

# Indicators (KPIs)

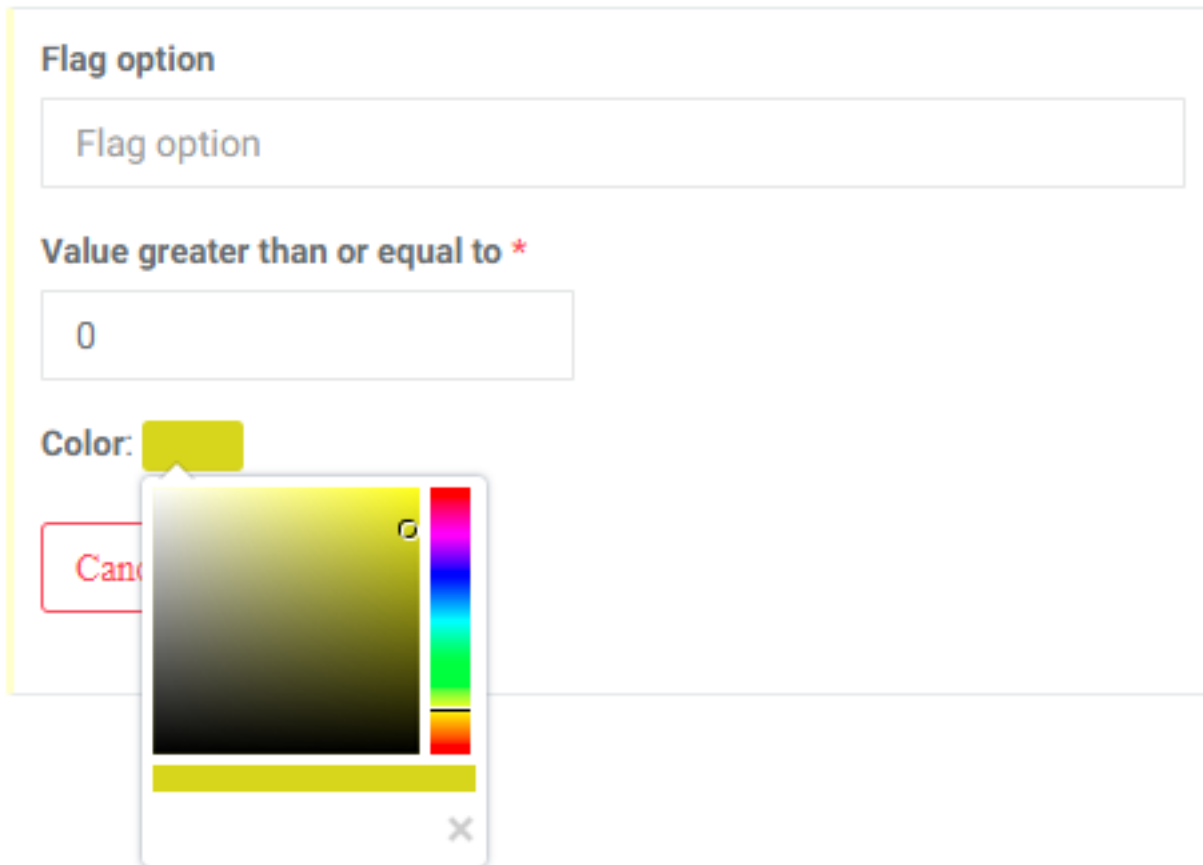
## Indicators: Creating Indicators: Spatial Visualization

The third tab under Description is **Spatial Visualization**. If you're creating the indicator, you will not yet see the Description tab; it only appears after the indicator has been created and saved.

The screenshot shows the DELTA Water and Sanitation Project interface. The top navigation bar includes the DELTA logo, the project name 'Water and Sanitation Project', and user icons. The left sidebar contains navigation links: Home, Settings, Proj. Mgmt, Log frame, Data Collect, Dashboards, Learning, and Admin. The main content area displays the indicator '011C NUMBER OF VILLAGES WITH NEW WATER PUMPS' with the unit of measure 'NUMBER - Baseline: - Final Target (Project End)'. The 'Indicator Settings' tab is active, showing the 'Spatial visualization' sub-tab. The 'Legend colors (map)' section is visible, with a '+ ' button to add new ranges. The legend shows four ranges: 0-10 (yellow), 10-40 (green), 40-60 (blue), and 60-80 (red). Each range has a 'Delete' and 'Edit' button. The 'Use Colors' radio button is selected, and the 'Use Layers' radio button is unselected. The bottom status bar indicates 'Currently Connected: 1 User' and 'Copyright DELTA Monitoring & Evaluation ©'.

The indicator contains default colors and ranges for the map. Make sure **Use Colors** is selected, and click the + next to Legend Colors (map) to add a range and select a display color for that range. Click on an existing range's Edit icon to change its name, its range, and its color. You can add as many ranges as required for the indicator.

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Flag option

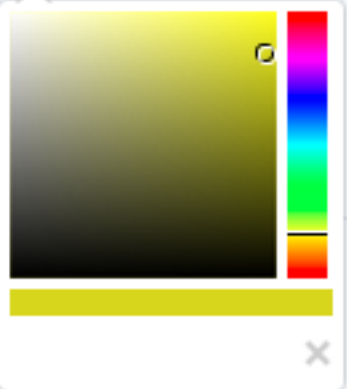
Flag option

Value greater than or equal to \*

0

Color: 

Cancel



The **Flag Option** field is optional. What you enter here will be displayed in the legend on the map alongside the range for that item. If you only want to show the ranges and colors, leave this field blank.

Selecting **Use Layers** allows you to add geospatial overlays to the indicator map. Click on the + button to bring up the data layer parameter popup window.

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Layers

Label \*

☐ Periodic ☐ Data Layer

Color: Marker: 

...

URL \*

OK

Enter a short, representative **label**/name for the layer, and select a color to use on the map for this layer. The OK button will be activated once a label has been entered.

If you wish to use a map **marker** other than the default, click on its More menu, and navigate to the image you want to use. Click on the file once to select it, then click Open or press Enter on your keyboard. The new marker graphic replaces the default in the popup window.

Enter the URL for the GIS data you want the later to display. **NOTE:** this requires access to an external service such as ArcGIS.

Checking the **Data Layer** box brings up the Format field, which allows you to add metadata to the layer. The format refers to the syntax used to display the metadata on the map. The syntax for formatting variables uses curly brackets. For example, in a layer which displays the locations of hospitals, the format template might look like this:

Hospital

Parish: {PARISH}

Region: {HEALTH\_Area}

Facility Type: {FACIL\_TYPE}

Name: {CEN\_NAME}

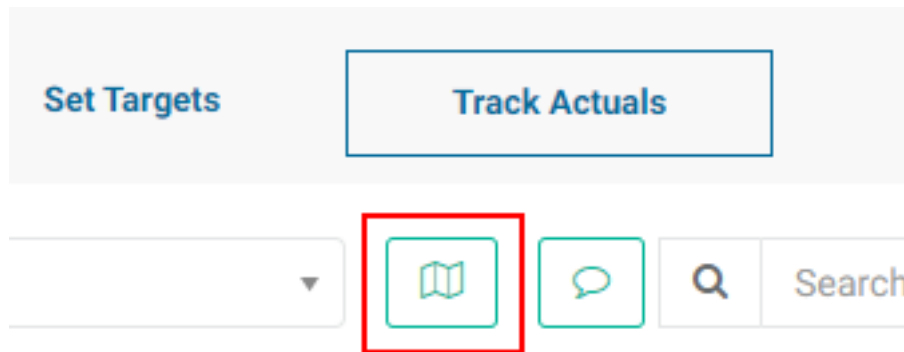
where the items in brackets are the variables available from the URL, and the labels are the map

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legend labels. In practical terms, adding this formatting will allow the information in the variables to be shown on the map when a user clicks on the marker in the Map project dashboard for that indicator, or in the indicator Report tab Map view of the indicator itself.

Finally, checking the Periodic box allows several URLs to be defined for this layer and to update it periodically. When this option is selected, the Track Actuals tab of the indicator will feature a data entry icon. You will enter the URLs here instead of in the Spatial Visualization tab.

After creating the layer in the Spatial Visualization tab and checking the Periodic box, select Track Actuals, and click the Enter Layer URL icon below the Track Actual tab.



Enter the URL in the box, and click OK to save your work.

**Layers URL** 

**Kenya Ecological Zones**

[https://services.arcgis.com/CmlNI EzurW7T agtI/arcgis/rest/services/Kenya\\_Ecological\\_Zones/FeatureServer/0](https://services.arcgis.com/CmlNI EzurW7T agtI/arcgis/rest/services/Kenya_Ecological_Zones/FeatureServer/0)

 **OK**

The layer will be updated periodically based on the information provided at the link.

External GIS data will appear in its own layer in indicator map reports once the indicator has been planned and actuals entered.

Once an indicator is saved, several additional tabs appear when you reopen the indicator, allowing you to plan, track and report on indicators, and to add notes and documents in a similar fashion to adding notes and documents to activities.

Previous: [Indicators: Creating Indicators: Data Source](#) | Next: [Indicators: Documents](#)

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