

iPROJEX – National Implementation

Data file structure and contents (XML format)

Version	Date	Author	Modifications description
1.0	2012-05-22	EDP/CC	Initial version
1.1	2012-07-23	EDP/CC	Description of field LANGCODE updated
2.0	2013-07-25	EDP/CC	Implementation of AC (& new Implementation process) added
3.0	2025-03-17	PMO/AM	Addition of new fields to notify national elements

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1 Purpose

This document is intended to complement the **iPROJEX General User Guide** which explains:

- how to use the iPROJEX tool
- the different steps to perform when using iPROJEX (common to all modules)

The aim of this documentation is to give you detailed information on the National Implementation module (XML format):

- detailed information on the XML file structure (schema, field names, description...)
- explanation of all error and warning messages (displayed on the screen or included in the log files)
- reminder files criteria

2 Introduction to the business area

As CEN and/or CENELEC member, you are obliged to implement European standards (ENs) as national standards and to withdraw any conflicting national standards.

In order to fulfil this obligation, you have to notify your national implementations (and conflicting national standards) to the CEN-CENELEC Management Centre (CCMC) by uploading data files using the iPROJEX tool (National Implementation module).

Following the decision BT 33/2012 taken by the CEN/BT on 2012-12-13, the national implementation of corrigenda on ENs is now also mandatory, when the national implementation of an EN is impacted.

If your national implementation of an EN is not impacted by a corrigendum, then it will be necessary to inform CCMC that the corrigendum has not been implemented as it is not impacted (a new value 'Not impacted' should be entered into the field 'Method of Implementation').

Note: this new process will have no retroactive effect on existing corrigenda.

Following the decisions BT C106/2022 and D173/C052, since 2025-03-31 you shall also notify any national elements added to the European standard.

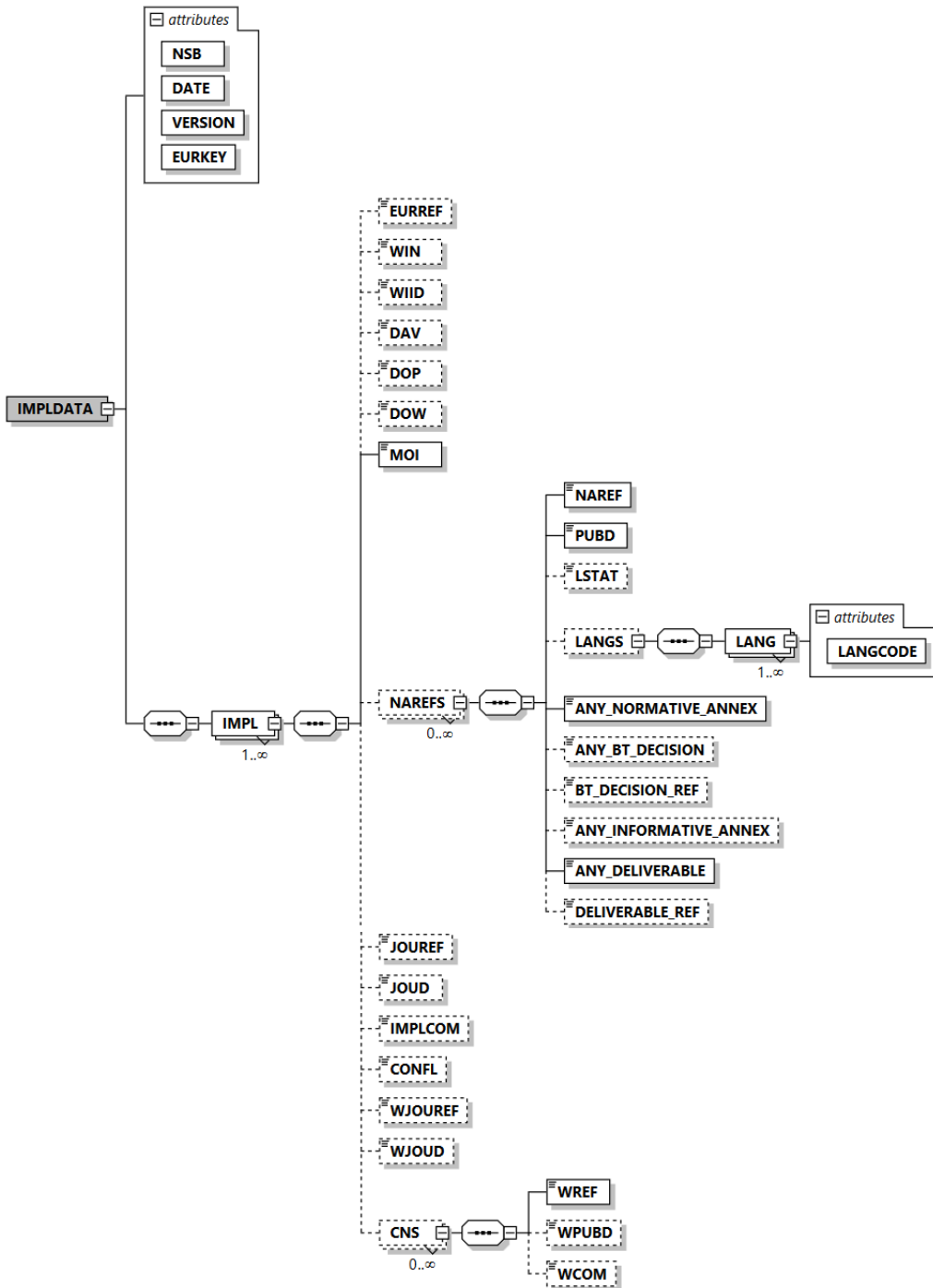
For business-orientated information on the finalisation and implementation of European Standards, please consult the Business Operations Support System (BOSS) websites:

[CEN BOSS](#)

[CENELEC BOSS](#)

3 XML file structure and contents

3.1 Schema



The National Implementation schema (XSD) is available on the CEN and CENELEC Expert Portals:

[User Guides & Templates - Experts CEN](#)

[User Guides & Templates - Experts CENELEC](#)

3.2 Data fields

3.2.1 Header info

Name	Type	Data	Description	Obligation
NSB	String	Organization name	National member or affiliate name Examples: AFNOR, NEN, DPS...	Compulsory
DATE	Date	Date and time of file	Date and time the file was generated Example: 2012-04-27T11:49:17	Compulsory
VERSION	Integer	Version number	= 1	Compulsory
EURKEY	Integer	Choice of key	The identification of the European Standard is clearly critical for the exchange of data. The data element EURKEY is used to indicate which key your organization is using. <u>Values:</u> 1 = WIID 2 = WIN 3 = EURREF Note: The Reminder file contains these 3 keys and the EURKEY is set by default to the WIID.	Compulsory

3.2.2 National implementation information

Name	Type	Data	Description	Obligation
EURREF	String	European standard reference	Examples: EN 15415-2:2012, EN ISO 28399:2011	Compulsory if EURKEY = 3
WIN	String	Work Item number	Examples: 00343064, EC111017, CST02101	Compulsory if EURKEY = 2
WIID	String	Identifier of the European standard	CCMC database surrogate of the WI as provided in PROJEXDATA. Examples: 32129, 28578	Compulsory if EURKEY = 1
DAV	Date	Date of availability of the European Standard	This information does not need to be provided by the national member or affiliate. It is included in this file structure to ensure compatibility with the reminder file.	Optional

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Name	Type	Data	Description	Obligation
DOP	Date	Date of publication of the European Standard	This information does not need to be provided by the national member or affiliate. It is included in this file structure to ensure compatibility with the reminder file.	Optional
DOW	Date	Date of withdrawal of the conflicting National Standards	This information does not need to be provided by the national member or affiliate. It is included in this file structure to ensure compatibility with the reminder file.	Optional
MOI	String	Method of Implementation	4 possible values: <ul style="list-style-type: none"> • Publication: when the national member or affiliate publishes the European standard in one of the official languages or in its national language. • Endorsement: endorsement of an EN as a national standard achieved by publication of an endorsement sheet. • Announcement: announcement in the national member's or affiliate's official journal. • Not impacted (<i>for Corrigenda only</i>): to be used if your national implementation of an EN is not impacted by the corrigendum. 	Compulsory
NAREF	String	National Standard reference	Reference of the national standard. Examples: NEN-EN 779:2012, BS EN 779:2012, I.S. EN 779 :2012	Compulsory
PUBD	Date	Date of publication of the National standard	Date of publication as indicated on the standard or considered as official publication date.	Compulsory
LSTAT	String	Legal status	Legal status of a national standard according to the national legislation of the implementing country.	Optional

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Name	Type	Data	Description	Obligation
LANGCODE	String	Identifier of the language	Language code of the national standard in the national database (cf ISO 639). Examples: de, nl, it, sq	Optional
ANY_NORMATIVE_ANNEX	Integer	Existing national normative annex(es)	2 possible values: <ul style="list-style-type: none"> • 1 (Yes) • 0 (No) 	Compulsory
ANY_BT_DECISION	Integer	Existing BT decision	2 possible values: <ul style="list-style-type: none"> • 1 (Yes) • 0 (No) 	Optional
BT_DECISION_REF	String	BT decision reference	Reference of the BT decision It is possible to have several decisions references in this field. These ones should be separate with ','	Optional
ANY_INFORMATIVE_ANNEX	Integer	Existing national informative annex(es)	2 possible values: <ul style="list-style-type: none"> • 1 (Yes) • 0 (No) 	Optional
ANY_DELIVERABLE	Integer	Existing supplementary national deliverable(s)	2 possible values: <ul style="list-style-type: none"> • 1 (Yes) • 0 (No) 	Compulsory
DELIVERABLE_REF	String	Reference of the supplementary national deliverable(s)	Reference of the supplementary national deliverable(s) It is possible to have several references in this field. These ones should be separate with ','	Optional
JOUREF	String	Reference of national official journal	Name and issue number of the member's official journal announcing the publication of the national standard implementing the European Standard or the endorsement or availability of the European Standard.	Optional
JOUD	Date	Date of national official journal	Issue date as indicated on the cover of the member's official journal.	Optional

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Name	Type	Data	Description	Obligation
IMPLCOM	String	National comment	Comment of the national member or affiliate explaining reasons for implementation delay, national legislative aspects conflicting with implementation obligation...	Optional
CONFL	Integer	Existing conflicting standard(s)	2 possible values: <ul style="list-style-type: none"> • 1 (Yes) • 0 (No) 	Compulsory
WJOUREF	String	Reference of national official journal announcing withdrawal	Name and issue number of the member's or affiliate's official journal announcing the withdrawal of the conflicting national standard.	Optional ¹
WJOURD	Date	Date of national official journal announcing withdrawal	Issue date as indicated on the cover of the member's or affiliate's official journal.	Optional ²
WREF	String	Reference of withdrawn standard(s)	Reference of the withdrawn national standard.	Optional ²
WPUBD	Date	Date of publication of withdrawn standard(s)	Date of publication as indicated on the standard or considered as official publication date.	Optional
WCOM	String	National comment (on withdrawal)	Comment of the national member or affiliate explaining reasons for withdrawal delay, national legislative aspects conflicting with withdrawal obligation...	Optional

¹ This field should be completed if CONFL=1 otherwise a warning is generated.

² If a conflicting national standard element is present in the file then the WREF is compulsory.

4 Errors and Warnings

Reminder:

An **Error** is a problem which will prevent the data record from being loaded into the CCMC database.

A **Warning** does not prevent the data record from being loaded but should be noted and possibly investigated by the user.

4.1 Error messages

Error message	Explanation	Action to be taken
This National Standardization Body does not exist in the CCMC database. Please give correct information.	The national member or affiliate name contained in the file is not valid. This could potentially occur when your organization has recently changed name.	Re-check your organization name and otherwise contact the CCMC Database Unit (dataservice@cencenelec.eu)
Error occurred (NSB not a CEN member/affiliate) - Please contact the CCMC Administrator.	The national member or affiliate name contained in the file is not valid. This could potentially occur when your organization has recently changed status or name.	Re-check your organization name and otherwise contact the CCMC Database Unit (dataservice@cencenelec.eu)
No data will be added. NSB indicated in the data file does not correspond to your user profile.	The national member or affiliate name contained in the file is not valid. This could potentially occur when your organization has recently changed name.	Re-check your organization name and otherwise contact the CCMC Database Unit (dataservice@cencenelec.eu)
This WI surrogate does not exist in the CEN Work Programme. Please give correct WI surrogate.	Incorrect WI surrogate (EURKEY = 1)	Check and correct the field 'WIID' before uploading your file.
This WI number does not exist in the CEN Work Programme. Please give correct WI number.	Incorrect WI number (EURKEY = 2)	Check and correct the field 'WIN' before uploading your file.
This European standard reference does not exist in the CEN Work Programme. Please give exact reference.	Incorrect European standard reference (EURKEY = 3)	Check and correct the field 'EURREF' before uploading your file.
The WI surrogate is missing. Please give the information.	Missing compulsory information (EURKEY = 1)	You need to provide the WIID as this is your selected key (EURKEY = 1). Complete this data and reload the file.

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Error message	Explanation	Action to be taken
The WI number is missing. Please give the information.	Missing compulsory information (EURKEY = 2)	You need to provide the WIN as this is your selected key (EURKEY = 2). Complete this data and reload the file.
The European standard reference is missing. Please give the information.	Missing compulsory information (EURKEY = 3)	You need to provide the EURREF as this is your selected key (EURKEY = 3). Complete this data and reload the file.
Incorrect Implementation process value. Please give correct value.	The compulsory field 'MOI' contains an incorrect value.	Check and correct the field 'MOI'. The 4 possible values are: <ul style="list-style-type: none"> • Publication • Endorsement • Announcement • Not impacted
The implementation process value is missing or incorrect. Please give the information.	Missing or incorrect compulsory information 'MOI'	Check or fill in the field 'MOI' before uploading your file.
The National standard reference is missing. Please give the information.	Missing compulsory information 'NAREF'	Fill in the field 'NAREF' before uploading your file.
The publication date is missing. Please give the information.	Missing compulsory information 'PUBD'	Fill in the field 'PUBD' before uploading your file.
No National implementation data will be added. National implementation already available as...	The data is already registered in the CCMC central database.	No action needed.
No data will be added. Several National Implementations are already available for this European Standard.	There are already at least 2 national standard references for this European Standard in the CCMC central database. There is therefore a potential data issue with the National Implementation data for this European Standard.	Check the situation and then contact CCMC (dataservice@cencenelec.eu) to correct the database.
The value on existing conflicting standard(s) is missing. Please give the information.	Missing compulsory information 'CONFL'	Fill in the field 'CONFL' before uploading your file. The 2 possible values are: <ul style="list-style-type: none"> • 0 (for No) • 1 (for Yes)
Incorrect existing conflicting standard(s) value. Please give correct value.	The compulsory field 'CONFL' contains an incorrect value.	Check and correct the field 'CONFL'. The 2 possible values are: <ul style="list-style-type: none"> • 0 (for No) • 1 (for Yes)

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Error message	Explanation	Action to be taken
Existing conflicting standard(s) = Y but the reference of national official journal announcing withdrawal is missing.	When the field 'CONFL' = 1 the file should include the reference of the national official journal announcing withdrawal.	If there are conflicting national standards, please fill in the field 'WJOUREF' before uploading your file.
Existing conflicting standard(s) = Y but the date of national official journal announcing withdrawal is missing.	When the field 'CONFL' = 1, it is expected that the file should include the date of the national official journal announcing withdrawal.	If there are conflicting national standards, please fill in the field 'WJOURD' before uploading your file.
No data will be added. Please contact the CCMC Administrator - MIDAS substructure not created	There is potentially a data issue within the CCMC central database.	This is an issue to be resolved on CCMC side. Please send these errors to the CCMC Database Unit (dataservice@cencenelec.eu) before performing the actual load.
No data will be added. This European Standard has not yet been published or has been withdrawn. The data you are uploading should only relate to active and published standards.	CCMC does not record information concerning withdrawn or not yet published standards.	In fact, you do not really need to remove this information from the file, as it simply will not be loaded. However, it may be cleaner in the future if your program could be adjusted to only include the active and published standards .
Implementation process value 'Not impacted' is only allowed for corrigenda	<i>(for Corrigenda only)</i> : to be used if your national implementation of an EN is not impacted by the corrigendum.	Select another method of Implementation: - Publication - Endorsement - Announcement
The national normative annex is missing. Please provide the information.	Missing compulsory information 'national normative annex(es)'	Fill in the field 'National normative annex(es)' before uploading your file.
Incorrect national normative annex(es) value. Please give correct value.	The compulsory field 'national normative annex(es)' contains an incorrect value.	Check and correct the field 'national normative annex(es)'. The 2 possible values are: <ul style="list-style-type: none"> • 0 (for No) • 1 (for Yes)
Incorrect BT decision value. Please give correct value.	The field 'BT decision' contains an incorrect value.	Check and correct the field 'national normative annex(es)'. The 2 possible values are: <ul style="list-style-type: none"> • 0 (for No) • 1 (for Yes)

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Error message	Explanation	Action to be taken
Incorrect national informative annex(es) value. Please give correct value.	The field 'national informative annex(es)' contains an incorrect value.	Check and correct the field 'national normative annex(es)'. The 2 possible values are: <ul style="list-style-type: none"> • 0 (for No) • 1 (for Yes)
The supplementary national deliverable(s) is missing. Please provide the information.	Missing compulsory information 'supplementary national deliverable(s)'	Fill in the field 'supplementary national deliverable(s)' before uploading your file.
Incorrect supplementary national deliverable(s) value. Please give correct value.	The field 'supplementary national deliverable(s)' contains an incorrect value.	Check and correct the field 'national normative annex(es)'. The 2 possible values are: <ul style="list-style-type: none"> • 0 (for No) • 1 (for Yes)
SYSTEM ERROR	An unexpected error has occurred.	Contact dataservice@cencenelec.eu

4.2 Warning messages

Warning message	Explanation	Action to be taken
An additional national reference will be added. National implementation already available as...	Another (non-identical) national standard reference exists in the CCMC central database for this European Standard. The new reference will be added.	Check if your Organization has in fact implemented the European Standard via two National Standards. If not, then there is a small problem. In fact, the system compares the National Standard reference in the CCMC central database with the reference in your file and concludes that they are different National Standards and creates an additional National Standard, when in fact it should have just been an update of the publication date. The best thing to do in this case is to leave your data unchanged, load the data and send a mail to dataservice@cencenelec.eu asking them to clean away the old reference.

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Warning message	Explanation	Action to be taken
An additional language will be added. National implementation already available as...	An identical national standard reference exists in the CCMC central database but with a different language. It is therefore assumed that the National Standard has been issued in an additional language.	If this is not correct, please contact the CCMC Database Unit (dataservice@cencenelec.eu) asking them to correct the database.
Invalid language code. No language will be taken.	The language code provided does not correspond to the standard language code (ISO 639).	Re-check your language code (cf ISO 639) and then correct the field 'LANGCODE' before uploading your file.
The publication date will be updated. National implementation already available as...	An identical national standard reference exists in the CCMC central database but with a different publication date. It is assumed to be a data correction.	If this is not correct, please contact the CCMC Database Unit (dataservice@cencenelec.eu) asking them to correct the database.
The publication date will be updated, a language will be added. National implementation already available as...	An identical national standard reference exists in the CCMC central database but with a different publication date and no language registered. It is assumed to be a data correction/update.	If this is not correct, please contact the CCMC Database Unit (dataservice@cencenelec.eu) asking them to correct the database.
An optional data field will be updated. National implementation already available as...	An identical national standard reference exists in the CCMC central database with some of the optional fields present in your file missing (e.g. 'JOUREF', 'JOURD'...). The new information will be simply added.	No action needed.
An additional conflicting standard will be added. Conflicting standard already available as...	Another (non-identical) conflicting national standard exists in the CCMC central database for this European Standard. The new reference will be added.	Check that your organization has indeed several National conflicting standards recorded for this European Standard. If this is not correct, please contact the CCMC Database Unit (dataservice@cencenelec.eu) asking them to correct the database.
No Conflicting National Standard data will be loaded. Conflicting National Standard data already available as...	The data is already registered in the CCMC central database.	No action needed.

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Warning message	Explanation	Action to be taken
No Conflicting National Standard data will be added. Withdrawal only concerns ENs.	CCMC does not record information concerning the withdrawal of conflicting national standards for non-EN standards.	In fact you do not really need to remove this information from the file, as it simply will not be loaded. However, it may be cleaner in the future if your program could be adjusted to output national conflicting standard withdrawal information for ENs only.
No conflicting standard data will be added as this information is not stored at CCMC for corrigendum.	CCMC does not record information concerning the withdrawal of conflicting national standards for Corrigenda.	In fact you do not really need to remove this information from the file, as it simply will not be loaded. However, it may be cleaner in the future if your program could be adjusted to exclude national conflicting standard withdrawal information on Corrigenda.
The publication date will be updated. Conflicting National Standard already available as	An identical conflicting national standard exists in the CCMC central database but with a different publication date. It is assumed to be a data correction.	If this is not correct, please contact the CCMC Database Unit (dataservice@cencenelec.eu) asking them to correct the database.
No Conflicting National Standard data will be loaded. The field CONFL = 'No' but you gave Conflicting National Standard information in your file	You have put 'CONFL' = 0 (i.e. 'No') but you gave information on conflicting national standard(s).	Re-check the situation and correct the appropriate fields before uploading your file.
Conflicting standard information will not be loaded due to Affiliate Status at the time of publication.	CCMC does not record information concerning the withdrawal of conflicting national standards for non CEN Members.	In fact you do not really need to remove this information from the file, as it simply will not be loaded. However, it may be cleaner in the future if your program could be adjusted to exclude national conflicting standard withdrawal information for standards published before you were CEN Member.

5 Reminder file criteria

Criteria You have first to select between generating a reminder file containing the **List of European Standards for which data has not been provided by your NSB** (default value), or the **List of all European Standards** irrespective of whether data has been received or not.

Select a module: National Implementation

Upload Files Create Reminder Files

1 Create:

Criteria:

- List of European Standards for which data has not been provided by DIN
- List of European Standards for which data has not been provided by DIN
- List of all European Standards

None e.g. 2011-06-06 To: e.g. 2011-06-06

Format: Xml Excel (xls) Compress file Create reminder file

Date Optional criteria.

You have the possibility to apply an additional criteria based on the **Date of Availability (DAV)** or on the **Date of Publication (DOP)**. By default, no date criteria is applied.

Date: None From: e.g. 2011-06-06 To: e.g. 2011-06-06

None Date of Availability (DAV) Date of Publication (DOP) Compress file Create reminder file

From – To Once the Date criteria is selected, select the **From** and **To** dates by clicking on 17. A calendar opens. Select the relevant date.

Date: Date of Availability (DAV) From: e.g. 2011-06-06 To: e.g. 2011-06-06

Format: Xml Excel (xls) Compress file

2 Reminder files:

Date	Options	From	To
2012-05-07	Missing		
2012-05-04	Missing		

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clear close Last>>

Format The reminder file can be provided in **XML** (default value) or **XLS** format.

By default, the file will be compressed (zipped) but if you want, you can uncheck the **Compress file** option.

Format: Xml Excel (xls) Compress file Create reminder file

ANNEX I – iPROJEX documentation per modules

Specific documentations are available for all the modules (per format) on the CEN Expert Portal and CENELEC Expert Portal:

[User Guides & Templates - Experts CEN](#)

[User Guides & Templates - Experts CENELEC](#)

General User Guide	iProjex General User Guide
National Implementation	iProjex National Implementation - XLS documentation
	iProjex National Implementation - XML documentation
National Titles	iProjex National Titles - XLS documentation
	iProjex National Titles - XML documentation
Technical Body Titles and Scopes	iProjex TB Titles&Scopes - XML documentation
ICS	iProjex ICS - XML documentation
Infopro	iProjex Infopro - XLS documentation
	iProjex Infopro - XML documentation
Keymark Certificates	iProjex Keymark - XLS documentation
National Implementation for International Partners	iProjex National Implementation Partner - XLS documentation
	iProjex National Implementation Partner - XML documentation
Translation prior Formal Vote	iProjex Translation prior FV - XLS documentation
	iProjex Translation prior FV - XML documentation
Webservice User Guide	iProjex WebServices User Guide
API User Guide	iProjex API User Guide
All XSD Schema	iProjex XSD
Excel Template for INFOPRO	iProjex Infopro Template (XLS) - NEW
Guidance on National Adoption for International Partners	iProjex National Adoptions for International Partners - Presentation
	iProjex National Adoptions for International Partners - Tutorial