

SCOPE

The scope of expert panel W&T9 is the science, technology and sociotechnical analysis of the built environment in the broadest sense of the term. This includes all aspects of the built environment and human interactions within it, every phase of its (re-)production process, scales from construction materials through to entire urban and regional systems, and interactions with the bounding natural environment. The finality of this research is to generate fundamental and innovative knowledge with long-term practical applications. Projects addressing architectural design and architectural humanities should be addressed to the Cult2 panel.

More specifically:

TOPICS

- » Built environment and sustainability, sustainable development
- » Environment and climate change, societal impact and policy in relation to the built environment
- » Human, economic and social geography
- » Cities; urban, regional and rural studies
- » Land use and planning and their relation to the built environment
- » Mobility and transportation
- » Geotechnical, civil and construction engineering
- » Structural engineering, structural safety and assessment, non-destructive testing
- » Construction design and technology
- » Science of construction materials
- » Building physics (including thermal, acoustic, lighting and fluids)
- » Built heritage and conservation technology