

## Business Case for Application of GSBPM for Geospatial Information

This business case was prepared by Supporting Standards Group and is submitted to the HLG-MOS for their approval.

Type of Activity			
<input type="checkbox"/>	New project	<input checked="" type="checkbox"/>	New activity
<input type="checkbox"/>	Extension of existing project	<input type="checkbox"/>	Extension of existing activity
Purpose			
<p>Potential of geospatial information to enrich statistical information is gaining great interest within official statistical community. Geo-referenced data allow spatial analysis and spatial visualization of statistical data, which can render new insights that tabulated data alone cannot provide. Geospatial information can be used to link economic, social and environmental statistics that is essential to solve increasingly complex problems such as urbanization, climate change, etc. Standards widely used in the official statistics community, like SDMX, are being incorporating features that allows them include this kind of information.</p> <p>To ensure good quality of geospatial information and its integration with statistical information, it is needed to make sure that necessary activities to collect, process and analyse geospatial information are taken at the right stage throughout the production process. GSBPM is a de-facto standard for statistical production process model and hence an ideal tool to document activities needed for geospatial information during the production. The purpose of this activity is to provide a guidance on how to use GSBPM to incorporate geospatial information for statistical production process.</p>			
Description of the activity			
<p>The activity will be carried out by a task team under the Supporting Standards Group which will include GSBPM experts and geospatial experts. The activity will consist of three tasks as below:</p> <ol style="list-style-type: none"> <li>1. Review the relevant works done at the international/regional level (e.g. Global Statistical Geospatial Framework, UN-GGIM (e.g. Integrated Geospatial Information Framework); UN-GGIM: Europe, GEOSTAT projects); SDMX community, as well as national level</li> <li>2. Write a guidance on how to use GSBPM with geospatial information by extending the description in GSBPM focusing on activities needed for geospatial information</li> </ol>			
Alternatives considered			
<p>The alternative would be non-action. This might result in duplication of efforts in various countries. Given that there is growing interest in using geospatial information in a systematic way for official statistics production across countries, non-action will imply multiple countries attempting to do the same work on their own which possibly leading to inconsistent application of GSBPM.</p>			
How does it relate to the HLG-MOS vision and other activities under the HLG-MOS?			
<p>Geospatial information can greatly increase relevance of official statistics by providing spatially disaggregated data that are more informative and actionable for policy-makers. GSBPM has been used as a common reference framework within and between many statistical organizations. The geospatial view of GSBPM can facilitate the integration of geospatial information into statistical production process.</p>			
Proposed start and end dates			
<b>Start:</b> January 2020		<b>End:</b> December 2020	