GREEN ENERGY FINANCE RETREAT

Date: 2 June 2025

Time: 9:00 to 17:00 CEST

Expert for the day: Mr. Alexander Boensch

Time	Session
09:00 – 10:30h	**Introduction, RE System Sizing, Project Costing** ▪ Short RE technology input (snapshot of one or two technologies, e.g. wind/PV or PV/biogas) ▪ Yield assessment example for the selected technologies ▪ Important aspects for site selection / development ▪ CAPEX & OPEX snapshot for selected technologies ▪ LCOE of selected technologies **RE Financing Principles** ▪ Financing options for residential/small scale and commercial/utility scale ▪ Corporate vs. Project Finance
10:30 – 10:45h	*Coffee break*
10:45 – 12:15h	**RE Financing Principles (cont'd)** ▪ Focus of bank project assessment ▪ Contractual structure during investment and operating phase **Risk Mitigation: Bankability Assessment** ▪ General classification of RE project risks ▪ Regulatory framework and country risk ▪ Project risks and mitigation measures during construction and operation ▪ Why do projects fail? ▪ Areas of project due diligence (lenders/investors)
12:15 – 13:45h	*Lunch break*
13:45 – 15:15h	**Financial Structuring: Cash Flow Planning** ▪ Cash Flow waterfall, cash out- and inflows ▪ Revenue planning, the banker's view on RE pricing schemes ▪ Operational costs and taxes ▪ Accounting for uncertainties: sensitivity and scenario analysis ▪ Risk analysis using Monte Carlo Simulation **Financial Structuring: Ratio-based Debt Sizing** ▪ Project Finance key ratios: DSCR, LLCR, PLCR ▪ Debt capacity calculation
15:15 – 15:30h	*Coffee break*
15:30 – 17:00h	**Financial Structuring: Ratio-based Debt Sizing (cont'd)** ▪ Decision-making parameters in cash flow (CF) evaluation **Case Study-based Exercises** ▪ Exercise 1: Modelling cash flows and key ratios for a PV or biogas plant ▪ Exercise 2: Calculating the maximum loan amount for a set of project cash flows