

**ModernStats World Workshop 2022**27-29 June 2022, Belgrade, Serbia

---

**Innovation meets standardisation, but where?**

Olav ten Bosch, Statistics Netherlands, o.tenbosch@cbs.nl;

Matjaz Jug, m.jug@cbs.nl

**Abstract**

The evolution of standards is highly dependent on their use in modernisation activities.

In this presentation we will address various modernisation topics at Statistics Netherlands from a standardisation perspective. Topics vary from business and data architecture, use of FOSS in statistical production, data analysis and microdata research, application of privacy-preserving techniques (PPTs), to open data, linked data and data stewardship.

Some of these topics are aimed at further improving the way we make official statistics. Examples are the business and data architectures and the exchange of open source software for standardised methodological methods.

Others, such as the applications of PPTs and other mechanisms for safe microdata processing, aim at guaranteeing the trust in (processing of) official statistics.

Yet others search for ways to extend the role of official statistics in society with new statistical services.

Examples are the use of advanced data science techniques for new indicators, providing linked data for increased linkability to statistics and the development of new data stewardship roles in partnerships.

Each of these innovation topics meet standards in a different way.

In this talk we will relate the innovation topics to one or more (sub)processes of the GSBPM, identify their relationship with existing or evolving standards and we will spot opportunities for new standards.