



# QHSE MANAGEMENT

## SGS EXPERTISE FOR QUALITY, HEALTH, SAFETY AND ENVIRONMENTAL MANAGEMENT (QHSE)

As an owner, future owner or a developer of a wind farm you attach great importance to the durability of your investment. You are looking at optimising the life time revenue produced by the wind farm and to safeguard the Health, Safety and the Environment as best as you possibly can.

The objective of the QHSE management activities is to ensure the high quality and safe execution of the job during the development and realisation phase of a wind farm project.

### QUALITY MANAGEMENT – SGS EXPERTISE

SGS will establish the necessary QHSE management systems including tools and procedures as a mean to support

an effective quality organisation for the wind farm project. The tools and procedures will be established during the project development to ensure that all shortcomings and other non-conformities are documented to enable tracking to closure.

The members of the total project will be trained in tools and procedures to ensure that all quality non-conformities are documented in the non-conformance system when discovered.

The specific project quality plan will be developed describing the planned activities for each quality management system of the wind farm project cycle during the various phases from manufacturing stage through to the final acceptance stage. The plan will make

references to the known quality plans and applicable documents for each system and components. Description of requirements and acceptance criteria will be included in the documents.

The quality control inspection activities will be planned and coordinated with the relevant stakeholders. On a regular basis, re-planning of the inspection activities will take place to document the best plan estimate for the forthcoming inspections in defined period with named activity, scope, place, and resource.

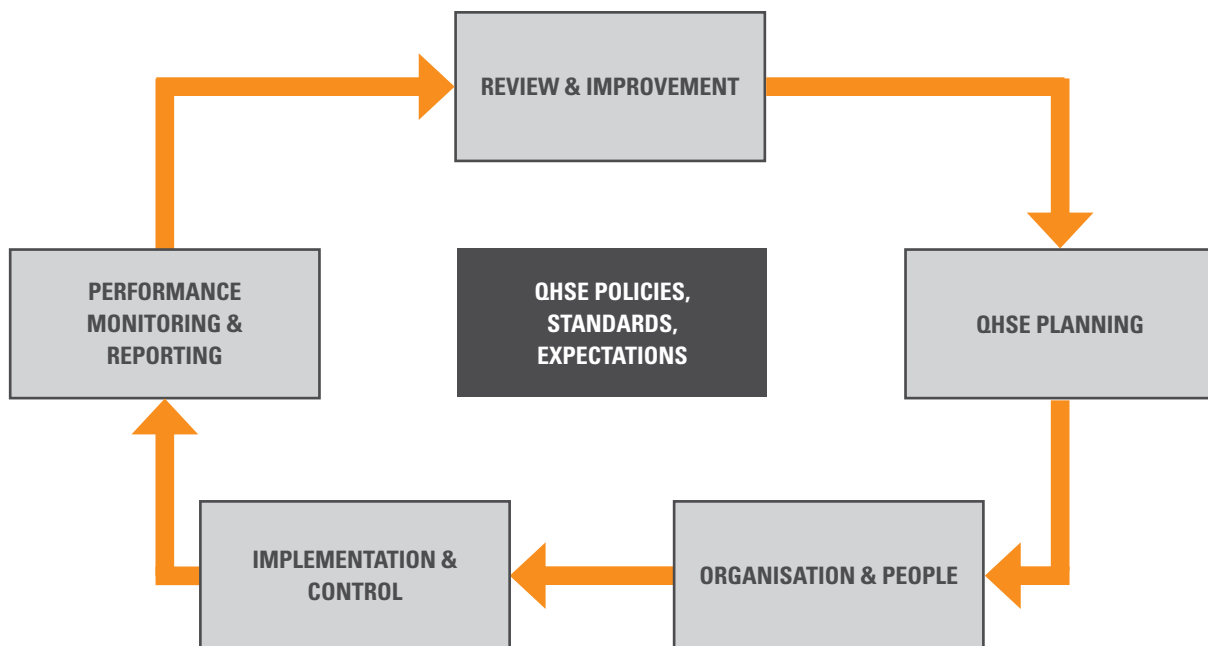
When the quality system has been established, internal audit activities will be planned to monitor the fulfilment of the defined procedures, and initiate corrective and preventative actions, where applicable.

# SAFE PROJECT EXECUTION WITH A HIGH QUALITY STANDARD

## QHSE MANAGEMENT – SGS SPECIALISED KNOWLEDGE

The starting point of SGS QHSE management system is the principle of prevention. The management system is focused on maximising the prevention of personal injury, and avoiding any adverse impact on personal well-being and on the environment. This means that QHSE risks are already identified during the design phase, that these risks are to the maximum extent possible prevented, and that prevention is carried through to the construction and operating phase.

SGS will design the QHSE management system to establish and maintain QHSE excellence and facilitate continual improvement by creating a cycle of activities, including aspects identification and prioritisation, performance measurements, self-assessments and audits. This cycle of activity will identify the most critical QHSE issues for the project.



The QHSE management system and its applications implemented by the project management team shall

- make sure that QHSE practices in the project comply with the operational policies, procedures and applicable regulations, standards, best practices or guidelines on QHSE
- optimise the well-being of all personnel clients, contractors, sub-contractors, communities and environment
- align the QHSE system of the project with QHSE systems of contractor and sub-contractors

### SGS DISTINGUISHES ITSELF BY

- Global experience of wind farm projects
- Global specialised competence of quality experts
- Local and global knowledge of regulations and requirements
- Practical and flexible management system
- Know-how in different non-conformance systems
- Skilled managers with global experience

### CONTACT

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WHEN YOU NEED TO BE SURE

**SGS**