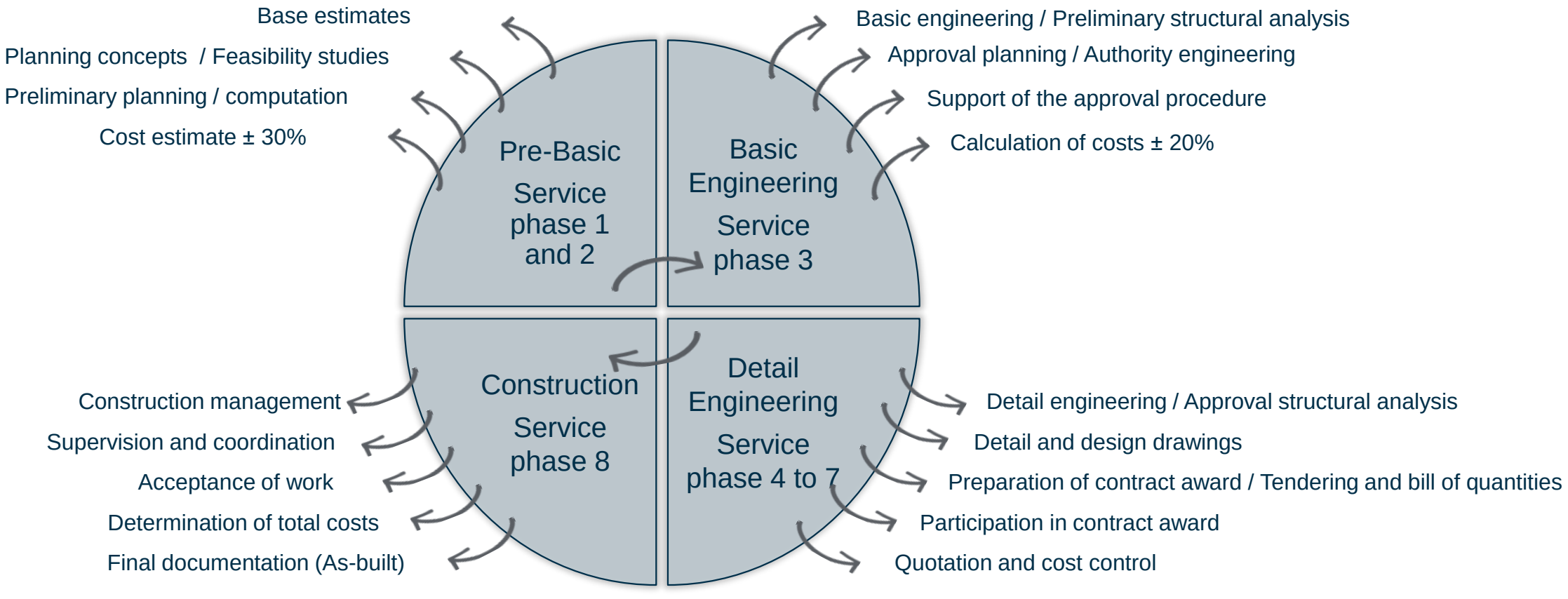
Base estimates
Planning concepts / Feasibility studies
Preliminary planning / computation
Cost estimate ± 30%
Pre-Basic Service phase 1 and 2
Basic Engineering Service phase 3
Basic engineering / Preliminary structural analysis
Approval planning / Authority engineering
Support of the approval procedure
Calculation of costs ± 20%
Construction Service phase 8
Construction management
Supervision and coordination
Acceptance of work
Determination of total costs
Final documentation (As-built)
Detail Engineering Service phase 4 to 7
Detail engineering / Approval structural analysis
Detail and design drawings
Preparation of contract award / Tendering and bill of quantities
Participation in contract award
Quotation and cost control