



# Standardization Needs Form

## A) Project's Goal

1) Do you think our project should be market-focused?

No

## B) General issues

1) Do you expect to export the results to an international market?

Yes

If yes, please specify which countries:

a) Only European countries

X

b) European and non-European countries

c) A specific market:

2) Do you expect a long-term impact?

Yes

3) Do you think the final result has potential to promote public procurements?

Yes

## C) Specific issues

According to your activity;

1) Do you need results compatible with other technologies?

No

If yes, please specify which technologies:


2) Does the project imply H&S specifications?

Yes

If the answer is positive;

a) Any specific regulation/normative/standard?

Yes

If so, please specify which regulation/normative/standard;

Authentication
Authorisation
Accounting

b) Do you require any certificate?

No

If so, please specify the certificates you need


3) Does the project imply environment specifications?

No

If the answer is positive;

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

If so, please specify the certificates you need


4) Does the project imply quality specifications?

No

If the answer is positive;

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

If so, please specify the certificates you need


5) Does the project imply energy-efficiency specifications?

No

If the answer is positive;

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

If so, please specify the certificates you need

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6) Does the project imply any other specification?  
If the answer is positive, please specify the subject

Yes

I) Subject 1

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;

Encryption - AES - <a href="http://csrc.nist.gov/publications/fips/fips197/fips-197.pdf">http://csrc.nist.gov/publications/fips/fips197/fips-197.pdf</a>
Communication - TLS - <a href="https://tools.ietf.org/html/rfc5246">https://tools.ietf.org/html/rfc5246</a>
Password Hashes - scrypt - <a href="http://www.tarsnap.com/scrypt.html">http://www.tarsnap.com/scrypt.html</a>
Public Key Infrastructure - X.509 - <a href="http://www.itu.int/rec/T-REC-X.509">http://www.itu.int/rec/T-REC-X.509</a>

b) Do you require any certificate?

If so, please specify the certificates you need


II) Subject 2

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

If so, please specify the certificates you need


III) Subject 3

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

If so, please specify the certificates you need




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b) European and non-European countries

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c) A specific market:

2) Do you expect a long-term impact?

Yes

3) Do you think the final result has potential to promote public procurements?

Yes

## C) Specific issues

According to your activity;

1) Do you need results compatible with other technologies?

Yes

If yes, please specify which technologies:

BIM


2) Does the project imply H&S specifications?

Yes

If the answer is positive;

a) Any specific regulation/normative/standard?

Yes

If so, please specify which regulation/normative/standard;

Helmet : EN 397

Protection Glasses : EN 166

Personal Protective Equipment : Royal Decree of 13 June 2005 on the use of personal protective equipment [Arrêté royal du 13 juin 2005 relatif à l'utilisation des équipements de protection individuelle]

b) Do you require any certificate?

No

If so, please specify the certificates you need



3) Does the project imply environment specifications?

No

If the answer is positive;

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

If so, please specify the certificates you need


4) Does the project imply quality specifications?

Yes

If the answer is positive;

a) Any specific regulation/normative/standard?

Yes

If so, please specify which regulation/normative/standard;

EN 60529

b) Do you require any certificate?

Yes

If so, please specify the certificates you need

CE
International Protection Marking, IEC standard 60529

5) Does the project imply energy-efficiency specifications?

Yes

If the answer is positive;

a) Any specific regulation/normative/standard?

Yes

If so, please specify which regulation/normative/standard;

DIRECTIVE 2012/27/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 25 October 2012 on energy efficiency, amending Directives 2009/125/EC and 2010/30/EU and repealing Directives 2004/8/EC and 2006/32/EC
Directive 2010/31/EU of the European Parliament and of the Council of 19 May 2010 on the energy performance of buildings (EPB)

Europe

6 MAI 2014.—Arrêté ministériel portant exécution des annexes V, IX et X de l'arrêté du Gouvernement de la Région de Bruxelles-Capitale du 21 décembre 2007 déterminant des exigences en matière de performance énergétique et de climat intérieur des bâtiments, p. 71498.	Brussels
2 MAI 2013. - Ordonnance portant le Code bruxellois de l'Air, du Climat et de la Maîtrise de l'Energie (1)	Brussels
14 MAI 2009 - Ordonnance relative à la performance énergétique et au climat intérieur des bâtiments	Brussels
Arrêté du Gouvernement de la Région de Bruxelles-Capitale du 21 décembre 2007 déterminant des exigences en matière de performance énergétique et de climat intérieur des bâtiments - version coordonnée officielle	Brussels
12 décembre 2013. Arrêté du Gouvernement wallon modifiant, en ce qui concerne les dispositions relatives à la performance énergétique des bâtiments, le Code wallon de l'Aménagement du Territoire, de l'Urbanisme, du Patrimoine et de l'Energie	Wallonia
22 Décembre 2006. Décret établissant des exigences et mesures de maintien en matière de performance énergétique et de climat intérieur de bâtiments et portant instauration d'un certificat de performance énergétique et modifiant l'article 22 du décret REG	Flanders
29 novembre 2013. Arrêté du Gouvernement flamand portant modification de l'arrêté relatif à l'énergie du 19 novembre 2010 en ce qui concerne les performances énergétiques de bâtiments	Flanders

b) Do you require any certificate?

Yes

If so, please specify the certificates you need

EPB Certificate

6) Does the project imply any other specification?

No

If the answer is positive, please specify the subject

I) Subject 1

--

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

If so, please specify the certificates you need


II) Subject 2

--

a) Any specific regulation/normative/standard?  
If so, please specify which regulation/normative/standard;


b) Do you require any certificate?  
If so, please specify the certificates you need


III) Subject 3

a) Any specific regulation/normative/standard?  
If so, please specify which regulation/normative/standard;


b) Do you require any certificate?  
If so, please specify the certificates you need






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## B) General issues

1) Do you expect to export the results to an international market?

Yes

If yes, please specify which countries:

a) Only European countries

X

b) European and non-European countries

c) A specific market:

2) Do you expect a long-term impact?

Yes

3) Do you think the final result has potential to promote public procurements?

No

## C) Specific issues

According to your activity;

1) Do you need results compatible with other technologies?

Yes

If yes, please specify which technologies:

3D and 4D CAD and BIM

2) Does the project imply H&S specifications?

Yes

If the answer is positive;

a) Any specific regulation/normative/standard?

Yes

If so, please specify which regulation/normative/standard;

The 1996-2002 Cyprus Legislation for Health and Safety at Workplaces

The 2002 Cyprus Regulations (KDP 173/2002) for the Management of Health and Safety at Workplaces issues

The 2002 Cyprus Regulations (KDP 172/2002) for Health and Safety at Workplaces (Minimum requirements for Temporary or Mobile sites)

b) Do you require any certificate?

No

If so, please specify the certificates you need


3) Does the project imply environment specifications?

No

If the answer is positive;

a) Any specific regulation/normative/standard?

No

If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

No

If so, please specify the certificates you need


4) Does the project imply quality specifications?

Yes

If the answer is positive;

a) Any specific regulation/normative/standard?

No

If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

No

If so, please specify the certificates you need


5) Does the project imply energy-efficiency specifications?

Yes

If the answer is positive;

a) Any specific regulation/normative/standard?

Yes

If so, please specify which regulation/normative/standard;

The 2010 Energy Performance of Buildings EU Directive (2010/31)
The 2012 Energy Efficiency EU Directive
The 2006-2012 Cyprus Legislation for the Management of Energy Efficiency in Buildings

b) Do you require any certificate?

Yes

If so, please specify the certificates you need

Energy Efficiency Certificate, classification based on energy consumption

6) Does the project imply any other specification?

No

If the answer is positive, please specify the subject

I) Subject 1

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;

b) Do you require any certificate?

If so, please specify the certificates you need

II) Subject 2

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;

b) Do you require any certificate?

If so, please specify the certificates you need

III) Subject 3

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

If so, please specify the certificates you need




# Standardization Needs Form

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b) European and non-European countries

c) A specific market:

X

2) Do you expect a long-term impact?

Yes

3) Do you think the final result has potential to promote public procurements?

No

## C) Specific issues

According to your activity;

1) Do you need results compatible with other technologies?

Yes

If yes, please specify which technologies:

Open Source, integrated with Web Services SOAP and REST, and compatible with ERP (SAP) and BUS (Oracle).

BIM

The application must be hybrid and supported by Android and IOs.

2) Does the project imply H&S specifications?

Yes

If the answer is positive;

a) Any specific regulation/normative/standard?

Yes

If so, please specify which regulation/normative/standard;

General EU regulations and specifically (Spanish regulations):

Ley 31-1995 Prevención de Riesgos Laborales

Ley 32- 2006 reguladora de la subcontratación en el Sector de la Construcción

RD 39-1997 Reglamento de los Servicios de PRL

RD 171-2004 Desarrollo del artículo 24 de la LPRL, en materia de coordinación de actividades

RD 485-1997 Señalización de seguridad en el trabajo

RD 486-1997 Lugares de trabajo

RD 604-2006

RD 614-2001 Riesgo Eléctrico

RD 664-1997 Agentes Biológicos

RD 773-1997 Equipos de Protección Individual

RD 1109-2007 que desarrolla la Ley de subcontratación
RD 1215-1997 Utilización de equipos de trabajo
RD 1627-1997 Obras de Construcción
RD 2177 2004, por el que se modifica el RD 1215 Utilización de equipos de trabajo
Real Decreto Legislativo 5 2000 texto refundido de la LISOS

b) Do you require any certificate?

 Yes

If so, please specify the certificates you need

CE

3) Does the project imply environment specifications?

 Yes

If the answer is positive;

a) Any specific regulation/normative/standard?

 Yes

If so, please specify which regulation/normative/standard;

General EU regulations and specifically (Spanish regulations):
Ley 13/85 Del Patrimonio Histórico Español
Ley 37/03 Ley del Ruido
Real Decreto 105/2008 Producción y Gestión de RCD (Residuos de Construcción y Demolición)
Ley 22/11 Residuos y suelos contaminados
Ley 11/97 Envases
Orden Ministerial 304/02 Valorización y eliminación y LER
Real Decreto 1131/88 Reglamento para la ejecución del RDL 1302/86
Real Decreto 379/01 Reglamento de almacenamiento de Producto Químicos

b) Do you require any certificate?

If so, please specify the certificates you need

To be defined according to the final requirements / applications of the project

4) Does the project imply quality specifications?

 Yes

If the answer is positive;

a) Any specific regulation/normative/standard?

 Yes

If so, please specify which regulation/normative/standard;

Ferrovial Agroman's design and construction activities have been certified under ISO 9001 by AENOR since June 1995. Broadly speaking, those systems are certified to the ISO 9001 and 14001 standards.

b) Do you require any certificate?

If so, please specify the certificates you need

The systems/devices should have the certificates required by the ISO 9001 and 14001 standards. Those certificates will depend on the final applications of the system. For example, if the system is prepared to carry out measurements, calibration certificates will be needed


5) Does the project imply energy-efficiency specifications?

Yes

If the answer is positive;

a) Any specific regulation/normative/standard?

Yes

If so, please specify which regulation/normative/standard;

DIRECTIVE 2012/27/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 25 October 2012 on energy efficiency, amending Directives 2009/125/EC and 2010/30/EU and repealing Directives 2004/8/EC and 2006/32/EC

Directive 2010/31/EU of the European Parliament and of the Council of 19 May 2010 on the energy performance of buildings (EPB)

Código técnico de la edificación / Technical Code for Building Construction

b) Do you require any certificate?

If so, please specify the certificates you need

Energy Efficiency Certificate, classification based on energy consumption


6) Does the project imply any other specification?

If the answer is positive, please specify the subject

I) Subject 1

--

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

If so, please specify the certificates you need


II) Subject 2

--

a) Any specific regulation/normative/standard?  
If so, please specify which regulation/normative/standard;


b) Do you require any certificate?  
If so, please specify the certificates you need


III) Subject 3

a) Any specific regulation/normative/standard?  
If so, please specify which regulation/normative/standard;


b) Do you require any certificate?  
If so, please specify the certificates you need






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## B) General issues

1) Do you expect to export the results to an international market?

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If yes, please specify which countries:

a) Only European countries

X

b) European and non-European countries

c) A specific market:

2) Do you expect a long-term impact?

Yes

3) Do you think the final result has potential to promote public procurements?

Yes

## C) Specific issues

According to your activity;

1) Do you need results compatible with other technologies?

Yes

If yes, please specify which technologies:

BIM

Project&Construction Coordination software: i.e. Microsoft Project, Sablono, etc.

2) Does the project imply H&S specifications?

Yes

If the answer is positive;

a) Any specific regulation/normative/standard?

Yes

If so, please specify which regulation/normative/standard;

Helmet : EN 397

Protection Glasses : EN 166

LEGISLATIVO 4 DICEMBRE 1992 N° 475 (to attenuate Directive 89/686/CEE (personal protective equipment) in Italy)

Italian Legislation regarding H&S in the workplace: IL DECRETO LEGISLATIVO 9 APRILE 2008 N° 81

b) Do you require any certificate?

No

If so, please specify the certificates you need

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3) Does the project imply environment specifications?

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a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;


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4) Does the project imply quality specifications?

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If the answer is positive;

a) Any specific regulation/normative/standard?

Yes

If so, please specify which regulation/normative/standard;

Directive 89/686/CEE

b) Do you require any certificate?

Yes

If so, please specify the certificates you need

CE

5) Does the project imply energy-efficiency specifications?

Yes

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a) Any specific regulation/normative/standard?

Yes

If so, please specify which regulation/normative/standard;

DIRECTIVE 2012/27/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 25 October 2012 on energy efficiency, amending Directives 2009/125/EC and 2010/30/EU and repealing Directives 2004/8/EC and 2006/32/EC
Directive 2010/31/EU of the European Parliament and of the Council of 19 May 2010 on the energy performance of buildings (EPB)

Europe

DECRETO 26 giugno 2015 Applicazione delle metodologie di calcolo delle prestazioni energetiche e definizione delle prescrizioni e dei requisiti minimi degli edifici.	Italy
Legge 90/2013: Disposizioni urgenti per il recepimento della Direttiva 2010/31/UE del Parlamento europeo e del Consiglio del 19 maggio 2010, sulla prestazione energetica nell'edilizia per la definizione delle procedure d'infrazione avviate dalla Commissione europea, nonché altre disposizioni in materia di coesione sociale	Italy
D.Lgs. 192/2005: Attuazione della direttiva 2002/91/CE relativa al rendimento energetico nell'edilizia	Italy

b) Do you require any certificate?  Yes  
 If so, please specify the certificates you need

EPB (Energy performance of buildings) Certificate according to the Linee Guida Nazionali (D.M. 26 giugno 2009 and DECRETO 26 giugno 2015)
Some Regions and Provinces follow different certification standards: Provincia Autonoma di Bolzano - CasaClima Standard Valle d'Aosta - Beauclimat Standard Lombardia, Liguria, Trento, Piemonte, Emilia Romagna - Local Standard and Legislation Friuli Venezia Giulia- VEA Protocol

6) Does the project imply any other specification?  No  
 If the answer is positive, please specify the subject

1) Subject 1

a) Any specific regulation/normative/standard?   
 If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

If so, please specify the certificates you need


II) Subject 2

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

If so, please specify the certificates you need


III) Subject 3

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

If so, please specify the certificates you need




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3) Do you think the final result has potential to promote public procurements?

 Yes

## C) Specific Issues

According to your activity;

1) Do you need results compatible with other technologies?

 Yes

If yes, please specify which technologies:

Currently industry standard CAD packages such as Autodesk AutoCAD and REVIT
moving forward, it should be compatible with BIM programmes such as REVIT

2) Does the project imply H&S specifications?

 Yes

If the answer is positive;

a) Any specific regulation/normative/standard?

 Yes

If so, please specify which regulation/normative/standard;

Personal Protective Equipment Regulations 2002

b) Do you require any certificate?

 Yes

If so, please specify the certificates you need

PPE Must be CE marked

3) Does the project imply environment specifications?

If the answer is positive;

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

If so, please specify the certificates you need


4) Does the project imply quality specifications?

If the answer is positive;

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;

ISO 9001
ISO 14001
BS EN 18001

b) Do you require any certificate?

If so, please specify the certificates you need


5) Does the project imply energy-efficiency specifications?

If the answer is positive;

a) Any specific regulation/normative/standard?

If so, please specify which regulation/normative/standard;

Building Regulations Part L
Planning Standards - Local Plan, Unitary Development Plan, Local Development Plan
Energy Act 2011
THE ENERGY PERFORMANCE OF BUILDINGS (ENGLAND AND WALES) REGULATIONS 2012

b) Do you require any certificate?

If so, please specify the certificates you need

EPCs
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6) Does the project imply any other specification?  
If the answer is positive, please specify the subject

I) Subject 1

a) Any specific regulation/normative/standard?  
If so, please specify which regulation/normative/standard;

Calibratable, CE Marked

b) Do you require any certificate?  
If so, please specify the certificates you need


II) Subject 2

a) Any specific regulation/normative/standard?  
If so, please specify which regulation/normative/standard;


b) Do you require any certificate?  
If so, please specify the certificates you need


III) Subject 3

a) Any specific regulation/normative/standard?  
If so, please specify which regulation/normative/standard;


b) Do you require any certificate?

If so, please specify the certificates you need
