

**UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE  
CONFERENCE OF EUROPEAN STATISTICIANS**

# **UNECE Statistical Data Editing Virtual Workshop**

31 August - 04 September 2020

**Topic (iv): Editing in a generic process, standardisation and  
metadata driven processes**

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## Topic (iv). Editing in a generic process, standardisation and metadata driven processes

- The use of standards for concepts, methods and processes for data editing is a prerequisite for developing and applying reusable modern methods and tools, and for support in sharing knowledge and systems – first two presentations.
- Metadata provide not only additional information on collected data but can serve as driving engine in a thoroughly planned and well-functioning data processing system – see the Polish presentation.
- Data quality improvement depends on the effectiveness of the data editing procedure. How to make E&I more effective – see the last presentation.

# Topic (iv). Editing in a generic process, standardisation and metadata driven processes – Papers 1/2

## 1. GSDEM – Daniel Kilchmann (Switzerland)

The first presentation will introduce the GSDEM – Generic Statistical Data Editing Model, its long way to become a standard and some examples for its implementation.

# Topic (iv). Editing in a generic process, standardisation and metadata driven processes – Papers 1/2

## 1. GSDEM – Daniel Kilchmann (Switzerland)

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## 2. Implementing main types of International validation rules in national validation processes – Netherlands, Portugal

The aim of this paper is to introduce the efforts made and tools prepared for reducing data validation ping pong within the ESS, and to show the results of the implementation of some of the generic validation rules defined by Eurostat in two specific directions (R, SQL) by two countries.

## Topic (iv). Editing in a generic process, standardisation and metadata driven processes – Papers 2/2

### 3. Modern, process oriented and metadata driven statistical production – Poland

This paper focuses on the four main production phases (collect, process, analyse, disseminate) and their connecting repositories and actions in the direction of the Metadata Repository and its role in the entire production.

### 4. Automation of E&I Processes – Germany

The paper shows how to test and choose a proper E&I tool for automated editing through a case study of the new digital structure of earnings survey.

Enjoy the presentations!