

APPENDIX B: An Overview of the Typical Stages of FCERM Capital Projects

STAGE 1: IDENTIFICATION OF ISSUES

- **Overview:** Local Authorities identify a risk/issue problem generally using historical data from flood events (S19 Flood Investigation Reports) or evidence of failing coastal defences. This stage tends to be reactive and draws upon local knowledge and observations.
- **Resource:** Local Authority (in-house)
- **Funding:** Local Authority
- **Timing:** Built up over time utilising flood data, flood event history and observations from officers and the public.

STAGE 2: STRATEGIC OUTLINE CASE (Pre-feasibility or Viability studies)

- **Overview:** The purpose of this stage is to confirm the strategic context of the issues and to provide robust evidence for a case for action. Typically this may involve site specific surveys and investigations, often some basic hydraulic modelling. The outcomes of this stage should be a long list of potential options for further consideration and appraisal.
- **Resource:** Local Authority (in-house). Limited use of external consultants e.g. for modelling/survey work.
- **Funding:** Local Authority (occasionally may be eligible for WG grant support)
- **Timing:** SOCs should be achievable within 3 months.

STAGE 3: OUTLINE BUSINESS CASE (Project Appraisal Report)

- **Overview:** Further identification of the problem and modelling of extreme events. Investigates and compares the long list of options and intervention scenarios against a 'do nothing' scenario. Uses benefit-cost analysis in line with national Flood and Coastal Defence Project Appraisal Guidance (FCDPAG3) to arrive at the most feasible and economically best value for money solution.
- **Resource:** Local Authority staff and external consultants.
- **Funding:** WG grant funding available for up to 85% costs, remainder via LA core capital
- **Timing:** 6 – 12 months

STAGE 4: FULL BUSINESS CASE (Design and Development)

- **Overview:** Further detailed modelling and design of the preferred option, formal consultation with statutory consultees and often a public consultation exercise. Obtaining necessary consents, planning permission, EIA etc. Preparation of contract drawings and tender documents with tender process likely to have to comply with OJEU process.
- **Resource:** External consultants required across several specialisms e.g. QS, design etc.
- **Funding:** WG grant funding available for up to 85% costs, remainder via LA core capital.
- **Timing:** Minimum of 12 months.

STAGE 5: PROJECT DELIVERY (Construction)

- **Overview:** Submission to WG of application for construction costs of agreed scheme accompanied by tender documents and all necessary consents and agreements to carry out works. Following tender process full costs are used for approval letter. Works delivered as per tender.
- **Resource:** LA staff, external consultants and civil engineering contractors.
- **Funding:** WG grant funding available for up to 85% costs, remainder via LA core capital.
- **Timing:** 3 – 12 months subject to scale.