



Witteveen + Bos

“BOOSTING SUSTAINABLE AGRICULTURAL PRODUCTION THROUGH STATE OF THE ART ENGINEERING SOLUTIONS”

SERVICES

- Project management
- Master planning and feasibility studies
- Process and Infrastructural design
- Tendering, planning and policy support
- Social and environmental impact studies
- Value chain and business case development
- Soil, hydrologic and topographic assessments
- Ecological and environmental system analysis
- Monitoring and data analysis

INTEGRATED APPROACH

Witteveen+Bos is there for farmer cooperatives, private companies, governmental agencies and NGOs to find practical and sustainable solutions to the challenges placed on agricultural production by the rapidly changing environment. For each project we select a multidisciplinary team from our large pool of experts working in agriculture, agro-economy, climate adaptation, integrated water resource management, soils, irrigation and drainage, to meet the specific project demands and find a custom solution.

CUSTOM SOLUTIONS



ENGINEERING THE FUTURE WE LIVE IN

Challenges of today

To meet the increasing demand for food, agricultural production is to be doubled by 2040. At the same time production is threatened by the adverse impacts of climate change such as drought, torrential rains, cyclones and salinity intrusion. Meeting these challenges requires efficient and sustainable agricultural production systems.

Solutions of tomorrow

Witteveen+Bos is specialized in solving complex agriculture, water management, development and sustainable land use challenges. Due to strategic cooperation with specialized knowledge providers, such as Wageningen University, our solutions always build on the latest scientific insights.



Experience

We have extensive experience assisting clients from an initial project idea to full implementation. Including the project examples below;

Hydrological survey, water demand assessment, reservoir, drainage and irrigation design - mixed crop farm (16,000 ha) - Ghana

Business case analysis, production of fodder out of duckweed - The Netherlands

Feasibility study: soil, (geo)hydrologic topographic and flood assessments - sugarcane plantation (480,000 ha) - Indonesia

Irrigation design and tendering - pineapple plantation (500 ha) - Sierra Leone

"Biocascade", closing the loop by extracting phosphate out of agricultural waste water - The Netherlands

Aquaculture farm, smallholder scheme, water quality assessment, layout (7 ha) - Ghana

Eel stock assessment and pilot with sustainable fishery - The Netherlands

Feasibility study dam, water treatment facility, and piping for water supply and local (food) industry - agroforestry - Indonesia

Our Company

Witteveen+Bos is an engineering firm based in the Netherlands, established in 1946. We currently employ over 1100 professionals worldwide, working in the fields of Water, Infrastructure, Environment and Energy. From our offices situated in the Netherlands, Belgium, United Kingdom, Latvia, Russia, Kazakhstan, Dubai, Ghana, Singapore, Vietnam and Indonesia, we serve our clients all over the world.

Let us know how we can help you!



The Dutch FoodSecurityAlliance (NL-FSA) is a network of mainly Dutch companies and institutions developing exclusive and sustainable solutions in the agri-water-food-business.

NL-FSA IS A ROYAL EIJKELKAMP INITIATIVE



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