

The workshop was composed of a briefing session, Q&A and Group exercise.

Main points:

1) Integration of terrestrial and marine policy: coasts have fallen between the cracks too often, the right policies already exist and now the evidence base is available. We need planning and planners (in the widest senses) to use policy and data in strategic and local plans. (Doable if we work together well)

2) Scale: NCCA provides good detail but would welcome regional and national summary maps to appraise wider picture. (Easily doable)

3) Need for further advice and information on climate change: the recent past is a reasonable clue to near future, but looking further ahead we need improvements because the past is not a good clue to the medium and long term. (Scientifically and delivery-mechanism tricky).

Other points:

1. NCCA web maps will assist in the integration of marine and terrestrial planning.
2. Helpful in juxtaposing assets with risks, to start to appraise strategic approaches
3. Whilst level of detail provided is good, it would be good to see hotspots at regional and national levels.
4. Help to start opportunistic developments (aquaculture and renewables) where wave attenuation benefits could be realised for otherwise sensitive shores.
5. Need for continued support and advice to interpret and take forward adaptation planning based on these maps – these are a start but the implementation requires specialist input.
6. Would be good to link to coastal defence datasets (partially complete), sediment cells (done) and tidal circulation (can be considered).
7. Re-arrange data to assist busy planners: current and projected coastline at top. All other data is contextual and should be lower down the list.
8. On-line tutorials for planners – how to use maps and how it supports their work? Make it clear how straightforward it is to incorporate this in the work they are obliged to do.
9. Some thought needed about how to integrate which data into NMPi.

Detail:

	Question	User Comment	Reply / Action
1a	Groups were asked how easy they found using the webmap:	2 groups: reasonable 1 group: good	- Initial issues related to the high-detail mapping not being available at regional / national scales (fixable) - Symbology issues- lines (known and tricky), Attribute (known and manageable)
1b	Improvements	Choice of colours Incl. OS basemap Clear caveats of results Smaller scale results Scale bar & ratio scale	Will consider this Will consider this Will incorporate in confidence layer & guidance Yes – doable Yes – doable
2	Find locations with erosion	Multiple sites found by each group	Successful
3a	Discuss type of development that could impact on coastal	Port / breakwaters Tidal generators Flood defences	Successful

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 Thursday 16th June 2016 (Dundee Discovery Centre)

	processes	All forms of dev. Dredging Aquaculture incl kelp Marine Renewables	
3b	What measures could be adopted to translate national policy to local / regional level	Development excl. zones Plan with sediment cell	Successful
4	How can it be used to identify win-wins	Can be used by community to target development. Identify gains for land owners Identifies Man Realign and Adaptation schemes Recreation opportunities Flagging up assets at risk Allows future planning of infrastructure Use marine development to help with erosion (seaweed cultivation)	Successful
5	What developments could have positive spin-offs	Breakwaters, marinas, renewables, Tidal lagoons, habitat creation, dredging activities Oyster mussel bed creation. Railways	Successful
6	What policies could this lead to	Encouraging sustainable developments. Habitat restoration with commercial benefits	Successful