



CEEQUAL is the international evidence-based sustainability assessment, rating system and awards scheme for civil engineering, infrastructure, landscaping and works in public spaces.

CEEQUAL encourages and promotes the attainment of high economic, environmental and social performance in all forms of civil engineering through identifying and applying best practice. It aims to assist clients, designers and contractors to deliver improved sustainability performance and strategy in a project or contract, during specification, design and construction.

Based in the UK, CEEQUAL has been operating since 2003 and has been available internationally since 2011. This leaflet explains the overall CEEQUAL Methodology and the International Edition of the Assessment Manual, which is applicable to the assessment, rating and improvement of projects anywhere in the world.



Trafikplats Jära Gård (Sweden) achieved an overall 'Very Good' CEEQUAL rating

How does CEEQUAL work?

CEEQUAL uses a self-assessment process in which CEEQUAL trained-Assessors rigorously assess project or contract strategy and performance on a range of environmental and social issues, arranged in nine sections. Upon completion of each Assessment, it is externally verified by a CEEQUAL-appointed Verifier, and then ratified by the CEEQUAL Scheme Management.

Assessors use the appropriate CEEQUAL Manual to score performance against questions relevant to their project or contract. Assessors do this by collecting evidence to support their scores for each question. Questions in the Assessment Manual that are irrelevant to the project are scoped-out.

Once the Assessment score is ratified, the project or contract team is granted an Award based on the percentage score achieved. They are then presented with a CEEQUAL Award certificate that demonstrates their level of achievement on the Pass – Good – Very Good – Excellent scale.

All Assessment Manuals have the same structure in nine sections (listed below) and similar question topics, but there are some differences between the questions in the Projects and Term Contracts Manuals related to the nature of the work being assessed. The sections are:

- Project Strategy
- Project Management
- People & Communities
- Land use & Landscape
- Historic Environment
- Ecology & Biodiversity
- Water Environment
- Physical Resources: Use & Management
- Transport



Assessor Training Course in Sweden October 2012.

Why was CEEQUAL International created?

CEEQUAL's move to create an International Edition was driven by overseas enquiries and a desire by UK users with international interests to use the CEEQUAL Assessment Methodology on, and secure its beneficial influence on performance for, their projects beyond the UK & Ireland. Through the commitment of many experts working for the benefit of the industry, the resulting International Edition of the Assessment Manual for Projects is applicable anywhere in the world.

Roger Venables, CEEQUAL Chief Executive

"I am delighted to have been able to run our training courses and awareness-raising sessions in the UAE, Hong Kong and Sweden, and to increasing uptake of CEEQUAL for International Projects across the rest of the world."

Using the Scheme in new locations

A key feature of CEEQUAL is the weighting of the question scores. With CEEQUAL International, blanket use of the established UK & Ireland weightings and scores is felt to be inappropriate because of differences in physical environmental conditions and/or cultural influences. A project team using CEEQUAL International therefore needs to work with CEEQUAL and others in the area to create a set of weightings for their specific country or region.

A weightings exercise for Hong Kong was completed in 2013 and led to an International Manual with Hong Kong-weighted scores, which is now in full use there. In addition, CEEQUAL-led weights surveys are under way in Sweden and other Nordic Countries and will be started shortly for the Gulf States Region.

If you are interested in having a survey done for your region, or would like to request an international training course, please get in touch – contact details below.

Each Assessor also needs to take into consideration the local regulations and practice of each country where the assessed project is located when applying the CEEQUAL questions to their project. In addition, with CEEQUAL's agreement, the Manual can be translated into other languages, as has already been done by Swedish users.

In support of this approach, region-specific references and explanation of terms will be presented on the Online Document Library for Assessors & Verifiers. This will enable Assessors to present to clients and colleagues wherever they are working a Manual relevant to their needs and ways of working, whilst maintaining the rigour of the overall CEEQUAL Scheme and comparability of results.

Developing use of CEEQUAL International

Formal verified assessments using CEEQUAL outside the UK & Ireland have been completed in Sweden and Hong Kong, and many more are under way.



The Salt Water Supply System for Pok Fu Lam Area (Hong Kong) achieved an overall 'Good' CEEQUAL rating

Participants from outside the UK and Ireland are welcome to attend UK training courses, and CEEQUAL Assessor Training Courses outside the UK & Ireland have been held in Dubai, Abu Dhabi, Sweden and Hong Kong.

We are very happy to receive requests and invitations to run CEEQUAL Assessor Training Courses elsewhere.



Kai Tak Development Reconstruction and Upgrading of Kai Tuk Nullah (Hong Kong) achieved a 'Good' Client & Design CEEQUAL rating

Benefits to users

Teams report benefits in five main areas:

- Significant improvements to projects and contracts through adoption of best practice
- Reputation- building and good PR
- Cost savings through CEEQUAL's influencing role (for example, one project reported a cost save of 3.3% [£5 million] due partly to changes triggered by consideration of CEEQUAL questions)
- Demonstrating commitment to the sustainability agenda, and providing public recognition of your work
- Enhanced team spirit.

More details, including case studies of completed projects can be found at: www.ceequal.com/case_studies.html

CEEQUAL was developed by a team led by the Institution of Civil Engineers, supported by the Institution's Research & Development Enabling Fund and the UK Government. The Scheme is now operated through CEEQUAL Ltd, which is owned by a group of fourteen organisations actively involved in the project that developed the scheme, including the ICE, ACE, CECA and CIWEM.



For a discussion about how the International Edition of the CEEQUAL for Projects Assessment Manual could be applied to your projects, please email **Roger Venables** at roger.venables@ceequal.com or call +44 (0)20 3137 2379.

For more information about CEEQUAL, visit www.ceequal.com