

The revised onshore and offshore options following public consultation

Number	Option	Description
Onshore		
1	Onshore Monitoring Without Recovery	Monitor the beaches to identify where particles are (particles at depth may not be detected).
2	Onshore Monitoring With Recovery	Monitor the beaches to identify where particles are and recover them (particles at depth may not be detected and hence not recovered).
3	Recover all Individual Particles At All Depths Onshore	Identification and recovery of all detectable onshore particles facilitated by overturning the sediments to allow all particles at depth to be found.
4R	Bulk Removal of Beach Sediments	Remove the sand/sediment from the beaches to allow detectable particles to be separated out.
5	Onshore Immobilisation/ Isolation of Sediments	Solidify the beach, or cover it in a membrane to stop the particles present in the sediments from moving.
6	Onshore Bioremediation	Use biological processes to break down or take up the particles.
7	Onshore Restrict Public Access	Prevent the public from accessing areas affected by particles.
8	Onshore Sever Pathway	Build a barrier across affected bays to stop waves from washing particles on to the beaches.
9	Onshore Natural Attenuation	Do nothing and allow marine processes and radiological decay to reduce the risk naturally.
Offshore		
10	Offshore Monitoring Without Recovery	Monitor the seabed to identify the location of offshore particles (particles at depth may not be detected).
11	Offshore Monitoring With Recovery	Monitor the seabed to identify where particles are and recover them (particles at depth may not be detected and hence not recovered).
12	Recover All Individual Particles At All Depths Offshore	Identification and recovery of all detectable offshore particles facilitated by overturning the sediments to allow all particles at depth to be found.
13R	Targeted Recovery of Detectable individual Particles Offshore	Overturn sediments, identify and recover all detectable particles in areas of high particle density, to reduce risk from offshore particles.
14R	Bulk Removal of all Marine Sediments	Dredge the seabed removing sediments to allow all detectable particles to be separated out, and return the sediments once processed.
15	Recovering Offshore Particles by the Targeted Bulk Removal of marine Sediments	Dredge areas of the seabed known to have high activity or a high density of detectable particles present, remove sediments, separate out particles and return processed sediments.
16	Immobilisation/Isolating Marine Sediments	Stop particles moving from the sediment by covering it in a membrane, capping with cement or vitrifying into a glass.
17	Offshore Bioremediation	Use biological processes to break down or take up the particles.
18	Active Dilution and Dispersion Offshore	Jetting or vacuuming the seabed to disperse the particles more widely through the marine sediments
19	Temporary De-watering and Reclamation	Build isolation structures and dewater areas to allow monitoring and recovery of particles
20	Offshore Restrict Access	Restrict human access to offshore areas affected by particles.
21	Offshore Natural Attenuation	Do nothing and allow marine processes and radiological decay to reduce the risk naturally.
22N	Particle Retrieval using Dolphins	Train dolphins to retrieve particles
23N	Breakdown with Lasers	Use marine friendly lasers to break down particles
24N	Passive Dredging	Use trenches/angled groynes to push sand and particles further out to sea or towards shore to all monitoring and removal of particles

R - Denotes a revised Option. **N** - Denotes a new Option