Process that we need to follow in case we want to restore a deleted project from CostOS but not from CostOS (SQL) data

1. First we need to know the Project Name, Project Code, and Project EPS of the deleted project (historical project).
2. Then we open SQL management Studio from the server where we had created the project (historical project)..
3. We write the following query and execute.

```
declare @databases table
(
   PK   int IDENTITY(1,1),
   Name    varchar(255)
)

INSERT INTO @databases (Name)
SELECT name FROM sys.databases WHERE name like 'cep_%';

declare @result table
(
   PK   int IDENTITY(1,1),
   DatabaseName    varchar(255),
     ProjectName varchar(255)
)


Declare @maxPK int;Select @maxPK = MAX(PK) From @databases
Declare @pk int;Set @pk = 1

   DECLARE @dbName varchar(255);
   DECLARE @prjName nvarchar(MAX);
   DECLARE @out_param nvarchar(MAX);

   DECLARE @sql NVARCHAR(1000);
```

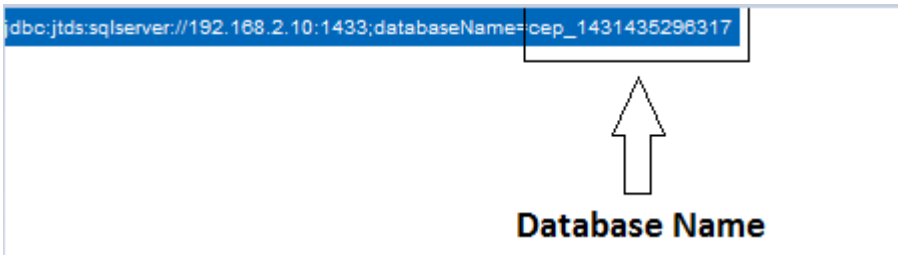
```
While @pk <= @maxPK
Begin


      set @dbName = (SELECT name FROM @databases WHERE PK = @pk);
      set @sql = '(SELECT @out_param = cast(PVAL as nvarchar(MAX)) FROM
'+@dbName+'.[dbo].[PRJPROP] WHERE PKEY LIKE "project.name")';

      EXEC sp_executesql @sql,
            N'@out_param nvarchar(MAX) OUTPUT',
             @out_param=@prjName OUTPUT

   INSERT INTO @result (DatabaseName, ProjectName)
     values (@dbName, @prjName);

   Select @pk = @pk + 1
End

Select *
   From @result
```

4. We get a table with all sql projects.

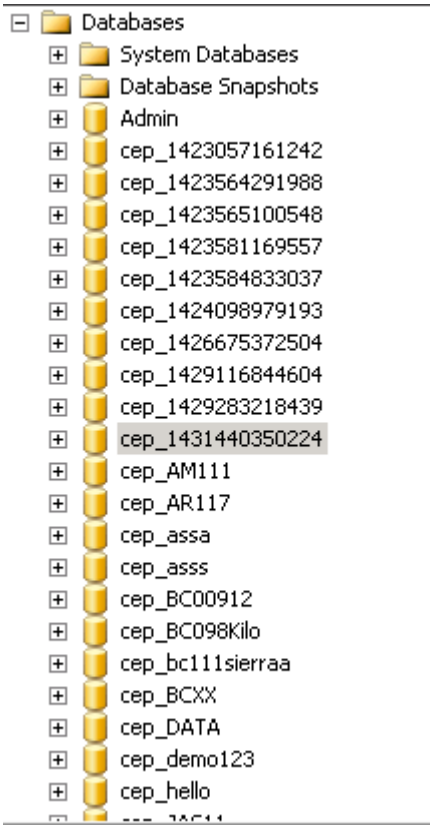
	PK	DatabaseName	ProjectName
1	1	cep_1423057161242	B081 T4 IDL Refurbishment
2	2	cep_1423564291988	TEST PROJECT
3	3	cep_1423565100548	Test Project
4	4	cep_1423581169557	Copying Excel
5	5	cep_1423584833037	MM

5. We search for the Database name of the project (historical project) that we are looking for (e.g. cep_146234233132)
6. Go back to CostOS app.

7. Create a new sql project with same project code, same EPS and write down the database name.



8. Go back to SQL database.
9. Find the database name of both projects, the historical and new one, from the left side of SQL window.



10. Copy the name of the new project on your clipboard.
11. Then delete the new project.
12. Paste the database name of the new project on the historical project, overwriting its previous database name.
13. Go back to CostOS and open the new project.
14. You will open the data of your historical project.