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Uniclass 2015

Uniclass is a voluntary classification system for the **construction industry** that can be used to organise information throughout all aspects of the **design and construction** process. Adopting a standard classification facilitates interoperability between different systems.

Uniclass was created in 1997 by the **Construction Project Information Committee (CPIC)**, a pan-industry organisation with representatives from key industry institutes. However, early versions were criticised for not being genuinely unified, for inconsistencies between the labelling and depth of tables, for poor integration of **civil engineering** and building works and for being an essentially paper-based system.

As a result CPI developed a new version, **Uniclass 2**. CPIC stated that ‘**Uniclass 2** has been developed to produce a classification system for structuring information that is freely available for all participants throughout the life cycle of a project and beyond, which is endorsed by all construction and property bodies and professional institutions.’

Following feedback received regarding **Uniclass 2**, further changes were made, and a new version, **Uniclass2015** released. The most significant change was the removal of the Work Results table.

Uniclass2015 covers all sectors of the industry and extends the scope of previous versions to allow consistent classification of buildings, **engineering**, landscape and **infrastructure**. It is compliant with ISO 12006-2, compatible with **BIM Level 2** and is adopted by the **BIM Toolkit**. Classification mappings are in place for mapping to **NRM1** and **NBS Create** and may be expanded to include systems such as CESSM.

The initial classification provides 7 core tables:


- Complexes.
- Entities.
- Spaces.
- Activities.
- Elements.
- Systems.
- Products.

Codes within the classification system consists of four or five pairs of characters.

- Table.
- Group.
- Sub-group.
- Section.
- Object.

Uniclass2015 will be maintained and updated by the **NBS**, the lead organisation behind the **BIM toolkit** to ensure that it remains relevant, and mapped to other systems. Synonyms are being developed to make it easier to find the appropriate classification, and the core tables are expected to be expanded to include; form of information, **project management**, construction aids and properties and characteristics.

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- [Uniclass2 development release classification](#) (2014).

External references

- [Classification](#), Sarah Delany, NBS , 8 April 2015.

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