



What have we done so far?

Outline Design Development Stage	Flood Risk Assessment	A Flood Risk Assessment was completed in 2015 and used to develop initial scheme options.	Complete
	Site Investigations	Surveys of the seabed and land within the project area and a structural inspection of the pier are complete. A ground investigation, including trial pits on land and an overwater geophysical survey, has now been completed to enable design conditions to be determined.	Complete
	Wave Modelling	Mathematical models have been used to assess how waves interact with the coast, both with and without the proposed scheme. Further modelling has now been completed to assess alternative offshore breakwater options and flood risks to Kames Bay and Marine Parade.	Complete
	Economic Analysis	We have assessed the expected costs of the proposed scheme components. NAC are completing an additional economic analysis looking at potential tourism and regeneration benefits associated with the scheme proposals.	Ongoing
	Environmental Scoping Report	We have undertaken a study to understand the existing environment. This has been updated to include potential offshore breakwater solutions. We have consulted with SEPA, Marine Scotland and the planning authority to confirm the required environmental assessment process for the scheme, which depends on the option to be taken forward (see Board 4.1).	Complete
	Community consultation	The non-statutory consultation completed so far includes publication of three newsletters, a questionnaire and a community workshop (Nov/Dec 2016). Our aim is to understand your concerns and to address these in the design development. This additional consultation workshop is being held to update you on the scheme development. Statutory consultation will be completed before the Flood Protection Scheme is submitted for approval.	Ongoing
	Recommend preferred solution	Combining the findings of our investigations, technical studies, economic analysis and your input, we will review the constraints and opportunities for the flood protection scheme. This will enable the most appropriate solution to be recommended and reviewed by North Ayrshire Council.	Autumn 2017



What are we going to do?

