

Business Case for Core Ontology for Official Statistics, version 2

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

Type of Activity	
<input type="checkbox"/> New activity	<input checked="" type="checkbox"/> Extension of existing activity
Proposed Modernisation Group for Activity	
<input type="checkbox"/> Applying Data Science and Modern Methods	<input type="checkbox"/> Blue Skies Thinking
<input type="checkbox"/> Capabilities and Communication	<input checked="" type="checkbox"/> Supporting Standards
<input type="checkbox"/> Other:	<i>Name of proposed group or unknown if not clear</i>
Purpose and Description of Activity	
<p>Developing solutions that integrate ModernStats standards and also external models and vocabularies is an important initiative for modernising official statistics. The Core Ontology for Official Statistics activity, launched in 2021, has delivered key outputs in that respect: an ontology specification, a governance document, a URI policy and OWL ontology. These deliverables are currently under public review.</p> <p>The activity consists in integrating the feedback from the public review and in further developments of the COOS as detailed below.</p>	
Description of the activity	
<p>Building on the outputs obtained so far, the proposed activity includes, between others:</p> <ul style="list-style-type: none"> • Topics not included in first version, for example: <ol style="list-style-type: none"> a. consistency of product/dataset relationship b. inclusion of statistical support program c. modelling of links between GSIM and GSBPM • More use cases and concrete examples. • Application profile for practical use with other standards. • Adaptation to the evolution of external standards (e.g. DCATv3) • Continued communication and promotion 	
Alternatives considered	
<p>COOS serves as an integration model for the core set of ModernStats standards, backed by elements of well-known external standard vocabularies. It is now the focus point for the semantic consistency of the Supporting Standards Group's activities. If the effort is not maintained, there is a high risk that this consistency cannot be preserved.</p>	
How does it relate to the HLG-MOS vision and other activities under the Group or HLG-MOS?	
<p>Providing an integrated view of the ModernStats standards is an important objective for the Supporting Standards Group. Furthermore, COOS is now considered as the landing and triaging point for a more integrated feedback-based evolution process.</p>	
Proposed start and end dates	

Start: to be decided	End: to be decided