, and
- Guidelines for submitting text and graphics)

## Training

ISO also offers a number of training courses to help in specific aspects of the development of ISO International Standards. For example, courses focus on topics such as drafting a standard according to ISO/IEC Directives and using the eServices provided by ISO.

# TC 226 on line

Fr | Ru Members Store

ISO Standards About us Standards Development News Search ISO

Technical committees De verables Who develops standards Why get involved? Resource area

Standards Development > Technical committees > TC 226

## TC 226 Materials for the production of primary aluminium

About Contact details Structure Liaisons Meetings Tools

Secretariat: SN  
Secretary: Mr Knut Aune  
Chairperson: Dr. Lorentz Petter Lossius (Norway) until end 2015  
ISO Central Secretariat contact: M. Stéphane Sauvage  
Creation date: 2004

**Scope:**  
Standardization in the field of materials for the production of primary aluminium, including aluminium oxide, cryolite, aluminium fluoride, sodium fluoride, carbonaceous products and ceramic materials.

Total number of published ISO standards related to the TC and its SCs (number includes updates):	112
Number of published ISO standards under the direct responsibility of TC 226 (number includes updates):	112
Participating countries:	12
Observing countries:	12

**Quick links**  
Work programme (drafts and new work items of TC 226)  
Business plans  
Working area on ISOTC and Public information folder

## Participating Countries

Australia ( SA )

China ( SAC )

Germany ( DIN )

Korea, Republic of ( KATS )

Libya ( LNCMS )

Netherlands ( NEN )

Russian Federation ( GOST R )

Slovakia ( SUTN )

Spain ( AENOR )

Switzerland ( SNV )

United Kingdom ( BSI )

## Observing Countries

Argentina ( IRAM )

Brazil ( ABNT )

Bulgaria ( BDS )

Egypt ( EOS )

Finland ( SFS )

France ( AFNOR )

Hong Kong, China ( ITCHKSAR ) (Correspondent member)

India ( BIS )

Poland ( PKN )

Romania ( ASRO )

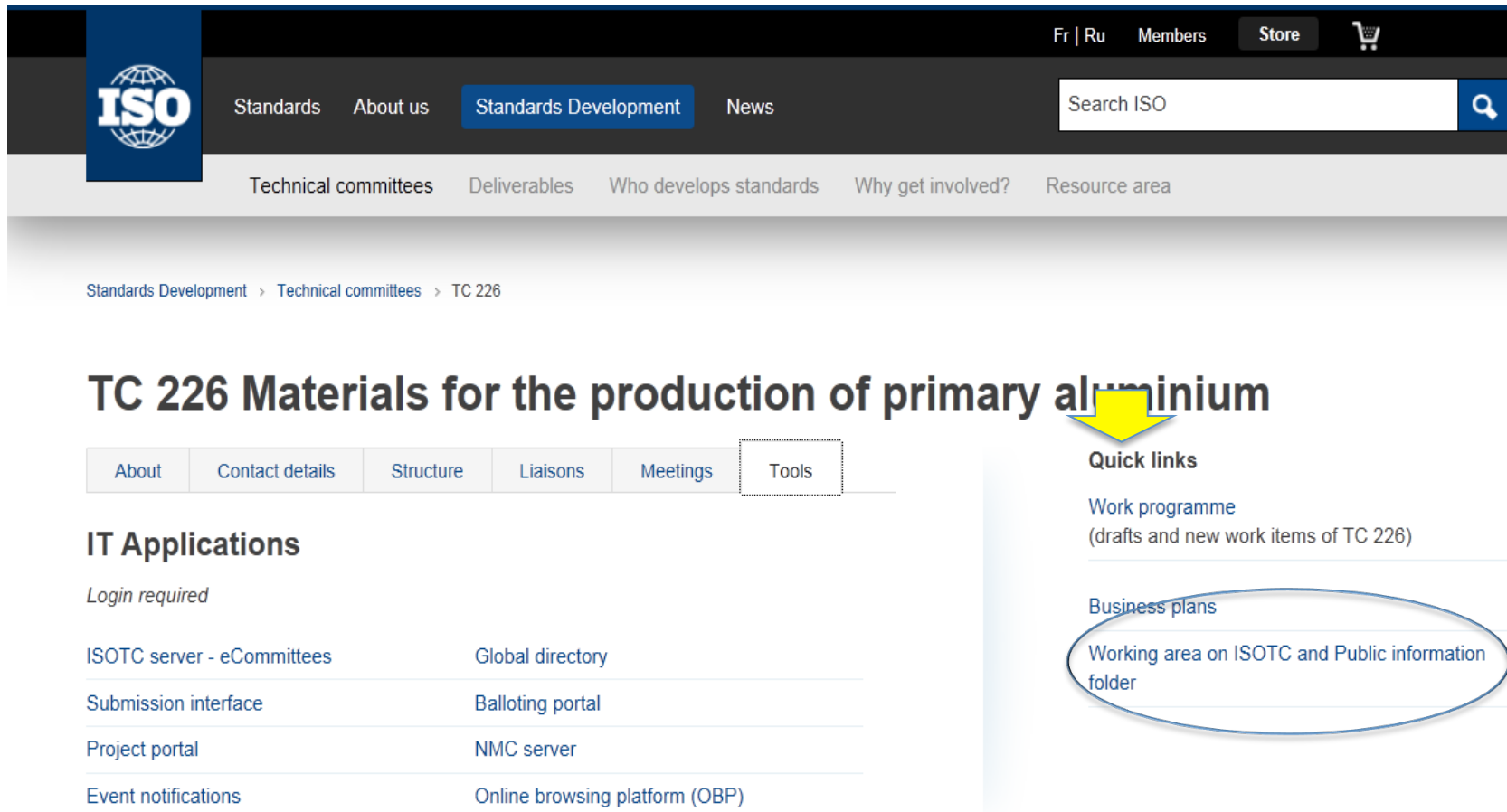
Serbia ( ISS )

USA ( ANSI )

situation 2012-10-02



# TC 226 on line – finding information



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ISO Standards About us Standards Development News Search ISO

Technical committees Deliverables Who develops standards Why get involved? Resource area

Standards Development > Technical committees > TC 226

## TC 226 Materials for the production of primary aluminium

About Contact details Structure Liaisons Meetings Tools

### IT Applications

Login required

ISOTC server - eCommittees	Global directory
Submission interface	Balloting portal
Project portal	NMC server
Event notifications	Online browsing platform (OBP)

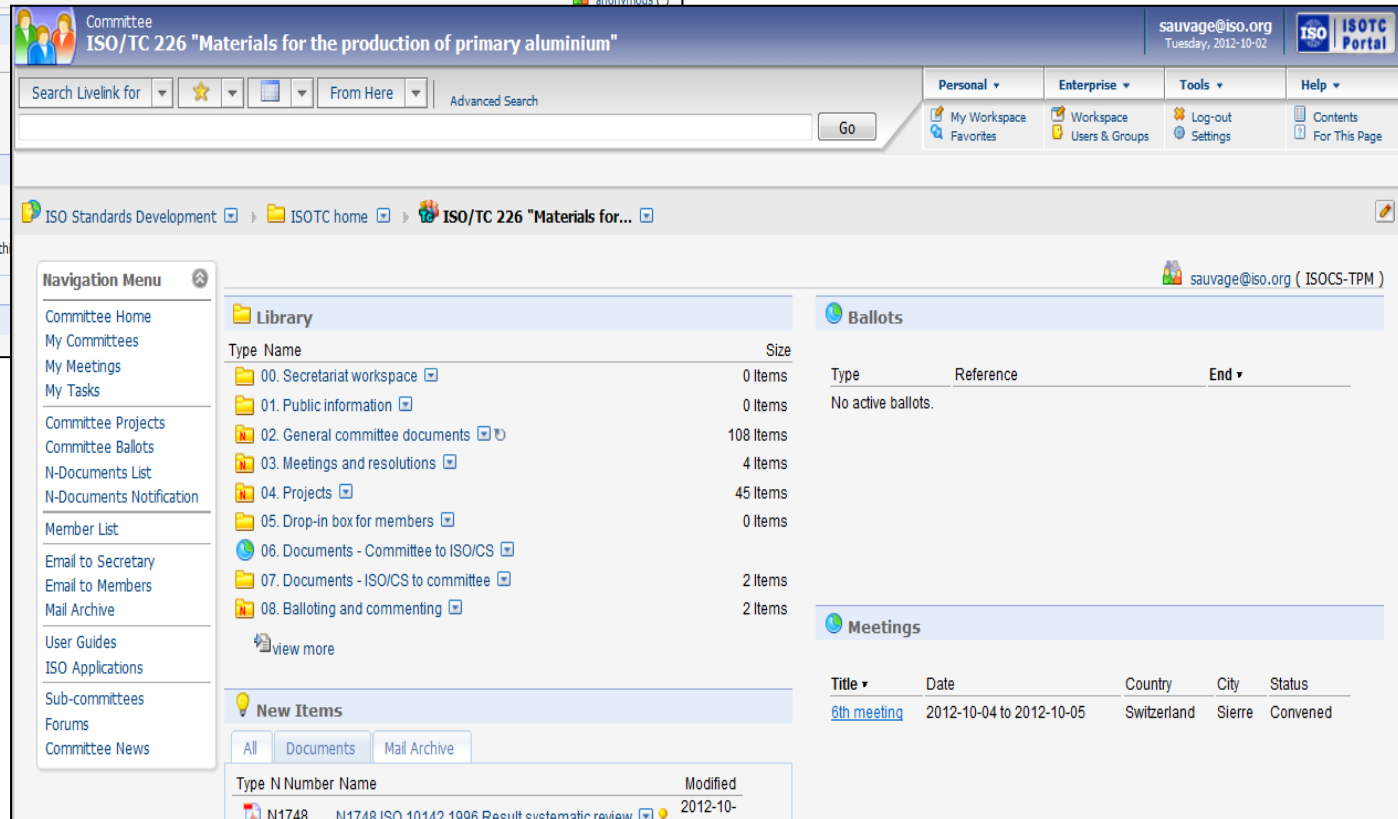
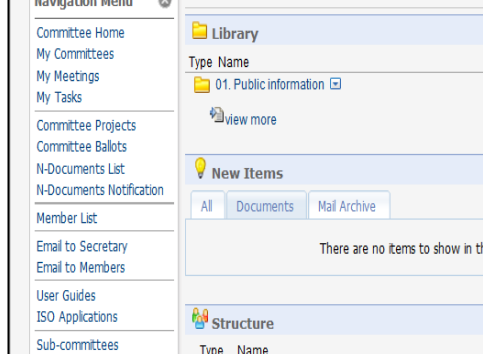
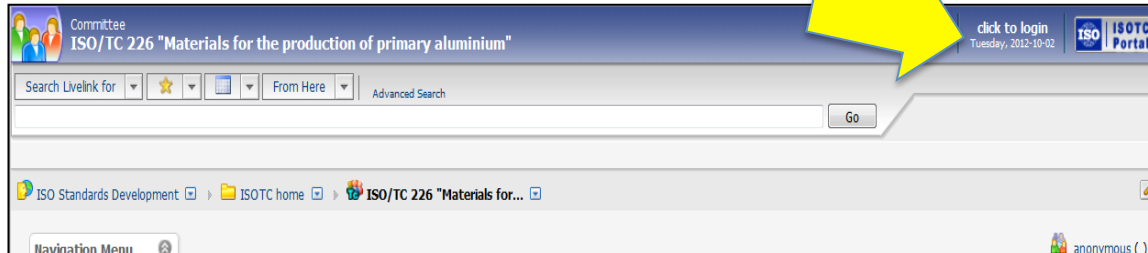
#### Quick links

- Work programme  
(drafts and new work items of TC 226)
- Business plans  
Working area on ISOTC and Public information folder

# TC 226 working area (e-Committees)

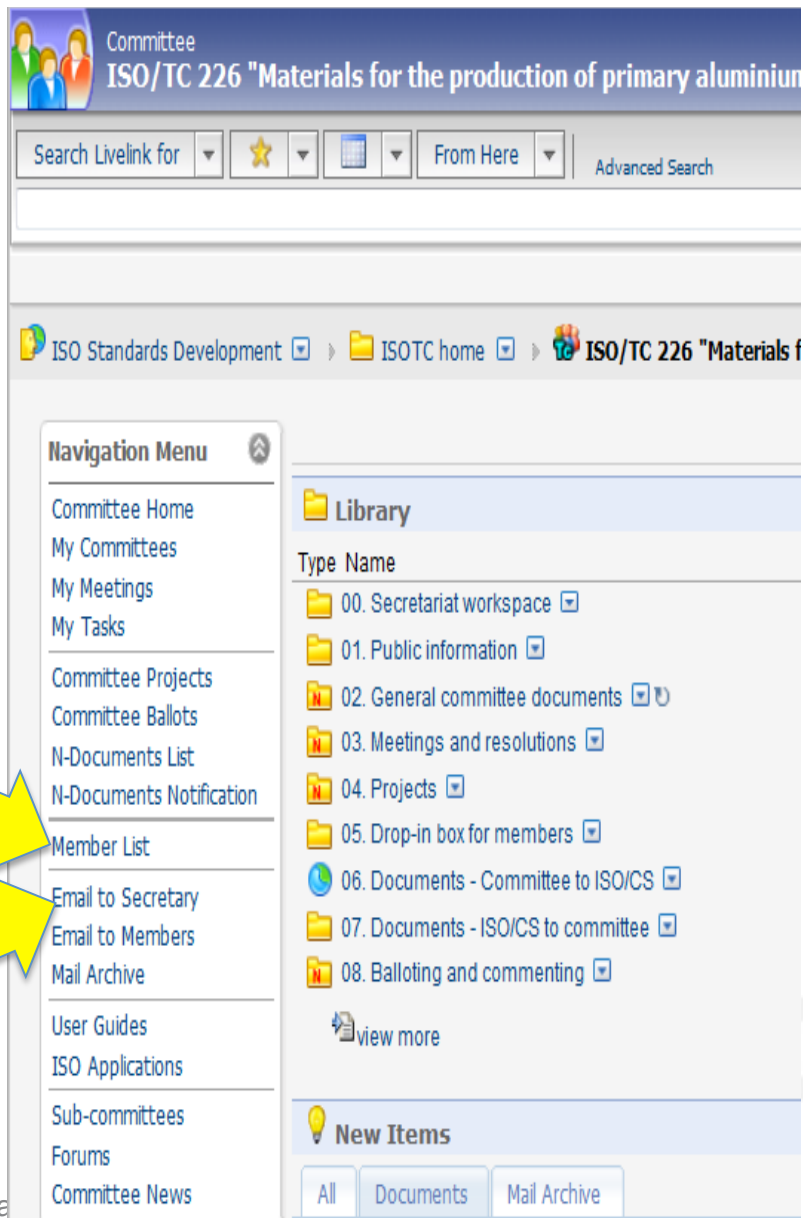


<http://www.iso.org/tc226>



After entering your password, you can see the documents for TC 226.

# e-Committees – Navigation menu



<http://www.iso.org/tc226>

**Members need to be registered in TC and in Working Groups by their National Member Body User Administrator.**

Members receive notifications when new documents are loaded. «Member list» and «Email to secretary» is available from Navigation menu

**TMB Resolution 64/2012:**  
**e-Committees is also mandatory for working groups.**





# New edition of directives : Main changes

- New NWIP and approval criteria
- New administration of the DIS
- FDIS optional

Reminder : CD ballot optional (TMB decided in its resolution 109/2012 to promote the optional implementation of the CD stage : decision remains with the committee)

# Changes to New Work Item Proposals (NP) procedure (2.3.4) + Annex C

- NP must be fully justified and properly documented:
- **VERY** robust information showing the market relevance of a proposal
- Positive votes from P members now need a statement giving the **reason** for the Yes.
- If **no reason given** - vote is not counted!

# Major changes in approval criteria (2.3.5)

- Still requires **simple majority** of P Members voting!  
but...
  - Committees with 16 P members or less need only 4 to commit to participate

Reminder :

- Experts must be **named** to count towards the approval
- Minimum number of named experts must come from P-members **voting positively**

# New administration of the DIS

Translation & preparation time		Voting STARTS	Vote continues	Voting ENDS
<p>Process starts at the beginning of Month 1</p> <p>ISO CS uploads the PDF and MS Word files on the STD server. They are visible and can be downloaded from the beginning of Month 1.</p> <p>DIS Balloters, and Translators (registered in the Global Directory) will receive an Email notification and will have access to the files and be able to download them.</p>		<p>Voting starts beginning of Month 3</p> <p>The PDF is uploaded on the e-balloting application</p> <p>An Email notification will be sent to DIS Balloters</p>		<p>Voting ends at the end of Month 5</p> <p>DIS balloters submit national votes using the e-balloting application</p>
Month 1	Month 2	Month 3	Month 4	Month 5

**5 Month total**

# FDIS – Approval (Optional)

- Where the DIS gets the necessary approval criteria (but not approved at 100%), the committee leadership can decide to skip the FDIS vote and go straight to publication. (to be noted : when DIS is approved at 100%, FDIS can be skipped as before)
  - This should be communicated to the committee via a Resolution taken by correspondence with a (maximum 1 month consultation period).
  - Approval of the resolution requires a 2/3 majority of the P-members voting.



# Thank you

Confidence has a nickname...

[iso.org](https://www.iso.org)

