



# **The ESS Metadata Handler Users Group Meeting**

**18 March 2013**

**Grants for 2012  
"Horizontal and  
vertical integration"**

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Eurostat Unit B 5**

# Overview call for proposals

**Title: "Horizontal and vertical integration: Implementing technical and statistical standards in the European Statistical system"**

**Invitation sent to: ESS (30 countries)**

**Submission of applications: 19 June 2012 – 10 August 2012**

**Estimated budget: EUR 1 262 000**

**Scheduled starting date of the action: last quarter 2012**

**Maximum duration: 24 months**

# Overview technical specification

**Objectives: to support the implementation of:**

**(1) ESS IT infrastructure and IT applications**

**(2) ESS metadata standards**

**(3) SDMX technical and statistical standards**

➤ **An increased use of these ESS technical, statistical and IT standards at national level; more vertical and horizontal integration of the ESS achieved.**

# Overview of the grant agreements

N°	Name of the entity	Objectives	Amount attributed in Euros	Start date	End date
1	National Statistical Institute of Bulgaria (NSI)	<ul style="list-style-type: none"> <li>▪ Implementation of ESS metadata standards and elaboration of national reference database integrating ESMS and ESQRS structures.</li> <li>▪ Development of a Dissemination Database in compliance with SDMX technical standard 2. 1.</li> <li>▪ Implementation of SDMX-RI and related IT software tools.</li> <li>▪ Popularization of SDMX technical and statistical standards and Grant action results in the National Statistical System (NSS).</li> </ul>	74,878.36	03/12/12	02/12/14
2	Statistical Service of the Republic of Cyprus (CYSTAT)	<ul style="list-style-type: none"> <li>▪ Implementation of the Euro SDMX Metadata Structure (ESMS) and ESS Standard Quality Report Structure (ESQRS).</li> <li>▪ Implementation of the Pull Mode used for data exchange based on SDMX.</li> </ul>	47,983.26	07/12/12	06/12/14
3	Czech Statistical Office (CZSO)	<ul style="list-style-type: none"> <li>▪ Implementation of the SDMX Infrastructure and related software tools in the CZSO's IT environment (using the Eurostat SDMX-RI).</li> <li>▪ Implementation of the SDMX Registry over Statistical Metadata System (SMS) of the CZSO.</li> <li>▪ Analysis of the possibility and effectiveness of the use of PC-Axis in the CZSO SDMX Infrastructure.</li> </ul>	69,730.92	04/12/12	03/12/13

# Overview of the grant agreements

N°	Name of the entity	Objectives	Amount attributed in Euros	Start date	End date
4	Statistics Denmark	<ul style="list-style-type: none"> <li>▪ The standard ESS quality reports (using the ESS Standard Quality Report Structure ESQRS) implemented by National Statistical Administrations for all statistical products that can be seen as part of ESS.</li> <li>▪ Quality declarations published and maintained on Statistics Denmark's web site fully aligned with ESQRS, i.e. they will form a subset of ESQRS.</li> <li>▪ ESS Standard Quality Reports communicated with Eurostat using the SDMX ESMS.</li> </ul>	195,994.40	03/12/12	02/12/14
5	Statistics Estonia (SE)	<ul style="list-style-type: none"> <li>▪ Implementation of ESMS metadata standard (and ESQRS) for describing reference metadata (in the metadata system) for all statistical activities of SE.</li> <li>▪ Modernisation of reference metadata describing and update processes.</li> <li>▪ Dissemination of reference metadata on the website.</li> </ul>	110,341.39	28/11/12	27/11/14
6	Institut national de la statistique et des études économiques (INSEE)	<ul style="list-style-type: none"> <li>▪ Implementation of SDMX services for the INSEE dissemination database for timeseries (banque des données macro-économiques, BDM): (i) creation of SDMX files and transmission through the eWA/EDAMIS system; (ii) establishment of SDMX web services for the dissemination of BDM data.</li> </ul>	86,388.15	30/11/12	29/11/14

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N°	Name of the entity	Objectives	Amount attributed in Euros	Start date	End date
7	Statistics Iceland (Static)	<ul style="list-style-type: none"> <li>To establish systems and processes necessary for Statistics Iceland to begin integrating current products and production processes into the metadata framework: (i) to translate the ESMS and ESQRS standards to Icelandic; (ii) to map the ESMS and ESQRS to the Icelandic Statistical Business Process Model; (iii) to design and develop a database(s) with necessary reports, processes and administrative tools for storing, compiling and publishing metadata.</li> </ul>	45,000.00	14/12/12	13/12/14
8	National Statistics Office – Malta (NSO)	<ul style="list-style-type: none"> <li>Implementation of a SDMX framework (pull mode) that allows external users to retrieve data from a dissemination database.</li> <li>Implementation of the ESS metadata standards (codelists, ESMS and ESQRS).</li> </ul>	88,242.13	26/11/12	25/11/14
9	Statistical Office of the Republic of Slovenia (SORS)	<ul style="list-style-type: none"> <li>Analyse the current status of metadata systems and establish needs for their improvements.</li> <li>Define a common single structure for reference metadata, which will cover the different metadata (for reporting to Eurostat, for reporting to other international organizations, for nationally published data, etc.).</li> <li>Define, test and implement a prototype database for reference metadata and the tools for managing of metadata.</li> </ul>	165,109.87	12/12/12	11/12/14

## Overview of the grant agreements

N°	Name of the entity	Objectives	Amount attributed in Euros	Start date	End date
10	Istituto Nazionale di Statistica (ISTAT)	<ul style="list-style-type: none"> <li>▪ Implementation of the Istat SDMX architecture as extension and adaptation of the SDMX-RI in order to meet the Istat information system requirements; implement new dissemination channels starting from SDMX IM; deploy an architecture that fosters the better integration of the ESS statistical business processes:</li> <li>▪ enhancement of the SDMX infrastructure and its integration into the Istat information system (software modules that implements enhancements of the SDMX RI; support to SDMX-RDF translation; mobile framework for client-side SDMX end-user visualization; SDMX Single Exit Point in production);</li> <li>▪ enhancement of the Istat Metadata Management System (enhancement of SIDI/SIQual to comply with ESS metadata standards; software development of the structural metadata management system);</li> <li>▪ contribution to the development of SDMX standard and implementation of capacity building actions (SDMX Artefacts development; SDMX IM enhancement and integration; training courses).</li> </ul>	325,488.71	17/12/12	16/12/14

# Contact points for the projects in the NSIs

N°	Name of the entity	Name of the Coordinator
1	National Statistical Institute of Bulgaria (NSI)	Ms Iskrenova + 359 5 9857 777 <a href="mailto:iiskrenova@nsi.bg">iiskrenova@nsi.bg</a>
2	Statistical Service of the Republic of Cyprus (CYSTAT)	Mr DIAMANTIDES +357 22602195 <a href="mailto:cdiamantides@cystat.mof.gov.cy">cdiamantides@cystat.mof.gov.cy</a>
3	Czech Statistical Office (CZSO)	Mr Kubín +420 74052122 <a href="mailto:pavel.kubin@czso.cz">pavel.kubin@czso.cz</a>
4	Statistics Denmark	Mr Thygesen +45 39 17 39 41 <a href="mailto:lth@dst.dk">lth@dst.dk</a>
5	Statistics Estonia (SE)	Mr Prual +372 625 8410 <a href="mailto:remi.prual@stat.ee">remi.prual@stat.ee</a>
6	Institut national de la statistique et des études économiques (INSEE)	Mr ROUX +33 1 41 17 52 89 <a href="mailto:pierre.roux@insee.fr">pierre.roux@insee.fr</a>
7	Statistics Iceland (Static)	Mr Arnkelsdóttir +354 528 1008 <a href="mailto:Hrafnhildur.Arnkelsdottir@hagstofa.is">Hrafnhildur.Arnkelsdottir@hagstofa.is</a>
8	National Statistics Office – Malta (NSO)	Mr Zammit + 356 25997821 <a href="mailto:silvan.zammit@gov.mt">silvan.zammit@gov.mt</a>
9	Statistical Office of the Republic of Slovenia (SORS)	Ms Novak +386 1 2415 306 <a href="mailto:Tatjana.Novak@gov.si">Tatjana.Novak@gov.si</a>
10	Istituto Nazionale di Statistica (ISTAT)	Mr Rizzo +39 06 4673 2652 <a href="mailto:rizzo@istat.it">rizzo@istat.it</a>