

Q2016 Quality Conference course

Theme of the Course: Modernization of production systems in official statistics (CSPA)

Facilitators: Steven Vale, UNECE, Guillaume Duffes, INSEE & Jean-Marc Museux, Eurostat

Programme

| Time slot | Topic |
|--------------------------|--|
| 09:30 – 09:45 | Introduction and objectives of the course Presentation of the lecturers and participants |
| Morning session | Modernisation of Official Statistics: Introduction to the Standards and Models (Steven Vale) |
| 09:45 – 11:00 | Introduction to the ModernStats initiative, and the work of the High-Level Group for the modernisation of Official Statistics. Introduction to the key models and standards for the modernisation of official statistics (GSBPM, GAMSO, GSIM, GSDEMs). The Common Statistical Production Architecture as the basis for future statistical production: CSPA v1.5, the CSPA LIM, Guidelines, resources and governance. |
| 11:00 – 11:30 | Coffee-Break |
| 11:30 – 12:15 | Applying CSPA in the context of the ESS Vision 2020 (Jean-Marc Museux, Eurostat) <ul style="list-style-type: none"> 1) ESS Vision 2020 outline 2) ESS EA Reference Architecture <ul style="list-style-type: none"> a. The ESS capability model b. The Statistical Production Reference Architecture 3) The ESS project Shared Services |
| 12:15– 13:00 | Beyond services – shared capabilities and catalogues |
| 13:00 – 14:00 | Lunch Break |
| Afternoon session | Applying CSPA in a National Statistical Organisation (Guillaume Duffes) |
| 14:00 – 15:30 | Insee experience in applying CSPA in the Enterprise Architecture The implementation of CSPA: standards, technologies, architecture patterns and models CSPA services implementation (statistical services wrapping) |
| 15:30 – 16:00 | Coffee-Break |
| 16:00 – 16:45 | Working groups: Benefits and challenges of applying CSPA in national statistical organisations |
| 16:45 – 17:15 | Reporting the outcomes of the group work, and plenary discussion |
| 17:15 – 17:30 | Wrap-up discussion and conclusions on the role of CSPA in the modernisation of official statistics |

Description and objectives of the course

Objectives

The objective of the course is to increase awareness of the global ModernStats initiative to modernise official statistics. The course will focus specifically on the Common Statistical Production Architecture (CSPA), and how it can be applied in different statistical organisations and systems.

Participants' profile

The Course is addressed to participants developing organisational capabilities in the areas of information technology, methodology and enterprise architecture within national and international statistical organisations.

Overall description and approach

The presentations will summarise progress in statistical modernisation from an international perspective, introducing the key models and standards. They will focus particularly on the role of the CSPA as a cornerstone for modernising official statistics.

Participants will receive the latest information about the development and implementation of the CSPA, both in the context of statistical services, and in the wider context of other capabilities such as methods, standards and data sources. They will hear how CSPA is being used at the European level as a foundation for various activities within the European Statistical System Vision 2020 programme, as well as how it can be applied at the national level.

The course will be a mixture of presentations and discussions, with plenty of opportunities for participants to raise questions and share ideas and experiences. A group-work session towards the end of the course will help to cement the knowledge obtained in the course, and provide participants with the means to apply it in practice in their organisations.

Facilitators:

Steven Vale - Head of the Statistical Management and Modernisation Unit at the United Nations Economic Commission for Europe (UNECE).

Steven has 25 years of experience in national and international statistical organisations. He is responsible for coordinating the statistical modernisation activities of the UNECE, including acting as secretary of the High-Level Group for the Modernisation of Official Statistics, and the coordinator of the various activities under the ModernStats initiative, including international collaboration projects, development and maintenance of models and standards, and the activities of the various modernisation committees and expert groups. He has been involved in managing the development and implementation of the CSPA since its inception.

Guillaume Duffes - Expert on metadata standards at Insee (French National Statistical Institute)

Guillaume has been working for Insee for more than 10 years. He started working in the Consumer Price Index unit (3 years), then spent another three years in the department of international relationships, and then moved to his current position in the "RMÉS" project. The RMÉS project aims at building a statistical metadata repository. Member of several DDI, UNECE and Eurostat working groups over the years, and currently involved in the Modernisation Committee on Standards / Project on the roadmap for implementing standards / Project on the Linked Statistical Metadata / CPSA Logical Information Model (UNECE); the DDI4 Moving Forward project (DDI alliance).

Jean-Marc Museux – Chief Enterprise Architect in Eurostat, the Statistical Office of the European Union

Jean-Marc holds a PhD in Physics and taught Statistics at the Free University of Brussels for more than 10 years. He has 18 years of experience in Official Statistics methodology both from a National perspective and international perspective. He is responsible for the development of the ESS Enterprise Architecture aiming at supporting the implementation of the ESS Vision 2020 and facilitating shared development of capabilities and core infrastructure in the ESS.