Communicate flood resilience measures to subcontractors
Consider the use of innovative flood resilience products
Property Flood Resilience and SuDS design option development, refer to CIRIA Property Flood Resilience Code of Practice
Carry out a flood risk survey (where relevant)
Consider flood impacts on surrounding infrastructure
Consider Natural Flood Management and sustainable flood resilience solutions

Ensure all parties understand flood resilience measures and constraints
Maintain on-going review of flood resilience measures to ensure flood resilience is maximised and flood resilient design is adhered to wherever possible

When selecting contractor, consider flood resilience experience
Discuss flood resilience measures with potential contractors
Ensure design solutions work with other local flood resilience measures

Ensure end users are aware of flood resilience measures and trained on their use
Ensure a schedule and responsibility for maintenance of flood resilience features are in place
Publicise flood resilience measures and consider measuring their effect

Begin to develop planning permission
Property-level flood hazard assessment
Consider flood impacts of building on-site
Become aware of local flood resilience measures

Review site selection considerations for flood resilience issues, liaise with key stakeholders
Working within the Code of Practice

Research flood resilience products and solutions
Testing of building materials and applications
Flood resilience engineering support
Provide data and information for Natural Flood Management and SuDS solution selection

Provide flood resilience training for building contractors and civil engineering firms
Develop novel SuDS solutions

Establishing effective flood resilience communication strategies
Review of existing flood resilience solutions and signposting to expert advice
Supply chain support

Liaison with key stakeholders
Engineering solutions to support fulfilment of flood resilience design parameters

Support for firms in establishing flood resilience - monitoring solutions
End-user engagement support and strategy
Community group development

FLOOD PLANNING FOR THE CONSTRUCTION CYCLE

CONCEPT PHASE
CONTENTS PHASE
PRE-CONSTRUCTION PHASE
PROCUREMENT STAGE
CONSTRUCTION STAGE
POST CONSTRUCTION

HOW THE FLOOD INNOVATION CENTRE CAN SUPPORT

ANALYSIS AND PLANNING
EXECUTION