Data centre standards map, 2017

This standards map was developed by Emma Fryer from techUK and Mike Gilmore from eReady Building. It is not intended to be exhaustive or comprehensive and is currently being updated to reflect changes since 2017 , so please look out for a new version from September 2019.

techUK

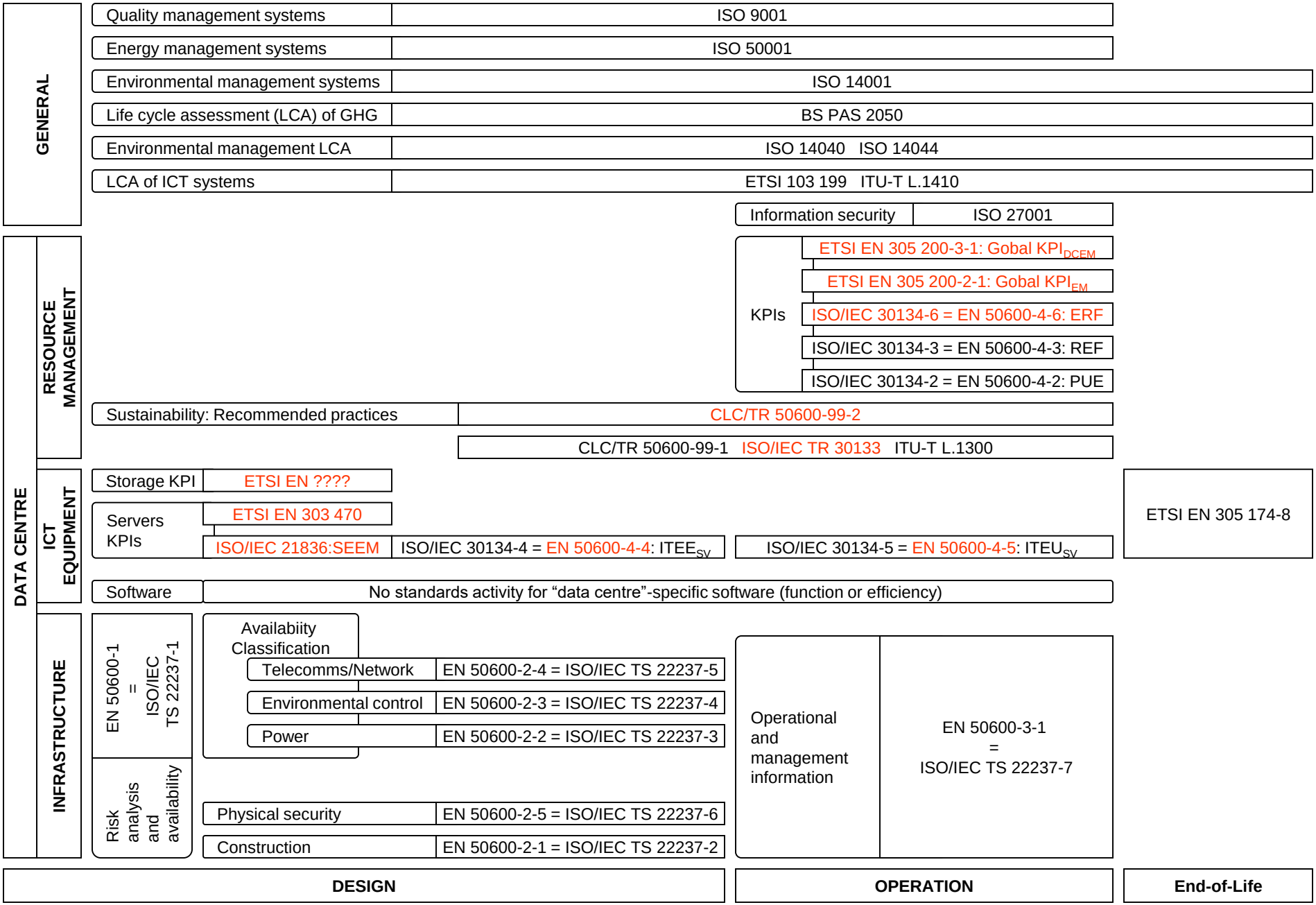
Data Centre Standards are mapped as follows:

- The Y-axis reflects decreasing specificity of the standard: at the top are generic standards that are applicable across multiple sectors. At the bottom are standards specific to data centres. In the middle are ICT specific standards.
- The X-axis reflects the life cycle stage to which the standard refers, from design and construction, operation (use) to disposal.
- The second map looks at broader initiatives within the data centre space. Axes still reflect specificity and life cycle stage.

The map demonstrates an astonishingly advanced degree of standards development for such a young industry, and suggests that the sector is strongly self-policing. In an industry that competes on resilience, this is perhaps not surprising.

The map also shows us that the landscape is complex. In some areas there are multiple overlapping standards, especially design. In other areas there are very few standards – such as disposal. In terms of specificity there are plenty of data centre standards but once you get inside the data centre, the picture is again more mixed, with a clear focus on M&E and hardware but nothing, as far as we can see, relating to software.

STANDARDS PUBLISHED AND IN DEVELOPMENT



INITIATIVES AND OTHER APPROACHES