

PLANNING AND PERMITTING OF INDUSTRIAL FACILITIES – A WSP CAPABILITY



WSP has with its leading integrated teams the capacity to provide a 'one stop shop' to all of our clients and has had vast experience of the full range of planning and permitting support for the development of new or expanding industrial facilities across the world. Our services have reached Europe, North America, Asia and Africa, where we have supported the planning as well as permitted requirements for major new industrial facilities.

We contribute with our expertise at all stages of the planning process, from early industrial development master planning, full planning application support with all technical component study capability and agreement of detailed planning conditions to design of construction environmental management plans and auditing systems to discharge the planning conditions.

To ensure that our clients' planned facility integrates with environmental and safety best practice and to make sustainability a part of every aspect of their operations, we work together with our industrial clients, developers and EPC contractors, architects, master planners and with governments. We do this whether it is on an individual industrial development, a large integrated industrial scheme or to support future strategies for whole industrial cluster developments on a regional scale.

Our advanced expert skills and extensive knowledge enable us to accomplish our proficiency at various stages of industrial permitting such as the preparation of operational environmental and safety permits for industrial facilities including specialist studies on air quality, safety and environmental noise exposure, water intake resource impact and effluent discharge assessments and full major accident scenario consequence predictive quantified modelling. WSP has had ample experience of the regulatory regimes managing these areas across the globe.

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PLANNING AND PERMITTING OF INDUSTRIAL FACILITIES – OUR REFERENCES



ITI Energy

WSP has provided full Environmental Planning and PPC Permit application preparation support on five new installations using gasification to generate electricity from waste derived fuel. The key focus of the work was to ensure that the gasification process met the requirements of the Waste Incineration Directive (WID). In addition it was also necessary to guarantee that the technology selected for the process was considered to be the Best Available Technique (BAT), in accordance with the Guidance for the Incineration of Waste and Fuel Manufactured from Including Waste Sector.

Biofuels Corporation, Teeside

WSP has been working with Biofuels Corporation since 2004 to assist them with the environmental planning and legal permitting requirements associated with the development of their new manufacturing plant in Teeside. The plant uses a vegetable oil to produce bio diesel and a pharmaceutical industry by-product. It will have an annual production capacity of 250,000 t of bio fuel. WSP supported Biofuels Corporation in developing an application to the Environment Agency for a permit to operate under the IPPC Regime.

ESIA Consultancy Support for a Cement Plant, Kaluga, Russia

WSP is currently working with Lafarge Russia in support of the development of a major new cement plant and quarry near to Ferzikovo Village, near Kaluga. The project is complex and alongside the new cement plant and quarry, includes 5.7Km of overland conveyor, a conveyor bridge spanning a river valley, a new road and rail connection and localised site utilities connections.

WSP conducted the scoping study for the project, along with developing an initial draft Public Consultation and Disclosure Plan for the project. Our 1st stage involvement included delivery of a series of consultation meetings with key stakeholders in the region.

WSP is now progressing with the full ESIA for the project and has completed the detailed project planning stages. Our support will include coordination and delivery of the impact assessment, including detailed review of the social performance requirements of the EBRD, which are significant in this project. A process design BAT review will be conducted, along with specialist environmental studies for air quality, water quality, ecology, landscape, and heritage as well as acoustics impacts.

Environmental and Social Impact Assessment Support, Development of two wind farms, Dobrogea Region, Romania

WSP provides support to the wind farm developer, EDP Renewables and also the European Bank of Reconstruction and Development in the delivery of a package of environmental and social impact assessment support in relation to the planning of two major new wind farm developments in Romania. WSP's support to the planning process included the development of an ESIA Scoping Study, a programme of stakeholder engagement and the development of an environmental and social monitoring programme for the construction and operational phase of the wind farm.

Clariant Chemicals Ltd, UK: Major Accident Hazard Safety Permitting

WSP provided full COMAH Safety Permitting support to this organic chemicals facility in the North of England. The project included full site major hazard identification, ALARP (as low as reasonably practical) assessment in order to provide a detail safety case to the HSE Regulator as part of the sites requirements under the COMAH regulations. Risk assessment included full modelling of accident scenarios using the PHAST software.