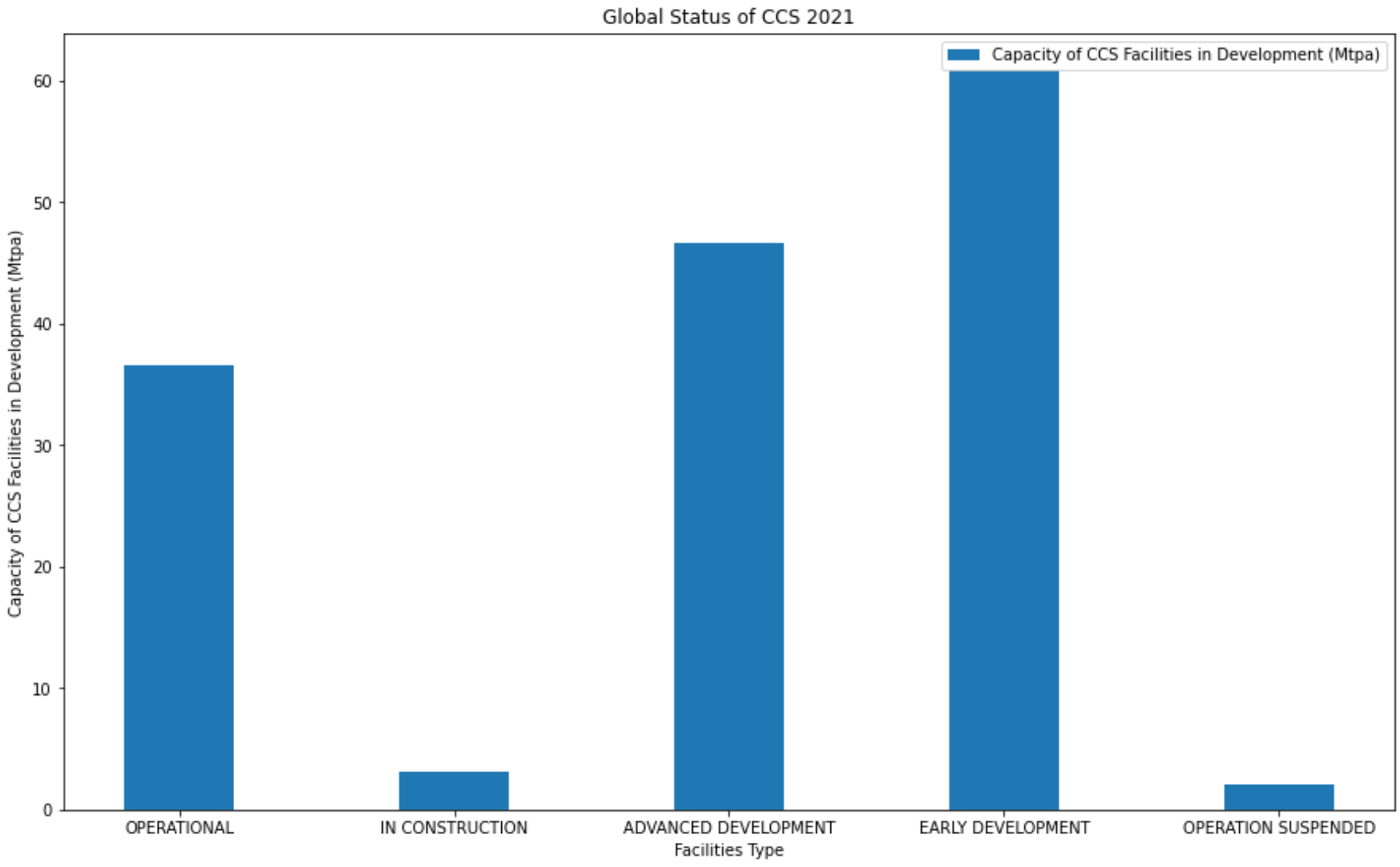
In [38]:
```
import pandas as pd
df2 = pd.read_csv(r'C:\Users\nazne\Downloads\CCS Proposed Papers\CCS facility data2.csv')
df2
```

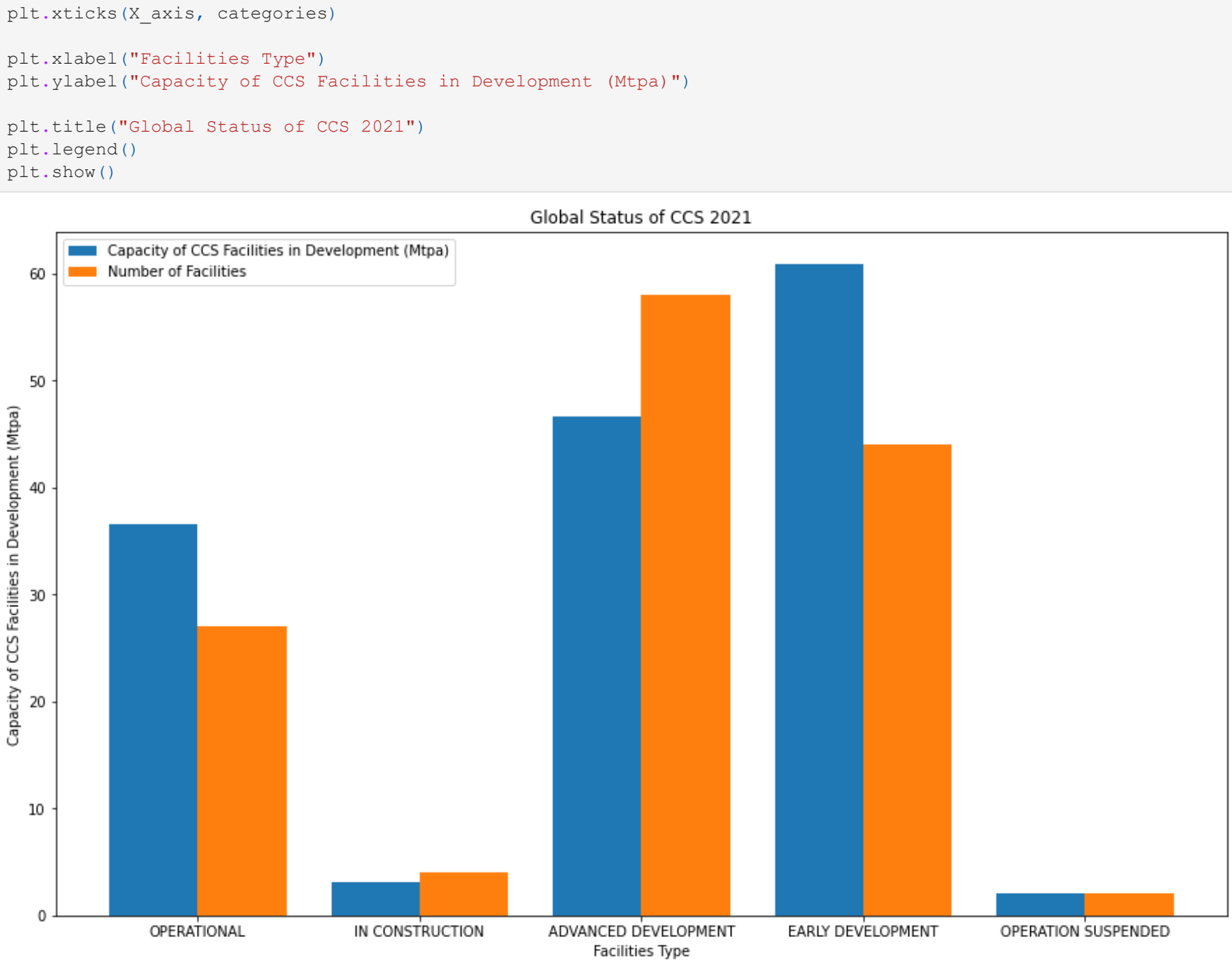
Out[38]:

	Names	Capacity of CCS Facilities in Development (Mtpa)	Number of Facilities
0	OPERATIONAL	36.6	27
1	IN CONSTRUCTION	3.1	4
2	ADVANCED DEVELOPMENT	46.7	58
3	EARLY DEVELOPMENT	60.9	44
4	OPERATION SUSPENDED	2.1	2

In [43]:
```
import numpy as np
import matplotlib.pyplot as plt

fig = plt.figure(figsize =(15, 9))

# creating the bar plot
categories = df2["Names"]

values = df2["Capacity of CCS Facilities in Development (Mtpa)"]

plt.bar(categories, values,
        width = 0.4, label = "Capacity of CCS Facilities in Development (Mtpa)")

plt.xlabel("Facilities Type")
plt.ylabel("Capacity of CCS Facilities in Development (Mtpa)")

plt.title("Global Status of CCS 2021")
plt.legend()
plt.show()
```



In [46]:
```
import numpy as np
import matplotlib.pyplot as plt

fig = plt.figure(figsize =(15, 9))

# creating the bar plot
categories = df2["Names"]
X_axis = np.arange(len(catagories))

values = df2["Capacity of CCS Facilities in Development (Mtpa)"]
values2 = df2["Number of Facilities"]
plt.bar(X_axis - 0.2, values,
        width = 0.4, label = "Capacity of CCS Facilities in Development (Mtpa)")

plt.bar(X_axis + 0.2, values2,
        width = 0.4, label = "Number of Facilities")

plt.xticks(X_axis, categories)
plt.xlabel("Facilities Type")
plt.ylabel("Capacity of CCS Facilities in Development (Mtpa)")

plt.title("Global Status of CCS 2021")
plt.legend()
plt.show()
```



In [ ]: