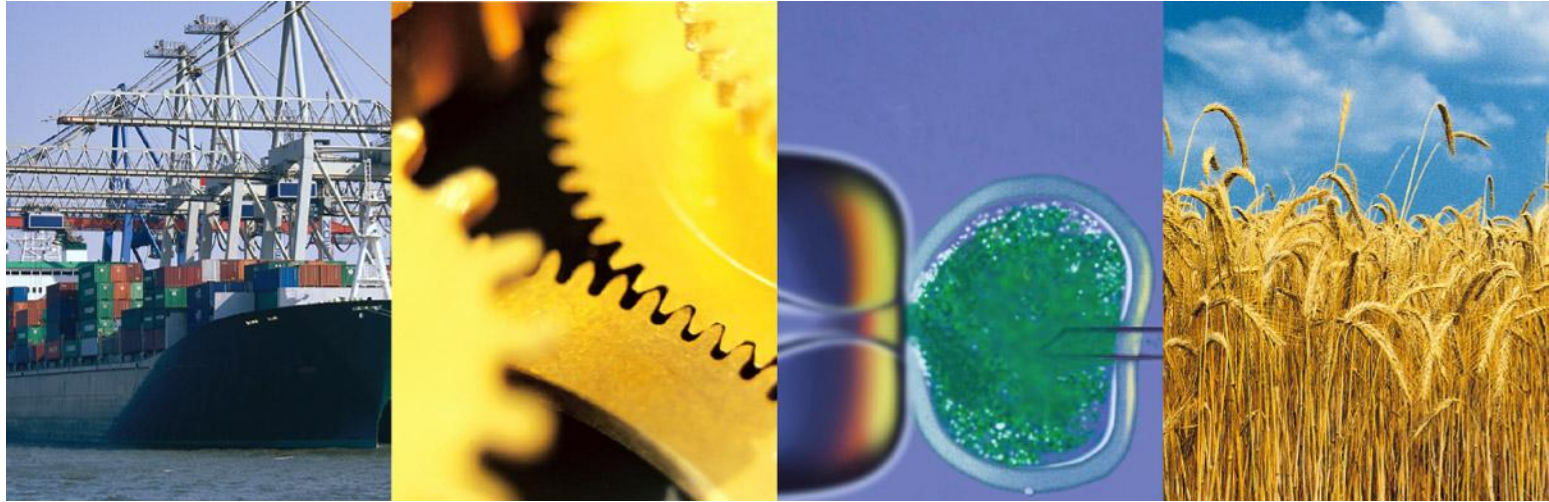


# ISO – Single source publishing



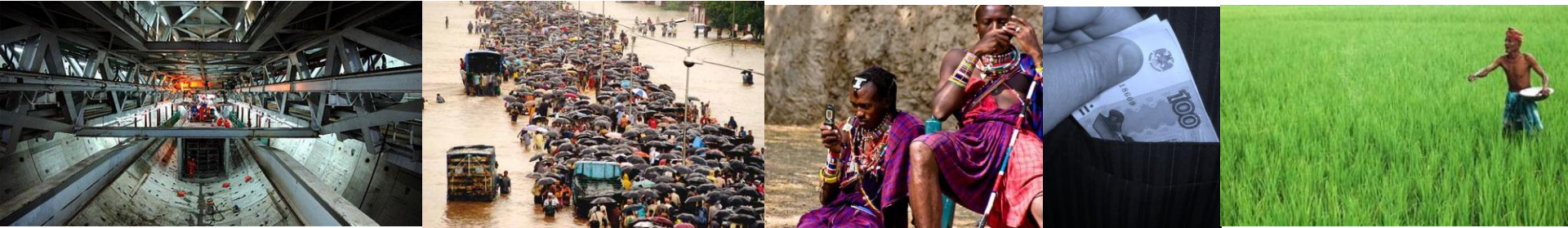
**eXtyles user group meeting 2012**

Boston, November 16<sup>th</sup> 2012

Frame Shannon - Galichet Laurent - Juillerat Serge

International Organization for Standardization

# Agenda

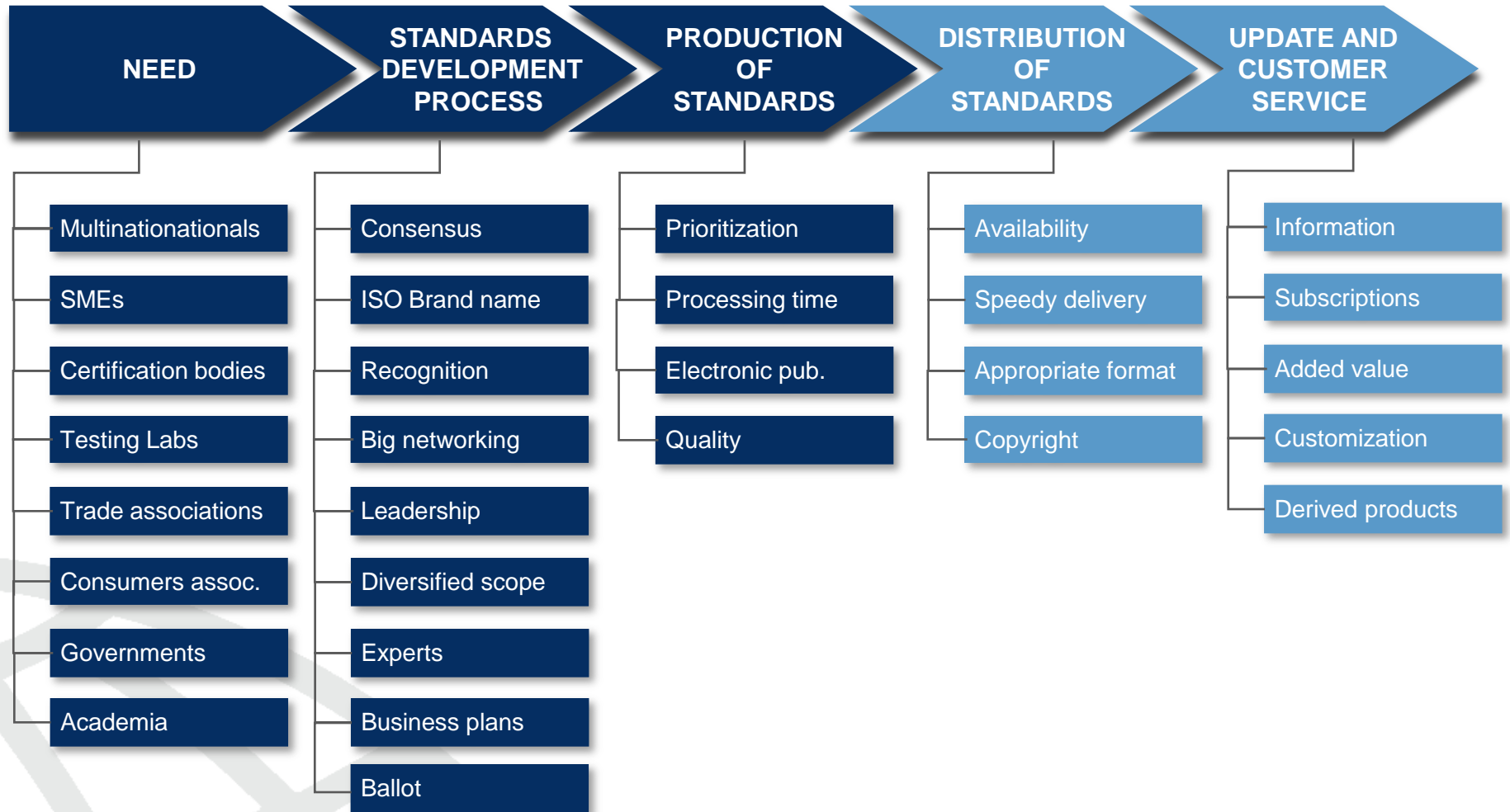


- About ISO
- The need for XML
- The new XML publishing process
- ISO customization of eXtyles document information window
- Online Browsing Platform – bringing content to the customer
- Demo
- Q&A

**ISO is the world's  
largest developer  
and publisher of  
International  
Standards.**

# How are standards developed?

## The ISO value chain





# Objectives

Creation of a central repository  
of standards in XML

Improve speed to market  
also for national adoptions

Enable members to develop  
and offer new products

Reduce or avoid  
duplication of costs



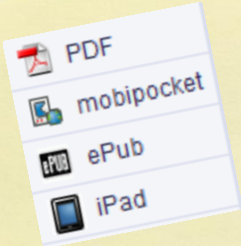
# Services to customers

ISO members to  
enhance and customize  
XML-based products  
for their customer  
needs

ISO/CS to provide  
direct services where  
clear market demand



# New high value products and services



modern formats



new online products

```
<?xml version="1.0" encoding="UTF-8">
<!DOCTYPE standard SYSTEM "ISO-15505-2005.dtd" [
  <standard xmlns:tbx="urn:iso:std:iso:15505-2005" >
    <front>
      <sec id="sec_foreword" sec-type="foreword">
        <title>Foreword</title>
        <p>ISO (the International Organization for Standardization) has prepared this International Standard to meet the needs of technical...
      </sec>
    </front>
  </standard>
</?xml>
```

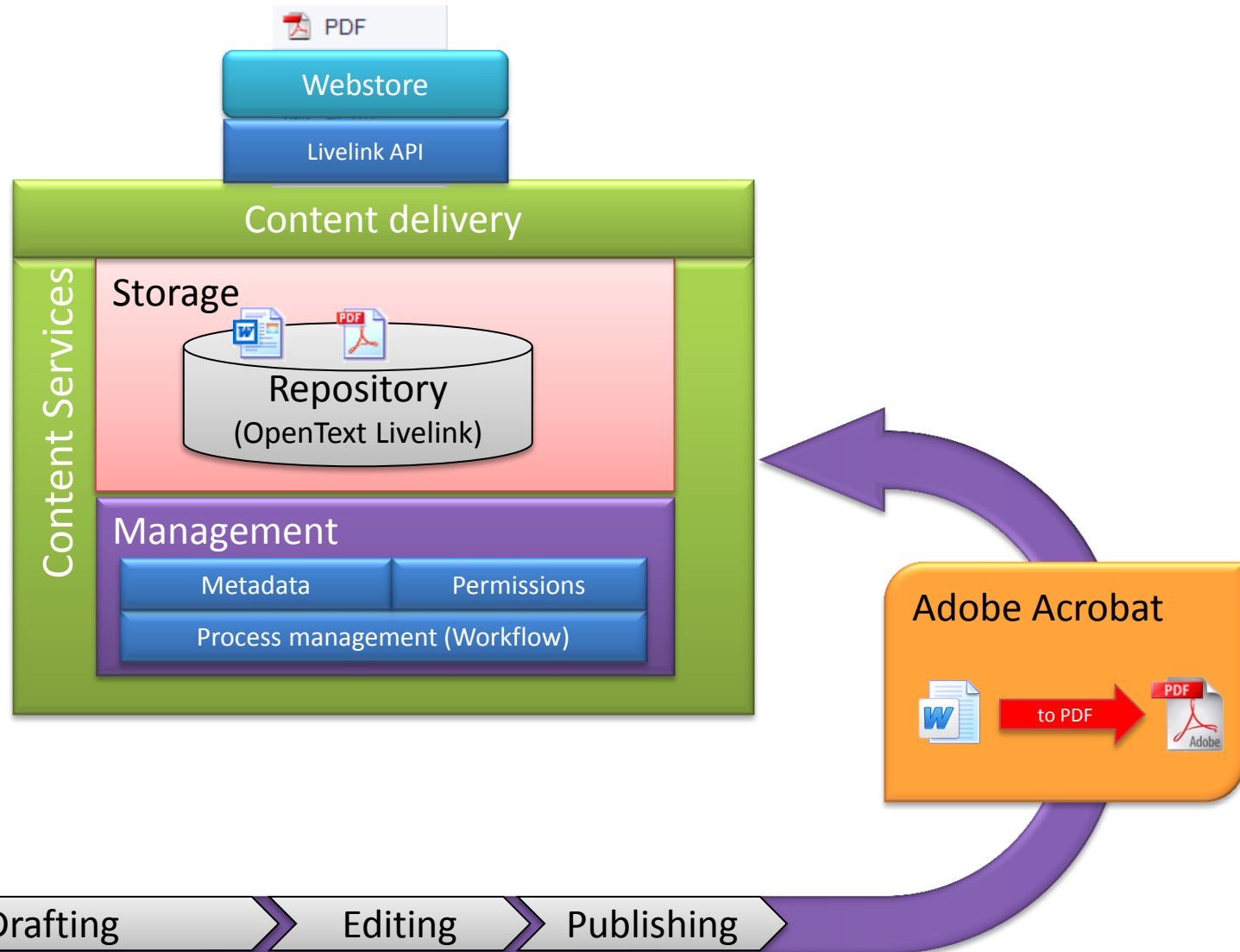
tailored data feeds

AND

...be ready for market needs

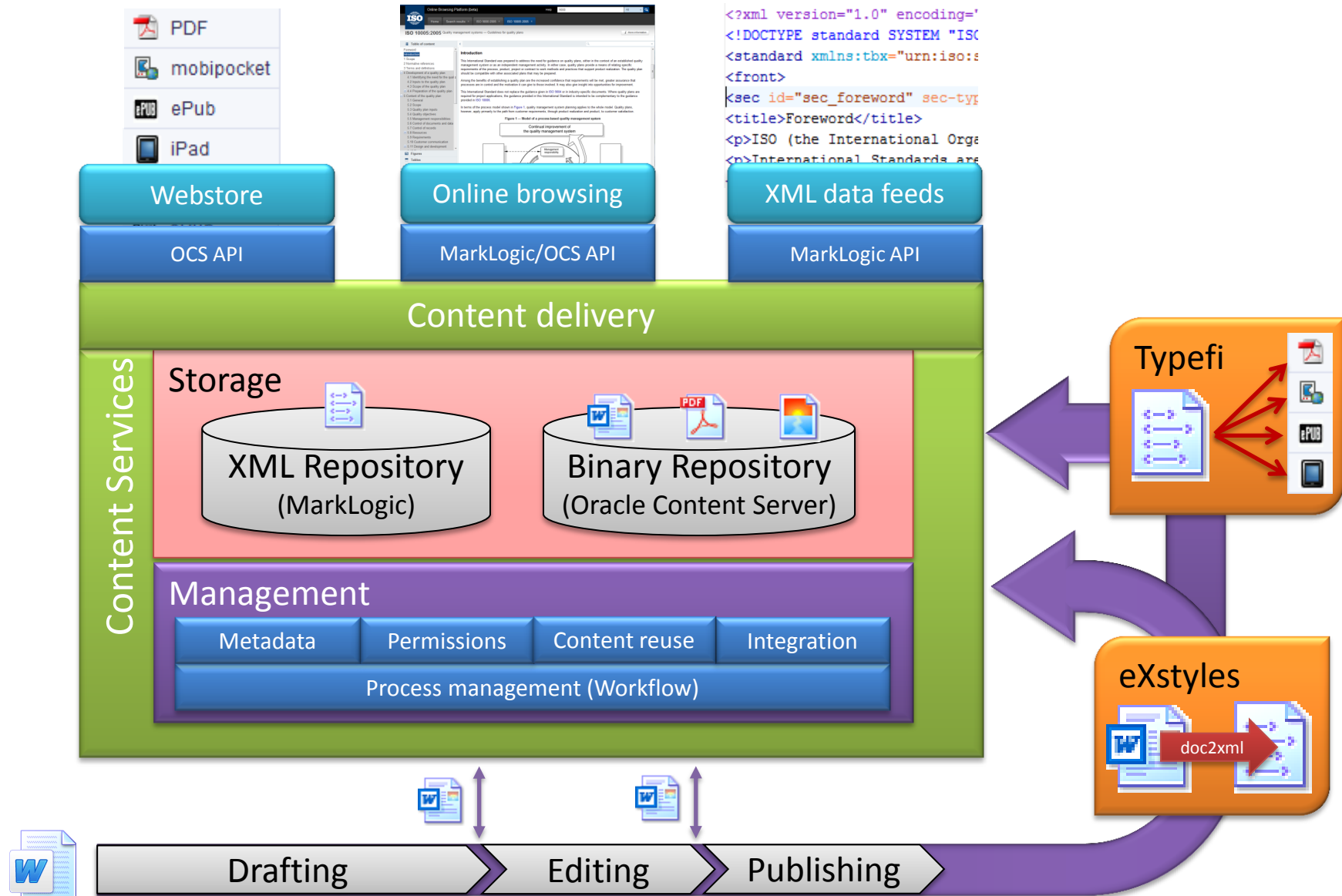


# ISO/CS publishing – System Architecture (before XML)





# ISO/CS XML publishing - System Architecture



# Document information – metadata

|  |           |  |
|--|-----------|--|
| SDO                                    | ISO       | ▼<iso-meta><br>▼<title-wrap xml:lang="en"><br><intro>Road vehicles</intro><br>▼<main><br>Environmental conditions and testing for electrical and electronic equipment<br></main><br><compl>Electrical loads</compl><br>▼<full><br>Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Part 2: Ele<br></full><br></title-wrap><br>▼<title-wrap xml:lang="fr"><br><intro>Véhicules routiers</intro><br>▼<main><br>Spécifications d'environnement et essais de l'équipement électrique et électronique<br></main><br><compl>Contraintes électriques</compl><br>▼<full><br>Véhicules routiers – Spécifications d'environnement et essais de l'équipement électrique et électronique –<br></full><br></title-wrap><br>▼<doc-ident><br><sdo>ISO</sdo><br><proj-id>61280</proj-id><br><language>en</language><br><release-version>IS</release-version><br><urn>iso:std:iso:16750:-2:ed-4:v1:en</urn><br></doc-ident><br>▼<std-ident><br><originator>ISO</originator><br><doc-type>IS</doc-type><br><doc-number>16750</doc-number><br><part-number>2</part-number><br><edition>4</edition><br><version>1</version><br></std-ident><br><content-language>en</content-language><br><std-ref type="dated">ISO 16750-2:2012</std-ref> |
| Project ID                             | 61280     |  |
| Language                               | en        |  |
| Stage                                  |           |  |
| Date                                   |           |  |
| <input type="button" value="Valider"/> |           |  |
| Version                                | 0.2 build |  |

Web service call

# Document information – metadata

① Fill in document ID and language

② Call ISO metadata web service

③ Apply eXtyles activation

The screenshot shows a 'Document Information' dialog box with the following fields and sections:

- ISO metadata search:**
  - \* eXtyles document language:
  - Document ID:
  - Language:
  - Get Metadata button
- Metadata:**
  - Titles (en/fr):
    - Road vehicles / Véhicules routiers
    - Environmental conditions and testing for electrical and electronic equipment / Spécifications d'environnement et essais de l'équipement électrique et électronique
    - Electrical loads / Contraintes électriques
- Identification:**
  - ISO:   Part:  Edition:
- References:**
  - ISO 16750-2(en):
  - DIN:
- Vienna agreement:**  -  -
- Publication date:**  ☐ Without TOC?
- Voting dates:**
- French nb pages:**
- Buttons: Cancel, OK

# Document information – metadata

FINAL DRAFT

INTERNATIONAL STANDARD

ISO/TC 22/SC 3  
Secretariat: DIN  
Voting begins on: 2012-xx-xx  
Voting terminates on: 2012-xx-xx

Road vehicles — Environmental conditions and electrical and electronic equipment  
Part 2: Electromagnetic compatibility

ISO 10987: 2012

First edition  
2012-11-15

Earth-moving machinery — Sustainability — Terminology, sustainability factors and reporting  
*Engins de terrassement — Durabilité — Terminologie, facteurs de durabilité et rapport*

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ISO

FINAL DRAFT INTERNATIONAL STANDARD

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*Engins de terrassement — Durabilité — Terminologie, facteurs de durabilité et rapport*

Online Browsing Platform (beta)

Home Search results

Welcome to the Online Browsing Platform (PUBLIC BETA)

The Online Browsing Platform provides you with easy access to graphical symbols, codes or terms and definitions. It allows you to:

- Access the most up to date content;
- Run full-text searches and use advanced filtering options;
- Preview content before buying.

Start now !

Search graphical symbols, codes or terms and definitions !

All (Global search) Standards Graphical symbols Codes Terms & Definitions

Need help getting started? Check our [Quick start](#) guide here!

Help us improve ! send us your **feedback** using the contact form below!  
Looking for the old ISO Concept Database (CDB) application?

**Feedback**

the bottom, top, or right edge of the page. Double-tap a table to view the entire table in full screen mode. While viewing a table, you can zoom in and out by pinching two fingers together or apart. To resume reading, double-tap the table again.

# Online Browsing Platform

## Functional overview

- Online access to standards, graphical symbols, terms and definition, codes
- Preview of publicly available sections of standards, e.g. table of content, introduction, scope, normative references, terms and definitions
- Linking of standard references in text and bibliography
- Automatic extraction of terms and definition from standards to become searchable items
- Full text search across different content



# Online Browsing Platform

## The challenges

- Standards can be very different in size and complexity
- Different XML for different content sections to capture semantics
  - Terms and definitions

### 3 Terms and definitions

For the purposes of this document, the following

#### 3.1

##### **boundaries**

physical or site limits and/or organizational limits

EXAMPLE      A process; a group of processes; an organization.

#### 3.2

##### **continual improvement**

recurring process which results in enhancement


```
<term-sec id="sec_3.1">
  <label>3.1</label>
  <tbx:termEntry id="term_3.1">
    <tbx:langSet xml:lang="en">
      <tbx:definition>physical or site limits and/or organizat
      <tbx:example>A process; a group of processes; a site; ar
    <tbx:tig>
      <tbx:term>boundaries</tbx:term>
      <tbx:partOfSpeech value="noun"/>
    </tbx:tig>
  </tbx:langSet>
</tbx:termEntry>
</term-sec>
```

# Online Browsing Platform

The business opportunities

- New pricing models for online access
- Move from single copy sales to subscription
- New products and services
  - collections combining and interlinking standards and non-standards material such as articles, news, expert comments
  - automatic access to the latest version of a standard for subscriptions, update notifications
- Become “interactive” (allow upload of user content, custom collections) and “social” (annotate standards, share and discuss with peers)

# Demo of the Online Browsing Platform

Online Browsing Platform (beta)

Help

vehicle

All

Q

HomeSearch results x

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- Access the most up to date content;
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**Start now !**

Search graphical symbols, codes or terms and definitions !

☒ All (Global search) ☐ Standards ☐ Graphical symbols ☐ Codes ☐ Terms & Definitions

Q

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Feedback

**Thank you for your attention**

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**Visit the Online Browsing Platform at**  
**<http://www.iso.org/obp/>**