# MAP TOOL USABILITY COMMENTS

| THEME | | FEEDBACK | ACTION |
|---|---|---|---|
| **ABOUT LAYER INFO** | **separate (i) icon for info** | Hard to find info "about layer" as it's in amongst other map layer functionality (move up/down, transparency etc) Put to top of the list in bold or somewhere else (e.g. (i) info icon in map contents ? | Add separate (i) icon for Information About Layer (remove from list of data layer functionality) |
| | | Would have preferred a separate (i) icon for about the layer. Lost in the other info about what to do with the map layer | |
| | | separate icon (i) to identify that you can find info about the layer - hidden in current list | |
| | **user guidance** | Did not find the year of the status result. Not a part of the 'i' About Layer' description. | Developing new user guidance to include this information |
| | **terminology / labelling** | found the info on the SSDI (although it took a bit of head scratching to understand what the distribution details text actually meant ... I am not sure i know still what it means but I found the link to the SSDI ). | Check and update terminology under "Distribution details"  to make it more user friendly |
| | | terminology - what  does it mean? | Update typo - Metadata - change to "information about data" |
| | | Confusing looking at this. Don't know what it all means and what is 'media type'? I know about SSDI but this still confused me | Remove links to APPLICATION Change LINK to DOWNLOAD |
| | | metadata - is all one word, not 2 words (typo) | Change SSDI label to make it clearer what it is and what info is available |
| | | distributions info/labelling - clearer  information/labelling for non GIS users | |
| | **licence / use constraints** | license info - data use constraints - should be clearer/easier to find  (use constraints - be mindful of DCat) | Include in SSDI label (see above) and user guidance -Before replicating map - check licence and use constraints, and where to find the information |
| | | use constraints and license info should be more visible, especially for those (students/researchers) who want to replicate and use an image of the map | |
| | **positive comment** | "that's cool" - ref link to SSDI | |
| | | SSDI info is very helpful | |
| | | easy to find extra info/metadata | |
| **DATA PUBLISHER INFO** | **User guidance** | I couldn't find where this information was stored *(who publishes data)* | |
| | | I found that having used similar things I could guess where to click to get the information | |
| | | X Error – issue trying to connect when trying to add the data. (Not sure if this is a permutation thing or data was not available.) | Error message - change time out settings and monitor user feedback. |
| | | I got an error when adding the three layers. It doesn't tell me which of the layers was affected. It also doesn't disappear when I remove the layers and re-add them so I'm guessing it is ok now? | Look into a more "generic" error message and what user should do about it - please wait, please refresh etc |

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| **ADD DATA** | **too many clicks** | This process was a bit clunky - layers had to be added 3 times. (In shopping basket, add layer at bottom then tick checkboxes.) | Once click on the chosen data set from search list - auto add to the contents list |
| | | I had to do a lot of clicks to add all the layers. You would probably learn how to use it but I think there are too many steps | When click "DONE" - list auto ticks and adds layers to map on the map contents page |
| | | I feel that the add data function could be made simpler | |
| | | I keep missing a click when adding data. | |
| | | Would be easier if it defaulted to showing the layer and then being able to click to make it not visible | |
| | | Too many clicks to add data and also have to tick in map contents to add to the map = should be auto | |
| | | Also would be nice if you didn't have to tick the data to view it when first adding it to the map. | |
| | | I think the tick box should still be there but should be ticked when adding it to the map. | |
| | | I dislike the amount you have to click to view the layers when first uploading and also to view the legends. | |
| | | I think these [*data layers*] should automatically be displayed when you add them to the map. | |
| | **visible labels** | Add layers = pop up box - "add layers to map" at bottom of box - should be clearer/in bold/bigger text | Change text at bottom of add data box to "DONE" (bigger/bolder text |
| | **notifications** | When map service is down it would be useful to have helpful feedback notifying a break in service | Message now included |
| **REMOVE DATA** | **too many clicks** | When remove all layers button is selected – the layers that were removed still remain listed in the Add content box. (They had not been removed)<br>User found it a bit clunky to switch between simple search and advanced search. | when click on "remove all" on Map Contents - removes all from contents list on the "add data" pop up box, but keeps list of last searched items |
| | | remove all - from map contents, should remove all in add data. but useful to keep list of previous search results | |
| | | too many clicks to remove data | |
| **ADD DATA - SEARCH** | **combine search** | Over engineered search function | Combine search into 1 search box - remove simple and advanced search<br>List of data (include publisher organisation) |
| | | I would expect to be able to use 1 search box to search for everything | |
| | **terminology / labelling** | Would a user know the difference between a theme and a keyword - If something is a theme, can it also be a keyword? | |
| | | confused, struggled to see difference in simple and advanced, confusion in terminology - themes/key words | |
| | | what is the difference between themes and keywords? | |
| | | should be renamed "search data" | |
| | | LUS didn't know to search in themes | Check and update terminology of SEWeb specific distributions (tasks) |
| | | check terminology of themes/tasks - LUS - don't know this is "land use strategy" | |
| **ADD DATA** | **user guidance** | Working with too many data layers can be confusing | Developing new user guidance to include information on how to use the search |
| | | when user left map tool by mistake, all map layers and search results were cleared | |

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| | **positive comment** | Liked auto partial complete of words - simple search to add map layers | |
| | | I really like the fact that more than one layer can be viewed and accessed at the same time. | |
| | | User was happy with how to find data using the map and advanced search -  liked the 3 types of search and the drop down help with recognition rather than recall. | |
| | | User was aware of and used auto suggest drop down menu when selecting map layers. | |
| | | liked the search | |

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| **IDENTIFY RESULTS** | **user guidance** | identify results - would prefer info to auto open, rather than having to click again to open up information | Developing new user guidance to include information on  this |
| | | Wouldn't have thought to click on the map for more info about the data | |
| | | It's not clear that you click on the content to get additional information. the cursor should change to an "i" information logo when rolled over something that will bring up additional information when selected. | |
| | | (multiple user feedback - those not familiar with current SEWeb map or SEPA interactive map) | |
| | **format/layout** | User noted that the Id Results were only partly showing on meeting room screen (Maybe screen resolution needs tweaked.) | Check mobile responsiveness

Check if identify results box can be moved around the screen

White space in box - dependent on how much data is included in web map service from data provider. |
| | | *Would this be a similar issue if demo'ing the map on presentation/projector large screen size?* | |
| | | Id results pop up box – user would prefer if I could drag and move this box - like a windows pop up | |
| | | Unnecessarily large box with lots of blank space | |

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| **LOCATION SEARCH** | **location search** | No partial complete of text on location search - inconsistent with add data search behaviour | Location search - add text in grey (similar to current SEWeb map view) SEARCH e.g. postcode, NRG, town or feature such as loch lomond

Check "streetcode" references in postcode search list with thinkware

add 2 national park boundaries (Lomond and Trossachs and Cairngorms)

monitor user feedback ref any further feedback about auto complete of search box |
| | | It would be nice if the search bar could be collapsed. - no action | |
| | | The search function required several attempts to bring up Edinburgh. | |
| | | does not recognise Edinburgh City; typed in Edinburgh city but it didn't exist so I had to use Edinburgh then I could chose city | |
| | | Check postcode search results - ref "streetcode" | |
| | | Add pre-defined administrative boundaries to location search e.g. national park boundaries (CNP, LLTNP) | |
| | | *Not in this testing, SEWeb partner request to add catchment areas and other pre-defined boundaries in location search function.* | |
| | | *Also came up in Soils map testing* | |
| | **positive comment** | good to see after location search, it zooms to that extent | |
| | | good to share map extent | |
| | | mistyped Gullane - search still found it = good | |

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| **MAP CONTENTS** | | **too many clicks** | I can see why you might want user to opt in tick to add data at this stage, if they have added a lot of complex data sets | See "Add Data - too many clicks" action above |
| | | | data layers ticked, disappear when I go back to add data, to add more data layers - when open map contents - all data unticked, including my previously ticked layer | |
| | | **legend** | Do you need 2 legend options?<br>Tab and icon next to map layer on map contents ? (could get rid of one of the tabs)<br>(multiple user comment) | 2 legends to cater for different user preferences. Removing the legend tab will not create any more map view space as still need the same space to fit in other map contents information<br><br>Use of legend and data layer transparency will be added to new user guidance being developed |
| | | | Took a bit to realise that stuff was being added and to realise I needed to look at the Legend as to what the areas of colour were. | |
| | | | Could also have the legends viewable in the map data section (so you don't have to click) in order to map it easier for the viewer to understand as this button is rather small. | |
| | | | not always clear which data layer transparency is being changed | |
| | | | Data layers order / layers transparency<br>It will be handy to have the base map in the same list as Map Data layers, then it will be easier to set up layers in the best order to able to see them. | |
| | | | legend visibility - some users struggled to find legend | |
| | | **visible labels** | Pin icon in map contents - confusing.   A number of users thought it was for pinning a location of the map (like google maps)<br>Unsure about pin icon on map contents - assume you can use to pin location on the map. | change  Box/3 white dots icon (RHS of data layer)  to a different toolbox type icon - tbc<br><br>Remove pin on initial view - just have arrows to the left, to indicate that box can be closed. Provide guidance on how to use the pin icon when open map contents back out<br><br>Add instructions on use of Pin in User Guidance being developed<br><br>Greyed out data - add text to explain that data is not available at current scale |
| | | | I found it difficult to collapse the Map Content box. I don't get what the pin symbol is meant to do, particularly as you can't see the arrows until you click on it.<br>I had no idea that the pin was used to remove the information pane. It would be useful if there was information that appeared when one hovers over an icon | |
| | | | User said the Pin to hide the LH panel - it was not obvious what the functionality of the pin was. Also, the arrows to close << and open >> the LH panel – the close arrow only appears once the panel has been closed and opened. << arrow does not show initially. | |
| | | | Would be useful to have screen tip over the two icons next to map layers in map contents? | |
| | | | I would expect to find that information included in the table with the results, but it did not take me long to find it. | |
| | | | (finding info about layer)  in the map contents... clicking on the different icons because it wasn't obvious what they were - then at about the third time of looking I saw the about layer information | |
| | | | Not obvious that the icon with lines and dots is the legend | |
| | | **map re-centre** | Map doesn't recentre itself when open map contents back up - not clear why you have to click on pin again to recentre. If don't click on pin, map contents box opens up over location search box<br>When open map contents - just use arrows, and map should recentre automatically<br>(multiple user comment) | |
| | | | When collapsing the Map Content box, the search bar moves over. When un-collapsing, it gets covered but does not move back. Why? It would be nice if the map stopped re-centring every time the map area is maximised. | |
| | | **tabs** | Do you need the "about" tab - you can open up Add data pop up straight from Map Data tab - would save on space, remove a tab. | |
| | | **terminology / labelling** | In the map viewer, could change "Add Content" to "Add Map Data". | |
| | | **user guidance** | Map has no help documentation – user had to figure out transparency on their own. User suggested map help would be a good improvement. | |

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| **MAP FUNCTIONALITY** | **general comments** | - add a north arrow,<br>- keep all layers on the same list ( in the same tab)<br>- keep the legend in the same font for all layers (e.g. Calibri size: 11) and not have different size text for each layer<br>- if some layers have a scale restriction (add to a text)<br>- had a 'warning' issue while loading some of the layers -> provide information how to fix it | |
| | **terminology / labelling** | copy URL - change icon to reflect social media "share" icon | RHS blue icon boxes - change tool tip "Create URL" to "Share"<br><br>RHS blue icon boxes - Change create URL icon to phone share icon ⤳<br><br>Change text in box - Create URL - to: Share : Create a URL that can be sent to others to view. |
| | | copy URL - rename - Share | |
| | | Create URL - Change word - functionality to "please use this function…" | |
| | **user guidance** | it wasn't clear how to maximise the map view screen. | New user guidance being developed - will include this information |
| | | Is there a way to fully maximise the map viewer so that it spreads across the page? | |
| | | if maximising the screen means removing the left hand map content box then it took me a while to work out what to do … I didn't know that I had to click the pin - I was looking for an arrow - now I've just seen there is an arrow as well... I don't know the sequence of arrow and pin clicks … | |
| | **visible labels** | Thought the list of additional map function on RHS of map could be clearer - easier to find. Why is that functionality not with other map layer functionality in the map contents? | RHS blue icon boxes - can the 3 boxes be made bigger/clearer? |
| | | didn't notice blue buttons on the RHS of map | |
| | | make more info and downloading buttons more obvious | |
| | **positive comment** | Much easier 2nd time round - adding data and searching location, finding more info etc | |
| | | RHS icons - like the cursor hover screen tips to explain what each button does | |
| | | I like the ability to send the URL | |
| | | create url - the hover information was helpful here | |
| | | Map was simple to use | |
| | | User liked the fact that he can change the order of layers using the move up move down feature, | |
| | | GIS from LL&TNP - Bg maps were really slick, performance was excellent, best map he'd seen. | |
| | | This version is a lot better than the previous one. Its much easier to use. | |
| | | Map becomes easier with use. I like smooth processing of the map. I like the modern feel also to the mapping itself. | |
| | | it's really good to be able to overlay the maps | |
| | | quick, intuitive and straight forward. I like search tool, gives searching option you really need. | |
| | | with further use, could find and search easily | |
| | | map is intuitive | |
| | | good to have "take a tour" | |
| | | easy to get around - "better than some, approachable" | |
| | **personal preference** | User expressed a dislike for the full primary colours representing the map layers -  he then went on to find the transparency and turned the colour to a transparency of his choice. | |
| | | I found zooming in / out on some maps difficult as I tend to use the mouse scroll wheel for these functions – appeared to conflict a little with moving the page up and down as well. | |

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|---|---|---|---|
| DATA | terminology / labelling | Would be good to have a list somewhere of what acronyms mean. | |
| | feedback to data partners | wide range of available info on "identify results"<br><br>Some have very minimal info - users might think this is all the info they will get for all data<br><br>discuss at data partners group, good practice, opportunities for more info<br><br>Identify results - not always clear what the information is telling the user? | All specific data feedback will be fed back to data partner and discussed at SEWeb data meeting<br><br>What are the essential fields for all data in SEWeb map tool - to provide consistent identify results information across all data sets.<br><br>Inclusion of link to more information about the data<br><br>what info from catalogue should be displayed in "about data" box on the map |
| | feedback to FCS | Why do some FCS data have FCS in title and others don't - can skew search if FCS in title (inconsistent)<br>(multiple user comment) | |
| | | The woodlands in and around towns isn't alphabetical because of the FCS tag at the start. I would put this (FCS) at the end. The data is important not which organisation it came from. | |
| | | Forest felling - when search for data by keyword "felling", different set of search results to using the same term under theme (advanced search) | |
| | | What does WIAT data mean? What is it telling me? Is it an area that woodland has been planted, has been designated for planting? | |
| | feedback to HES | colour of conservation areas - pale pink - hard to see on the map<br>(multiple user comment) | |
| | feedback to JHI | overlaying 2 soil maps - national soil map and 1:250,000 map - legend the same (polygon and point data - can't see or distinguish between map layers if polygons over points) | |
| | | (ref having the 2 soil maps on the map together) I couldn't find an NSIS point - until I took off the 1:250000 soil layer... it overlies the NSIS data ... then I discovered that was because I picked the soil layer before the NSIS layer - doing it the other way around you get the NSIS overlying the soil layer so you can see the points - however because most of them have the same soil type you can't pick them out unless you know they are there ...because they are the same colour ... clicking on the NSIS points to get results - you get a number of results but they all say the same thing? | |
| | Feedback to SEPA | Coastal water classification - what does "potential" mean? E.g. poor/potential | |
| | | where has the link to "more info" gone that used to be on SEWeb map - classification data? To the classification sheet.<br>Useful to find out more about what you are seeing on the map | |
| | | Issue with the groundwater dataset that has not been addressed in this new SEWEB map.<br>SEPA hydrogeologist -Reported the SEPA website map version of ground water classification is correct and has 2 horizons. The SEWEB groundwater does not show 2 horizons and is slightly incorrect. Said he would highlight this issue with the GIS guys. Example used was around the Prestonpans area. | |
| BASEMAPS | load time | The aerial photography basemap only loaded on the umpteenth attempt - previously I got a blank screen. | Developer checking - has added load timer |
| | positive comment | options are good | |
| | | Basemaps load speed / redraw very impressive. | |
| | | Basemap options good | |
| ERROR MESSAGE | notifications | Error message - something about linked data store - didn't know what message means (not user friendly) - unsure if system, data, or user error. | Error message (to linked data store) - change time out settings and monitor user feedback.<br>Look into a more "generic" error message and what user should do about it - please wait, please refresh etc |
| LAYOUT | positive comment | User friendly, clear layout.<br>Not sure how you would make info more obvious without cluttering | |