A Statistical Data Warehouse (S-DWH) stores data once to re-use many times – it is the antithesis of the legacy silo-based production systems of the past. The key components of an S-DWH are the technical architecture, the metadata system, the methodology underpinning the processing, and the governance of the processing itself. This talk explains the methods for data processing and metadata management, and introduces a manual for building, running and maintaining a S-DWH – which was designed by experts as the outcome of a 5 year 8 nation international project to define, support and improve data warehousing activities in Europe.