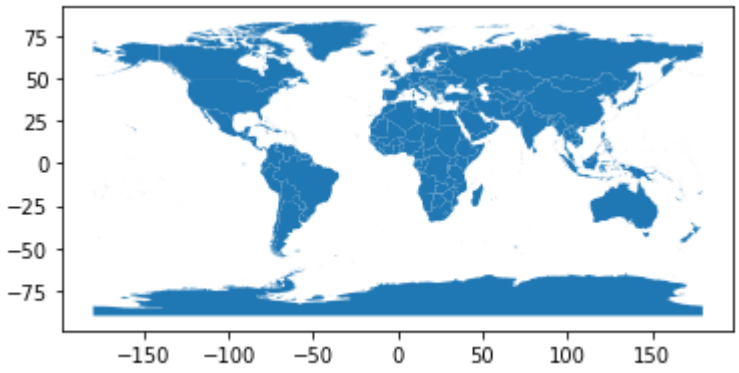
In [2]:

```
import pandas as pd
import matplotlib.pyplot as plt
import geopandas as gpd
from pandas import DataFrame
```

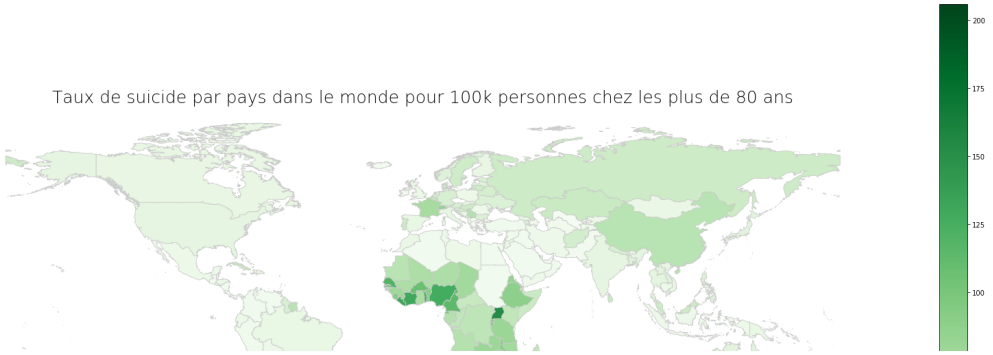
In [3]:

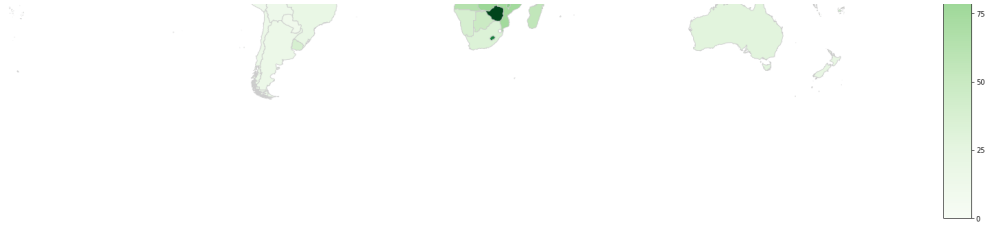
```
fp = "./Data/TM_WORLD_BORDERS-0.3.shp"
map_df = gpd.read_file(fp) #On importe une carte du monde pour y transpose
r nos données
map_df.plot();
```



In [7]:

```
df = pd.read_csv("./Data/Both_sexes_10y (corrigé).csv")
var = '80+ years'
color = 'Greens'
df = df[['Country',var]]
merged = map_df.merge(df,left_on = 'NAME', right_on = 'Country')
vmin = min(merged[var])
vmax = max(merged[var])
fig, ax = plt.subplots(1, figsize=(30, 15))
merged.plot(column=var, cmap=color, linewidth=0.8, ax=ax, edgecolor='0.8'
);
ax.axis('off');
ax.set_title('Taux de suicide par pays dans le monde pour 100k personnes c
hez les plus de 80 ans', fontdict={'fontsize': '25', 'fontweight' : '3'})
sm = plt.cm.ScalarMappable(cmap=color, norm=plt.Normalize(vmin=vmin, vmax=
vmax))
sm._A = []
cbar = fig.colorbar(sm)
fig.savefig('carte.png', dpi=300)
```




75
50
25
0