

3 What has been done to tackle the problem?

We have been collecting and analysing the information needed to develop a sustainable scheme for the community that protects the historic characteristics and environment of Stonehaven, whilst reducing the future flood risk.

We aim to

- Increase awareness through public engagement
- Improve avoidance through planning, flood warning and operations.
- Provide alleviation through promotion of flood protection measures and a scheme.
- Provide assistance through collaboration with the emergency services and others.

Preparation work for the scheme has already begun. This includes structural and ground investigations and surveys, design of short-term measures and improved flood warnings.

Since the 2012 flood we have appointed a specialist scientific and engineering consultant to assist the council, understand the risks and develop a sustainable flood protection scheme and completed the following:

Ecological assessment

We have completed an assessment of the ecology within the lower catchment of the River Carron. The survey has found protected species that live on the river. Some invasive plant species were also identified and care will be taken not to spread these plants.

Tree survey

We have completed the survey of over 100 trees. This has assessed the quality, age, and condition of each tree and is used in the design of the scheme.



Flood Warning

We are working with SEPA on a new innovative flood warning system for Stonehaven.

Heritage assessment

We are completing a heritage assessment including listed buildings and conservation area. This is used to understand how the scheme will integrate with the historic setting of Stonehaven.



Ground Investigations

We are completing a ground investigation to understand the ground conditions. This is needed to design the foundations of the flood protection scheme. Innovative methods are being used to speed up the process.



Short-term measures

We are working with our specialist consultant to develop short term measures to alleviate the impact of flooding should a larger flood occur before the final scheme is completed.



Structural Investigations

We have completed a structural survey of buildings and structures along the River Carron. This will be used to assess the condition of existing structures and how the scheme will integrate with existing buildings.



Topographic survey

We have completed a detailed topographic survey. This has been used to create a detailed 3 dimensional model of the town. It improves our understanding of how water flows through the town and how best to develop a sustainable scheme.

