## Bow-Tie

### 1. High Priority (Functionality Issues)

* **Navigation Bug:** The tool does not permit the user to go back a step to amend information. If navigation is attempted, it fails to retain the previously entered data.
* **Model Logic:** Escalation factors are incorrectly connected to the central event. Their logic should be adjusted so that they only affect the controls.
* The Bow-Tie tool should have a function to 'create a report output'.
* **System Bugs:**
  + An inability to export the 'pathway report' after the entry point.
  + The user being 'unable to delete data & start again'.
  + Cannot export bowties to image or pdf
* **AI Functionality Bugs:**
  + 'AI guided creation step 2' only allowing the user to 'select one' common issue.
  + The user being unable to 'start over' from the AI assistant.

### 2. Medium Priority (Usability Issues)

* **Guided Creation:** The instructions for this module are 'not prominent' and therefore 'not intuitive to find'. This should be rectified, for instance, by making the title bold so the user is aware of their location (Driver, Activity, Pressure, etc.).
* **Guided Creation:** The 'save progress' button is noted as being 'off-set' (misaligned).
* **General UI:** Other improvements include adding an information icon '[i]' for confidence/strength in the guided creation review and highlighting elements when 'both selecting elements'

### 3. Low Priority (Other Requests)

* **Feature Request:** An 'auto-save feature', similar to the one in the SES tool, should be added.
* **Terminology:**

## Social-Ecological System

### 1. High Priority (Functionality Issues)

* **System Bugs:**
  + An inability to export the 'pathway report' after the entry point.
  + The user being 'unable to delete data & start again'.
  + The 'link strength & confidence change' function not working (it remains on '3').
  + The 'guided creation' module requiring the user to perform an action twice ("do 2x") to get connections.
  + Autosave function is disrupting the workflow
* **AI Functionality Bugs:** The AI components linked to this tool share the same critical errors. These include:
  + The 'AI bot creation' not saving CLD information.
  + The AI assistant not allowing users to 'select options' (such as 'ecosystem under study').
  + The user being unable to 'start over' from the AI assistant without entire refresh
* **Data Integrity:**
  + This tool is also impacted by data handling issues, such as 'links are not present in the model', the 'slider not present' on import, and the 'Report generation' function failing to 'change names of list' correctly.

### 2. Medium Priority (Usability Issues)

* **Guided Creation:** The instructions for this module are 'not prominent' and 'not intuitive to find'. This should be rectified, for instance, by making the title bold so the user is aware of their location (Driver, Activity, Pressure, etc.).
* **Guided Creation:** The 'save progress' button is noted as being 'off-set' (misaligned).
* **'Getting Started' Page:** The 'management Q' element should be moved below the 'start here' entry points port for a more logical workflow.
* **Link Modification:** The need to 'right click' to modify link values is not intuitive, and clear instructions must be added.
* **Approving/Rejecting Elements:** The 'Approve & Reject' functions should be presented side-by-side with the chosen one highlighted. A 'small intro' should be added to the 'approve' function, and the 'connection summary' (for increases/decreases) needs to be addressed.
* **General UI:** Other improvements include adding an information icon '[i]' for confidence/strength in the guided creation review and highlighting elements when 'both selecting elements' (such as Drivers).

### 3. Low Priority (Other Requests)

* **Feature Request:** An 'Add import SES data button' should be placed alongside the 'save & load project' functions. – ADD AZORES AND MS DA DATA
* **Feature Request:** An 'edit' function should be added to the 'model template SES'.
* **Testing Requests:** Notes were made to 'test SES for SH' and to 'test additional analysis in [Zandvoort?] for SES'.
* **Data Standardisation:** A 'Standardised excel sheet' for both data input and output is required, noting that it will be 'different for BowTie & SES'.
* **General Feature Requests:** Several system-wide features are requested, such as the 'What if "DTU tool"' (which should be on all user levels), an 'add import tool' (especially for 'DA SH use'), and the inclusion of 'centrality metrics'.
* **Terminology:** A specific change is required to correct 'Socio-Ecological' to 'Social-Ecology'. All other system-wide terminology changes (such as removing 'CLD', 'Loop Analysis', etc.) also apply.
* **Conceptual Queries (Martinique):** Questions regarding the tool's capacity (for instance, to 'up scale & out scale SES', its current Technology Readiness Level (TRL), and its ability to 'answer a management question') are noted here.
* **Entry Point (EP) Development:** All suggestions for the Entry Points, such as adding experience levels, a 'research option' for EP 1, and amending the list for EP 3 (Risks & Hazards), are considered new development items.