

# ADB Visualization Tool Operation Manual

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## 1. ADB Visualization Tool URL

ADB Visualization Tool (ADB-Viz) is hosted in web address <http://asm.aviyaan.com/adb-nrm-viz>. Please open up a browser Google Chrome/Mozilla Firefox and type in the URL above and press enter. It will open up a landing screen with Nepal maps with ADB NRM projects scattered over the map. See Figure 1

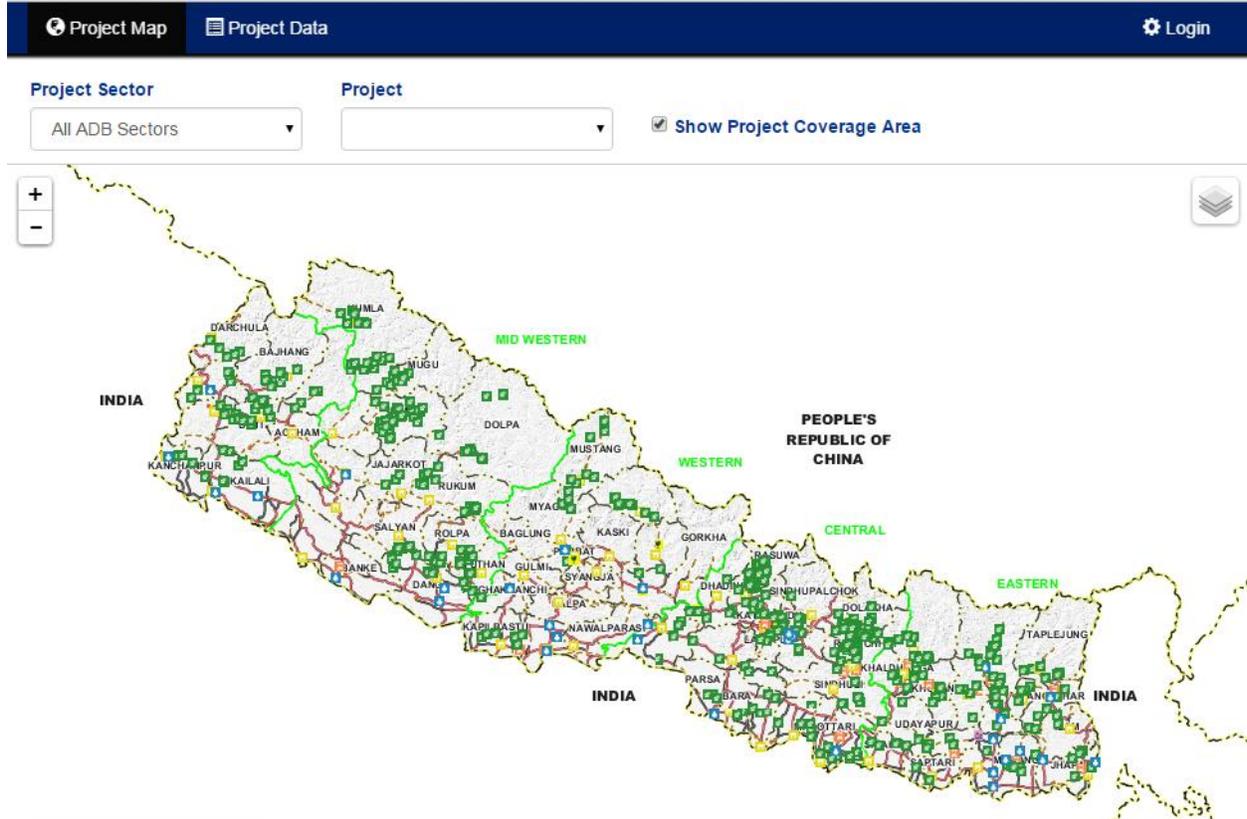


Figure 1: Landing Page of ADB Visualization Tool

## 2. ADB Project Map

The landing page shows the map of Nepal with various symbol markers (points) scattered over the map which represent ADB-NRM based projects of various sectors. The green background marker with a wheat plant head represents a project in an Agriculture, natural resource and rural development Sector. The sector markers are shown in Figure 3: Sectors Legend. This legend can be turned on from the Legend button located at the right bottom of the map and off from the minimize button “-“ at the right top of the Figure 3: Sectors Legend



Figure 2: Legend Button

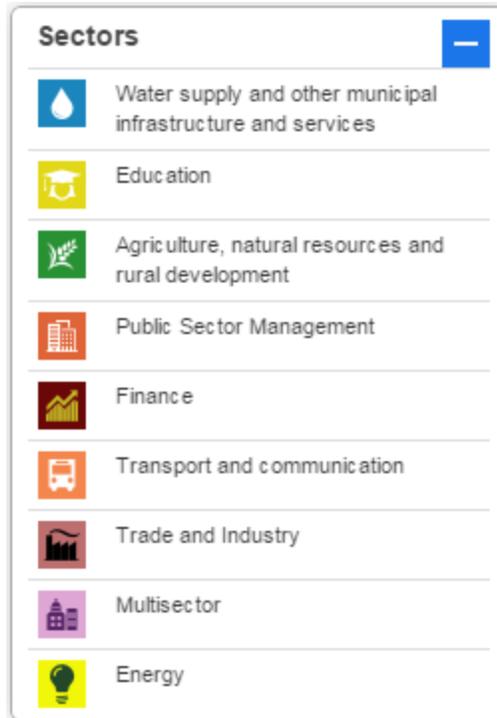


Figure 3: Sectors Legend

## 2.1 Map Features

This map is an interactive map with various functionalities like zooming, panning, toggling layer on and off, sees information about the project. Along with these features you can filter the map to see the projects of a particular sector only and see the coverage of a sector or a project.

### 2.1.1 Zoom and Pan

Map can be zoomed in using the '+' sign button and zoomed out using '-' sign button located at the left top of the map as shown in Figure 4. Map can also be zoomed in and zoomed out using the mouse wheel. Double click on the map also zoom in the map.



Figure 4: Map Zoom in and Zoom out button

### 2.1.2 Map Layer Control

In this map, other layers like Google Satellite Imagery, Google Road map and Google Terrain map can be turned on and off based on your need. The layer control can be accessed by clicking the button on the right top corner as shown in Figure 5.



Figure 5: Map Layer Control

### 2.1.3 Geo Location and Map Scale

You can see the geo location (latitude and longitude) of the project or anything that you are interested by looking on the left bottom corner of the map. You can also see the current scale of the map.



Figure 6: Geo Location and Scale of the Map

### 2.1.4 Sector Map

Please select the Sector From the project Sector menu as shown in Figure 7 . It will display all the area covered by the selected sector and project locations as shown in Figure 8. Figure 8 shows all the green highlighted regions which are the area coverage of ADB Agriculture, Natural Resources and Rural Development Sector. The green markers are the project locations.

#### Project Sector

Figure 7: Project Sector Menu

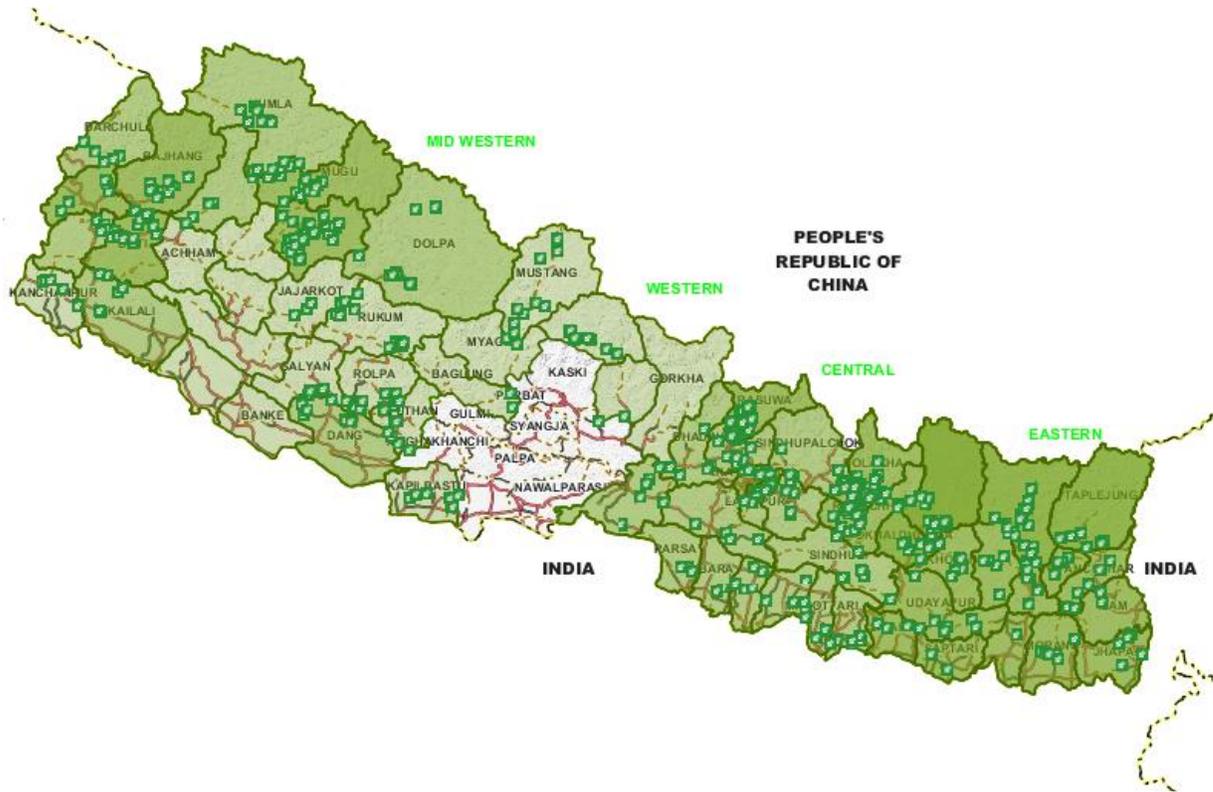


Figure 8: Agriculture Sector Map

Click on the Project marker to see the Project information as shown in Figure 9. You can also find the project related links in this information box.

**Project No: 37292-042**

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<p><b>Sector:</b> Agriculture, natural resources and rural development</p> <hr/> <p><b>Project:</b> High Mountain Agribusiness and Livelihood Improvement Project</p> <hr/> <p><b>Sub Project:</b> Nepali Kagaj Utpadan Byabasayik Yojana</p>	<p><b>Approval Date:</b> 2011-03-25</p> <hr/> <p><b>ADB Financing (In \$ thousand):</b> <b>\$20,000.00</b></p>
---	--

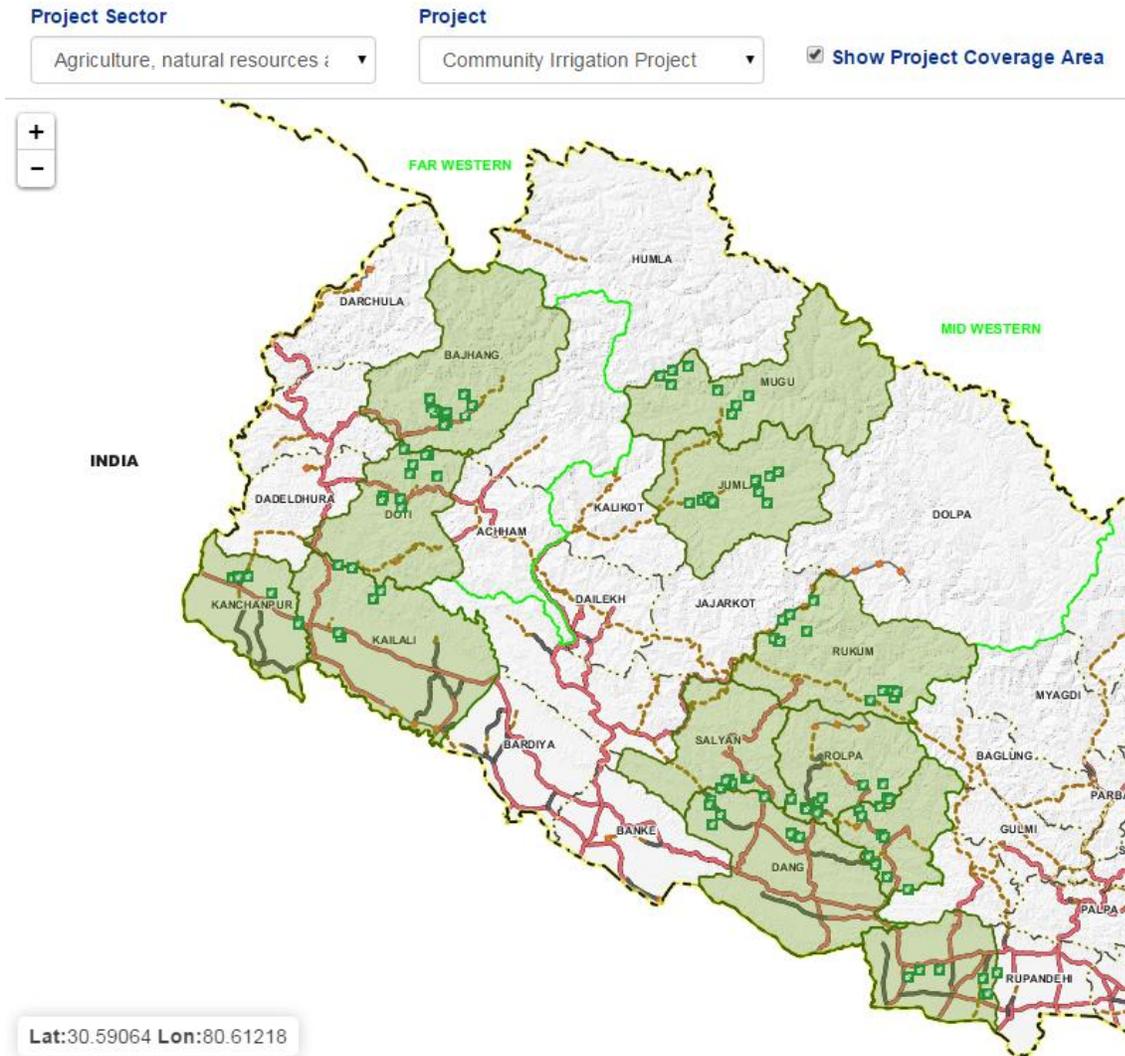
---

- [Project Overview](#)
- [Details](#)
- [Documents](#)
- [Financing](#)
- [Project Website](#)

Figure 9: Project Information Pop-up

## 2.1.5 Project Map

Select the Project from the Project Menu to see the Project Coverage Area and Project/Sub-Project Points. User can turn off the coverage area by clicking the checkbox “Show Project Coverage Area”.



### 3. Project Data

Click on the top menu “Project Data” as shown in Figure 10 to see the all ADB-NRM active projects.



Figure 10: Project Data Menu

#### 3.1 Search Project

Type in the Project name or approval number and press search button to search the Project. You can also filter the project by Sector. Check on the “Include Inactive Projects” to include all the inactive projects also.

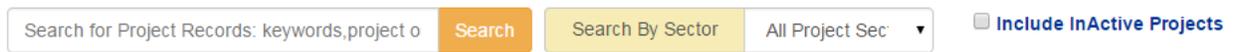


Figure 11: Search Project

#### 3.2 Projects List

Click on the project name on the project list as shown in Figure 12 to see the Project details.

S.NO	Project Name	Types of Assistance	Approval Number/s	Status	Sector	Approval Date
1	43448-013 Bagmati River Basin Improvement Project	Loan	0367/3057/8500	Approved	Agriculture, natural resources and rural development	2013-10-31
2	44214-024 Building Climate Resilience of Watersheds in Mountain Eco-Regions	Grant	0358/0357	Approved	Agriculture, natural resources and rural development	2013-09-23
3	43490-013 Capital Market and Infrastructure Capacity Support Project	Grant	252	Approved	Finance	2011-04-19
4	38417-022 Community Irrigation Project	Grant	219	Approved	Agriculture, natural resources and rural development	2010-09-27

Figure 12: Project List

Each Project has sections - Project Overview, Details, Project Map, Documents, Financing, and Project Website. Click on the links as shown in Figure 13 to see the corresponding pages. All these data are extracted from the ADB website.

## 44214-024: Building Climate Resilience of Watersheds in Mountain Eco-Regions

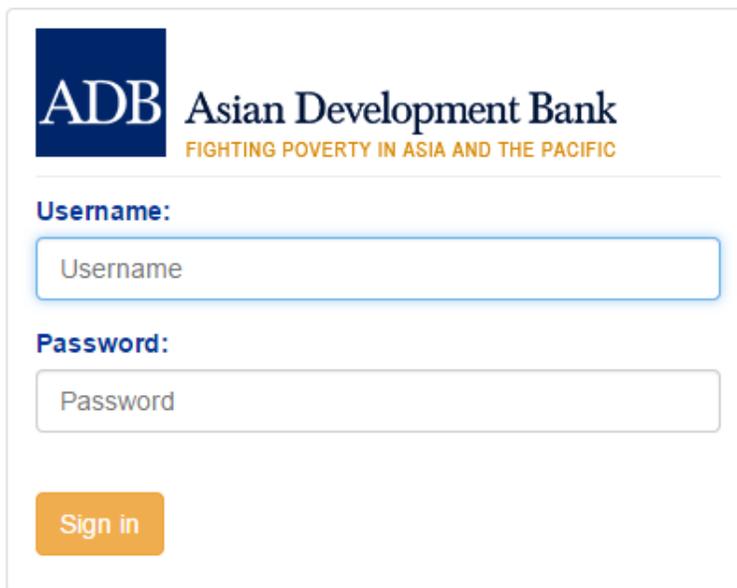
### Project Data Sheet (PDS): Overview

Country	Nepal	<b>Responsible ADB Officer</b> Vidhisha Samarasekara <hr/> <b>Responsible ADB Department</b> South Asia Department
Project Number	44214-024	
Project Type or Modality of Assistance	Grant	
Financing	Public sector (Sovereign)	
Status	Approved	
Approval number	0358 0357	
Approval Date	2013-09-23	
ADB Financing (\$ thousand)		
Geographical Location	N/A	
Sector	Agriculture, natural resources and rural development	

Figure 13: Project Detail Menu

## 4. Administer Project Data

Click on the Login link located at the Right Top of the menu as shown in Figure 10. It will open up a login page as shown in Figure 14. Type in the username and password. Press sign in button. It will sign you in into the landing page of the map.



**ADB** Asian Development Bank  
 FIGHTING POVERTY IN ASIA AND THE PACIFIC

**Username:**

**Password:**

**Sign in**

Figure 14: Login page

## 4.1 Project Settings

After you login, click on the Settings Menu to add/edit the project Data. It will show up a menu in the left side of the page as shown in Figure 15.

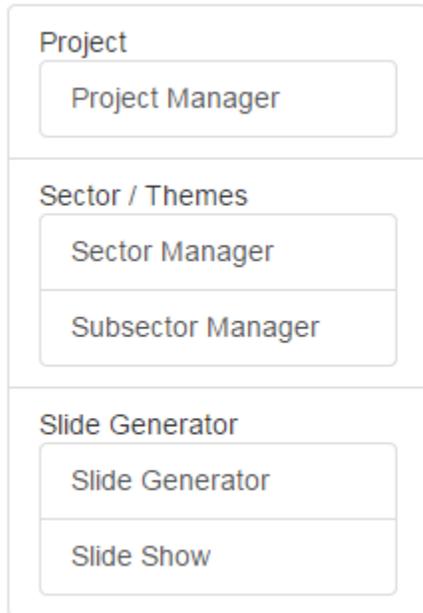


Figure 15: Settings Left Menu

## 4.2 Project Manager

Click on the Project manager to see the list of the projects as shown in Figure 16. It shows all the active and closed ADB-NRM Projects. All the Projects with Pink highlighted are the closed Project and Green Highlighted are the active projects. You can search the Project by project name, approval number and also filter the projects by sector.

[+ Add Project](#)

## Projects

Search for Project Records: keywords,pr [Search](#) Search By Sector All Project Sectors ▾

S.No.	Project Number/Name	Project Type or Modality of Assistance	Project Status	Sector	Implementation Status	Add to Slide	Action
1	323232-20 ADB-1	Loan	Approved	Education	Closed	<a href="#">In Slideshow</a>	<a href="#">Activate</a> <a href="#">Edit / Update</a>
2	48218-001 Agriculture Sector Development Program	Technical Assistance	Approved	Agriculture, natural resources and rural development	Closed	<a href="#">In Slideshow</a>	<a href="#">Activate</a> <a href="#">Edit / Update</a>
3	38349-013 Air Transport Capacity Enhancement Project (formerly Civil Aviation Airport Development Project)	Loan	Approved	Transport	Closed	<a href="#">In Slideshow</a>	<a href="#">Activate</a> <a href="#">Edit / Update</a>
4	43448-012 Bagmati River Basin Improvement Project	Technical Assistance	Approved	Agriculture, natural resources and rural development	Closed	<a href="#">In Slideshow</a>	<a href="#">Activate</a> <a href="#">Edit / Update</a>
5	43448-013 Bagmati River Basin Improvement Project	Loan	Approved	Agriculture, natural resources and rural development	On Going	<a href="#">In Slideshow</a>	<a href="#">Deactivate</a> <a href="#">Edit / Update</a>

Figure 16: Project Manager

### 4.2.1 Add Project

Click on the add project button on the Project Manager Screen to Add New Project. It will open up an “Add Project Form” as shown in Figure 17. Fill up the Data and Save the Project. Please make sure that the Project Number matches with the ADB Website Project Number. The Project will be displayed in the Project Manager.

## Project Add Form

---

Project Number	
Project Name	
Sector	None selected ▾
Project Type	
Financing	
Project Status	
Approval Number	
Project Website	

---

[Save](#)

Figure 17: Add Project Form

### 4.2.2 Include/Exclude Project in Slideshow

Figure 18 shows a Project in the Project Manager. Following green highlighted Project is the active project. You can deactivate the Project by clicking on the Red deactivate button.

7	44214-024 Building Climate Resilience of Watersheds in Mountain Eco-Regions	Grant	Approved	Agriculture, natural resources and rural development	On Going	In Slideshow	Deactivate Edit / Update
---	--	-------	----------	--	----------	--------------	-----------------------------

Figure 18 Project list in Project Manager

The green “In Slideshow” shows the project is already in the slideshow. Hover the mouse over the “In Slideshow” and click on it to exclude from the slideshow. This toggle button helps to include/exclude project from the slideshow.

### 4.2.2 Edit/Update Project

Click on the Edit Project button to edit and update the Project data and geo location. Edit Project has three sections- Edit Project Data, Sub-Project Location and Edit Project Coverage.

Project Id	555
Project Number	323232-20
Project Name	ADB-1
Sector	None selected ▾ Education
Project Type	Loan
Financing	Asian
Project Status	Approved
Approval Number	4312
Project Website	

Update

Figure 19: Edit/ Update Project Data

### 4.2.3 Edit project Data

Edit Project Data shows the current data of the project as shown in Figure 19. Change the Data and Save it. It will reflect the changes in project Information.

### 4.2.4 Sub-Project Location

Click on the Sub-project Location link as shown in Figure 19. It will open up a form to add sub projects for a Project. If a Project has no Sub-Projects, please create a sub-project using this form to enter the geo-location data of the project. This form has to be filled for each Sub-Project. Please type in all the details, latitude, and longitude and select photos to upload for this sub-project. Press “Save Project Point” to save the data. This project point will be displayed in the map in the given latitude and longitude.

Checking “Set as a Project Photo” and “Set also as a Sector Photo” in this form will set the photo as a project and sector photo. This setting will set to display this photo in the project slide and Sector slide of the slideshow.

**Project Name:** ADB-1(323232-20)

**Sub-Project Name/Point Name**

**Sub-Project Code** Please start with the project code 323232-20 and add suffix -01

**Latitude**

**Longitude**

Select Photo	Project Photo Option	Sector Photo Option
<p><b>Photo 1</b></p> <p><input type="button" value="Choose File"/> No file chosen</p> <p><b>Photo Title 1</b></p> <input type="text"/>	<p><input type="checkbox"/> Set also as a Project Photo</p>	<p><input type="checkbox"/> Set also as a Sector Photo</p> <p><b>Photo Story 1</b></p> <input type="text"/>
<p><b>Photo 2</b></p> <p><input type="button" value="Choose File"/> No file chosen</p> <p><b>Photo Title 2</b></p> <input type="text"/>	<p><input type="checkbox"/> Set also as a Project Photo</p>	<p><input type="checkbox"/> Set also as a Sector Photo</p> <p><b>Photo Story 2</b></p> <input type="text"/>
<p><b>Photo 3</b></p> <p><input type="button" value="Choose File"/> No file chosen</p> <p><b>Photo Title 3</b></p> <input type="text"/>	<p><input type="checkbox"/> Set also as a Project Photo</p>	<p><input type="checkbox"/> Set also as a Sector Photo</p> <p><b>Photo Story 3</b></p> <input type="text"/>

Figure 20: Add Sub-Project Form

### 4.2.5 Delete Sub-Project Location

Press Delete button to delete the sub Project. It will also remove the sub-project from the map.

Sub-Project Name/Point Name	Sub-Project Code	Lat, Lon	Action
Koteli	73015	29.3538, 80.6442	<a href="#">Edit</a> <a href="#">Delete</a>
Nawadurga	73018	29.3282, 80.6997	<a href="#">Edit</a> <a href="#">Delete</a>
Mastamandu	73017	29.2963, 80.7148	<a href="#">Edit</a> <a href="#">Delete</a>
Ganeshpur	73011	29.2852, 80.6744	<a href="#">Edit</a> <a href="#">Delete</a>

Figure 21: Delete Sub-Project

### 4.2.6 Edit Sub-Project

Click on the Edit button as shown in Figure 21 to edit the sub-Project Data. It will open up a form to edit the sub-project data as shown in **Error! Reference source not found..** You can update the Sub-Project Information including geo location (latitude and longitude), add new photos and delete photos.

To delete the photo, click on the “Delete photo” button. Press “Save project Point” button to save the Sub-project data which will reflect on the Project Data and map.

**Sub-Project Name/Point Name**

**Sub-Project Code** Please start with the project code 323232-20 and add suffix -01

**Latitude**

**Longitude**

**Photos:**

Select Photo	Project Photo Option	Sector Photo Option	Action
<p><b>Photo 1</b></p> <p><input type="button" value="Choose File"/> No file chosen</p> 	<input type="checkbox"/> Set also as a Project Photo	<input type="checkbox"/> Set also as a Sector Photo	<input type="button" value="Delete This Photo"/>
<p><b>Photo Title 1</b></p> <input type="text"/>	<p><b>Photo Story 1</b></p> <input type="text"/>		
<p><b>Photo 2</b></p> <p><input type="button" value="Choose File"/> No file chosen</p>	<input type="checkbox"/> Set also as a Project Photo	<input type="checkbox"/> Set also as a Sector Photo	
<p><b>Photo Title 2</b></p> <input type="text"/>	<p><b>Photo Story 2</b></p> <input type="text"/>		
<p><b>Photo 3</b></p> <p><input type="button" value="Choose File"/> No file chosen</p>	<input type="checkbox"/> Set also as a Project Photo	<input type="checkbox"/> Set also as a Sector Photo	
<p><b>Photo Title 3</b></p> <input type="text"/>	<p><b>Photo Story 3</b></p> <input type="text"/>		

Figure 22: Edit Sub Project Data

### 4.3 Edit Project Coverage Area

Click on the “Project Coverage” menu on the Project Manager to update/ edit the Project coverage area. It will open up a page as shown in Figure 23. Select the Coverage Type for the project – if Project is all over Nepal, Please select Country. Similarly select region, District or VDC coverage of the Project.

[Edit Project Data](#) | [Sub-Project Location](#) | [Project Coverage](#)

---

**Project Name:** ADB-1

**Coverage Type:**

- Country( All Nepal)
- Region
- District
- VDC

[Save Project Coverage](#)

---

**Project Coverage:**

Project Coverage Type	Project Coverage Name	Action
District	Achham	<a href="#">Delete</a>

Figure 23: Edit Project Coverage Area

#### 4.3.1 Delete Coverage Area

Press on the “Delete” button as shown in Figure 23 to delete the corresponding coverage area of the project. This will instantly reflect on the map.

## 5. Sector Manager

Click on the Sector Manager to Add and Update the Sector as shown in Figure 24.

[+ Add Sector](#)

### Project Sectors

S.No.	Sector	Status
1	Water supply and other municipal infrastructure and services	<a href="#">Edit / Update</a>
2	Education	<a href="#">Edit / Update</a>
3	Not yet classified	<a href="#">Edit / Update</a>
4	Transport	<a href="#">Edit / Update</a>
5	Agriculture, natural resources and rural development	<a href="#">Edit / Update</a>
6	Health and social protection	<a href="#">Edit / Update</a>
7	Public sector management	<a href="#">Edit / Update</a>
8	Information and communication technology	<a href="#">Edit / Update</a>
9	Finance	<a href="#">Edit / Update</a>
10	Transport and ICT	<a href="#">Edit / Update</a>
11	Industry and trade	<a href="#">Edit / Update</a>
12	Multisector	<a href="#">Edit / Update</a>
13	Energy	<a href="#">Edit / Update</a>

Figure 24: Sector Manager

### 5.1 Add Sector

Type in the Sector name and Save to add a new Sector as shown in Figure 25

Sector Add Form

Sector

Save Cancel

Figure 25: Add Sector

