

Best practices of risk prevention in the construction and operation of large-scale power generation and distribution plants



Current situation

Some German energy sector companies are involved in project development both in Germany and globally. Risk factors include the occasionally high demand for land and, potentially, associated land-use conflicts, as well as the use of construction service providers and subcontractors.



Goal and purpose

Development of effective prevention measures for procurement of construction services (focus: migratory workers) and for risk management in project development (focus: land use). The iterative development process in coordination with corporate departments promotes synergies with existing corporate processes.



Due diligence obligations

Tried and tested preventive measures for integration into company processes of procuring construction services and project development



Planning of activities

Concept development

Definition of scope based on stocktaking and dialogue with external stakeholders

Building knowledge on methodological approaches for the development of effective preventive measures

Development of an iterative pilot cycle with concrete use cases for prototypes

Preparation of implementation

Exchange with experts, potentially affected persons and their representatives

Drafting of a common understanding of risks and their causes:

- 1) Rights of migratory workers and the role of subcontractor chains
- 2) Rights of land users and land owners who are affected by changes in land use

Drafting of a common understanding of relevant company processes (procurement, project development)

Building knowledge about guidance, tools and standards

Development of practice-oriented preventive measures for the integration into company processes of procuring construction services (focus: migratory workers) and project development (focus: land use).

Implementation / pilot stage

Piloting of preventive measures (prototype) in relevant company processes:

- 1) Procurement strategies and purchasing practices for construction services
- 2) Risk management for land use in the development of photovoltaic and wind energy projects

Identification of need for adjustment on the basis of feedback from pilot projects

Discussion and finalisation of preventive measures on the subjects of responsible procurement strategies and responsible land use

Publication of the developed good practices and dissemination and publication via business associations, expert organisations and other multipliers