

Using HEEP Postprocessor (Beta version)

When the HEEP Postprocessor starts, the following window opens up (Figure-1),

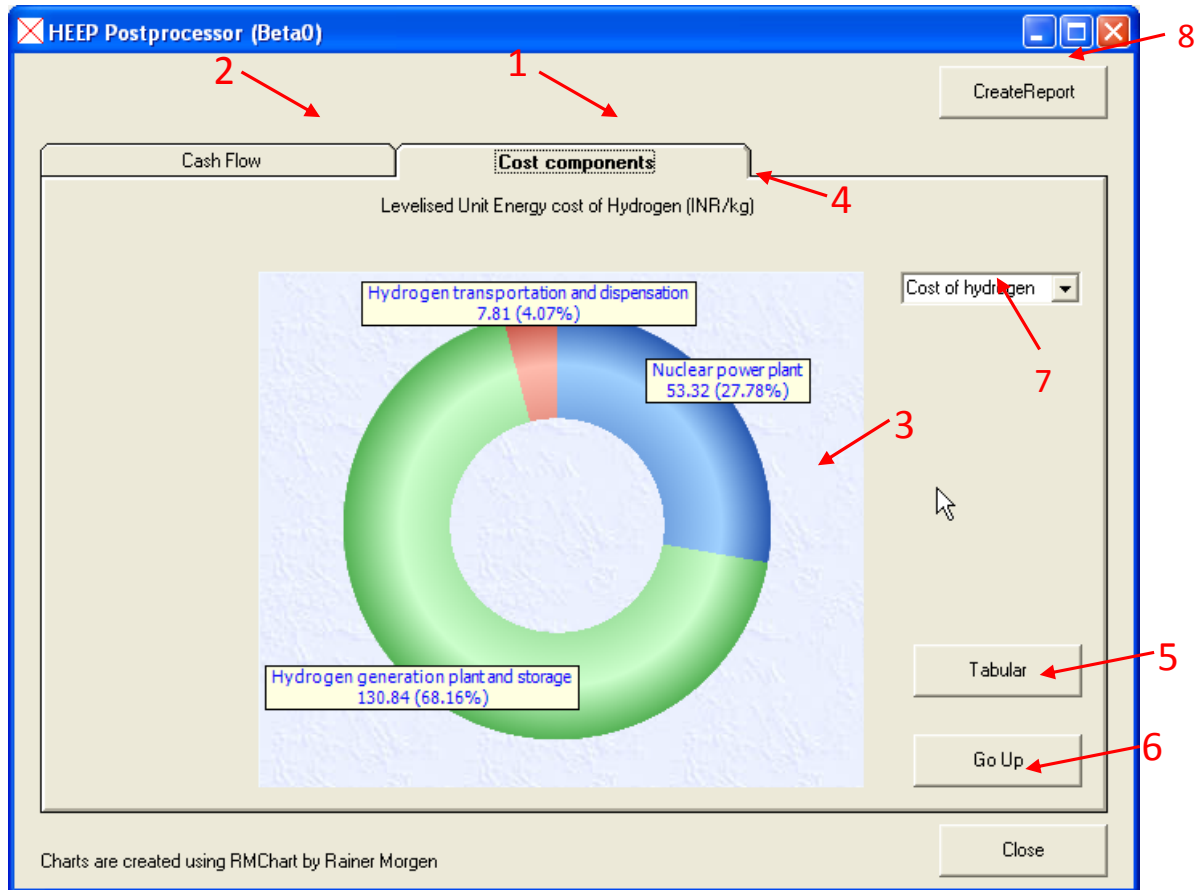


Figure-1: Opening window of HEEP post processor (pre-alpha version)

The window consists of two tabs (1) and (2), marked in red in Figure-1. The tab marked (1) shows the levelised cost components. The different components are marked in the form of a navigable (see below for more details) pie-chart (3). The button marked “Go Up” (6) is used for navigating the pie-chart, while the button marked “Tabular” (5) displays the data of the current level of the pie-chart in a tabulated form. In the current version, the cost breakup for Cost of Hydrogen, Thermal Energy (Nucl.) cost and Electrical energy cost are displayed. The selection between any of these can be done from the combo box (7). The cost component, for which the pie chart is being shown, is identified by the text (4). Additionally, there is a button (8) for generating a report in HTML format. The tab marked (2) (Cash Flow) is unused in the current version, but will be made available in future versions.

Navigating the pie-chart

The pie-chart (marked as (3), in figure-1), shows the levelised cost components. In the example shown in Figure-1, there are three components to the cost of hydrogen. The selection of the total

cost for which the cost components are desired to be viewed in pie-chart can be selected by clicking on the combo box, as shown in Figure-2.

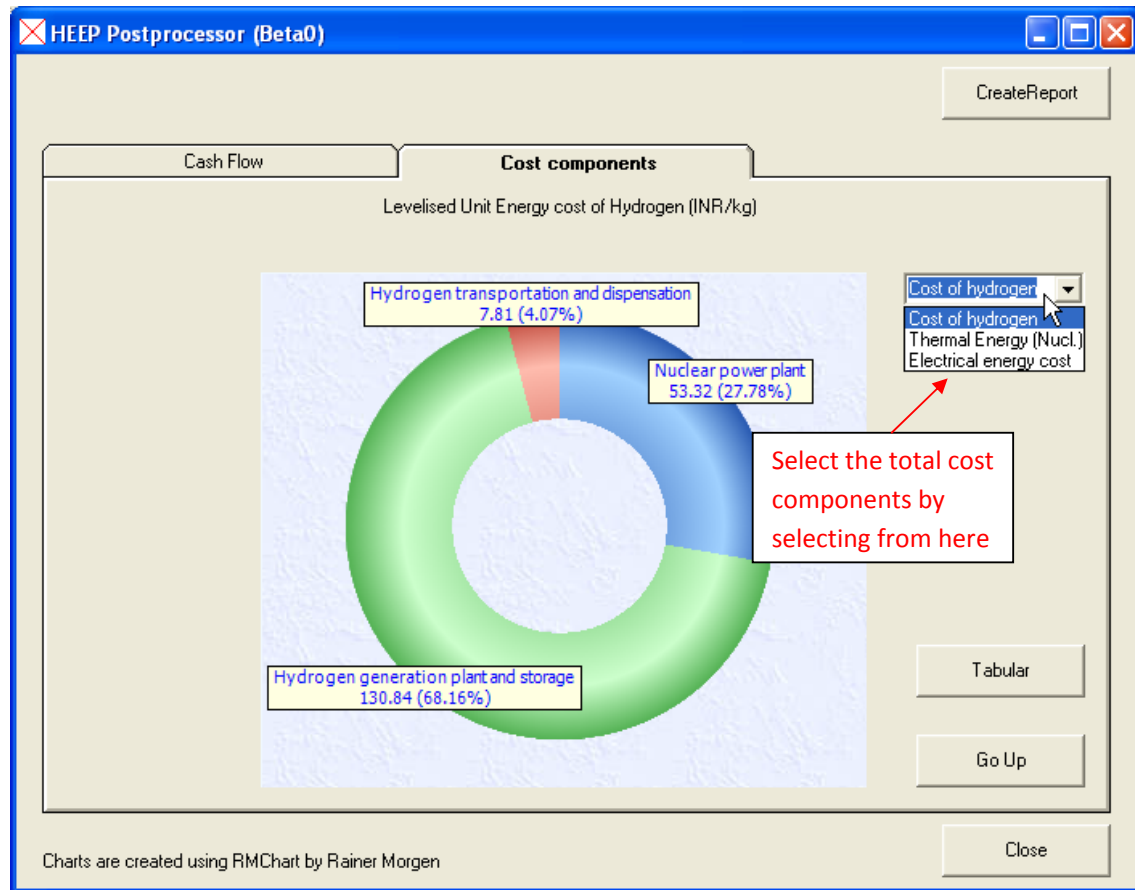


Figure-2: Selection of total cost component for display in pie-chart format

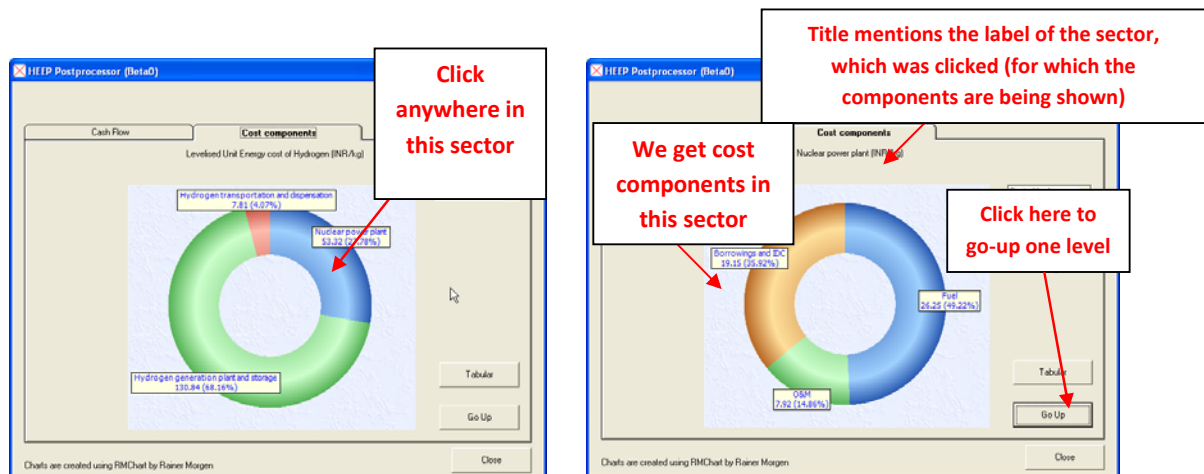


Figure-3: Example showing the navigation of the pie-chart to show the sub-components of each sector of the pie-chart.

Each of this cost will be composed of further components. The cost break up for each of these components may be obtained by clicking on the appropriate sector of the pie. An example is shown in Figure-3. In this figure, if we want to see the components of “Nuclear Power Plant”, we click on that sector, and the pie-chart changes to display the components of this sector (shown on the right). The title of the pie-chart now mentions the label of the sector which was clicked (in this case, “Nuclear Power Plant”). To go up the level, the button labelled “Go Up” may be clicked.

The data in a given level of the pie-chart may be obtained in a tabular form by clicking the “Tabular” button. An example is shown in Figure-4.

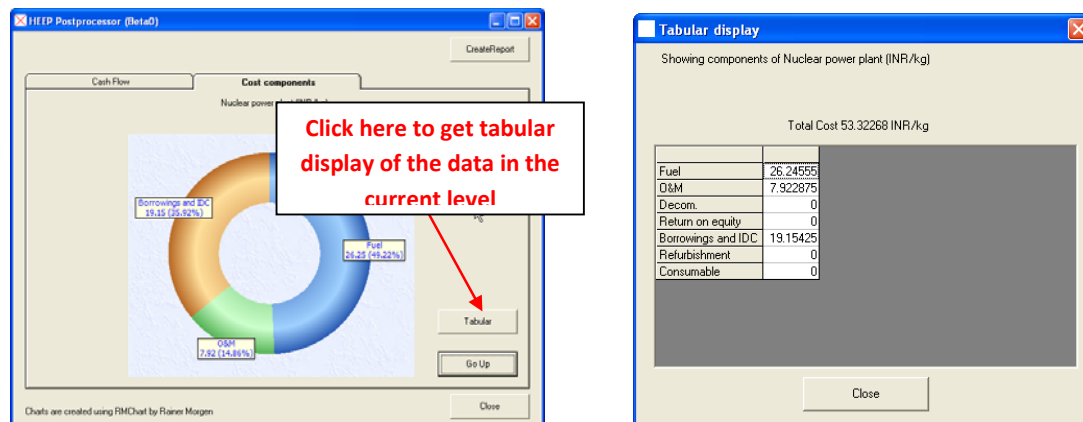


Figure-4: Example showing the display of cost components in the form of a table.

Report Generation

To generate a summary of the results, please click the button marked “Create Report”. A dialog box asking for the *directory* where the report is to be created pops up. Please note that the directory name is asked for *not* the filename. The report is in the form of an html file named “Report.html” which is created in the specified directory. The html file is best viewed in Mozilla Firefox 2.0 or higher.

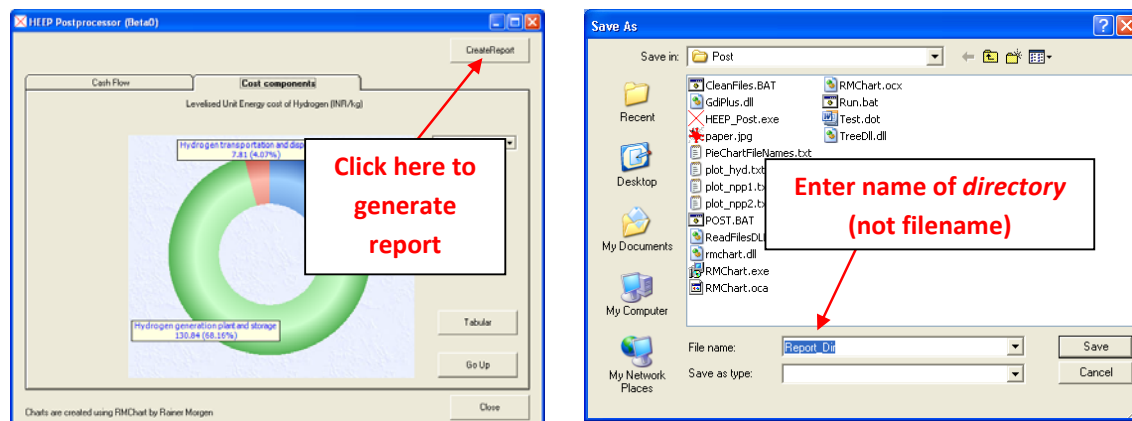


Figure-4: Example showing the procedure for report generation

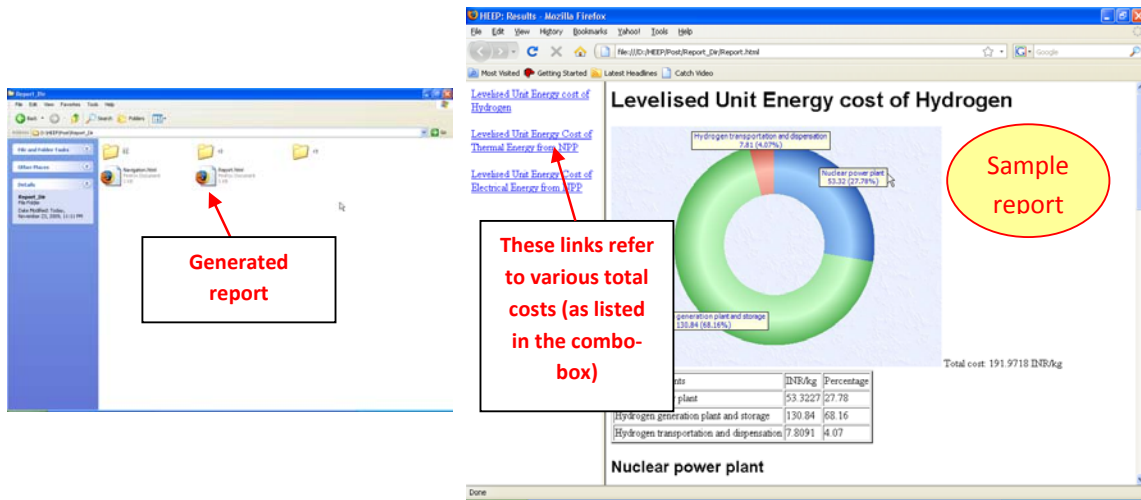


Figure-5: Screen shots showing a sample report