These are the draft final set of work packages for CityGML 3.0. The list is open until the next SWG meeting approximately 20 January 2014. The final list will be presented for SWG acceptance at that meeting. …CS Smyth

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| **Name** | **Participants** | **Remarks** |
| 1. (Progressive) Development of Conceptual Model via ISO-UML | SIG 3D, [TUM] | The UML model editor. This WP is acts as a single point responsible for maintaining the overall working model in a valid state, accepting modified models from the other WPs, determining technical approach to merge WP updates with the overall model, and offering the SWG alternatives for conflict resolution. |
| 2. (Progressive) Development of Documentation and Schemata | SIG 3D | The documentation editor. This WP maintains the human-readable documentation in synchronization with WP 1. |
| 3. Addition of a Materials Module | SIG 3D |  |
| 4. Addition of Land Administration Module | OSGB, TU Delft | Harmonization with ISO 19152 is a goal. |
| 5. Addition of Other Built Structures That Are Not Buildings | SIG 3D, Geonovum, IGN, OSGB | May/May not be new module and may be reorganisation of existing structure. |
| 6. Addition of Time-Series or Time Sequences of Models or Parts of Models | SIG 3D, TUM, LIRIS | Note that this is similar to WP 20. WP 20 addresses versions of models, for example alternative designs for a building that might be selected from a list of alternatives in an application. WP 6 addresses adding “data times” (when data was created or modified) and/or “valid times” (real world time when data represents reality and real world time when data no longer represents reality). |
| 7. Addition of a utility networks module | SIG 3D, Geonovum, TU Berlin, OSGB | The goal is to represent the networks in such a way that it supports the analytical needs of utility network operations. |
| 8. Addition of Volumetric Building Elements and/or IFC Harmonisation | SIG 3D, Geonovum | May be some feedback from the Quality Interoperability Experiment |
| 9. Addition or Enhancement of CityGML metadata and Complex Attributes | SIG 3D, TUM, OSGB |  |
| 10. Additional Semantic Structures for Buildings – e.g. Storeys | SIG 3D, TUM, OSGB | May be tied to LoD concept. Should coordinated with IndoorGML |
| 12. Changes to the Level-of-Detail concepts | SIG 3D, TUM, TU Delft, OS | May relate to IndoorGML. Need to take care not to damage success of existing LoD concept. |
| 13. No Dependency on GML Geometry Representation in the Conceptual Model | <If no participation by 31.01.2014 will be deleted> | This has been considered by other OGC SWGs. The idea is to treat use of GML as part of the encoding rather than the conceptual model. |
| 14. Enhancement of Implicit Geometries or Addition of Parameterized Prototypes | OpenSitePlan | More flexibility in re-using geometry. |
| 15. Redesign of the structure of the specification into modular form. |  | For example, better separation of informative and normative content. Logically handled by editors and may be required by OGC. |
| 16. INSPIRE Harmonisation | IGN (review role), Geonovum (review role), TUM, SIG 3D |  |
| 17. Synchronization with GML, including Future New GML Versions | Geonovum | May be related to WP 13. |
| 19. Removal or Replacement of TexturedSurface Module | SWG | Limited work but retained for visibility. |
| 20. Versioning of Models or Parts of Models |  | Not the same but WP 6 might consider adding this to their scope. Implementations probably similar. |
| 21. Separation of model and encoding | IGN, OSGB, OpenSitePlan | Related to WP 12. |