

自動化合併多個檔案彙整總表

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說明

- 新增一個資料夾，依照年份將溫室氣體排放資料分類
- 至環境部下載一份「溫室氣體盤查登錄表單」，並另存成一份溫室氣體總表
- 在同一資料夾中執行 JUPYTER NOTEBOOK
- 依各年份資料彙整為當年度溫室氣體盤查總表

| 名稱 | 修改日期 | 類型 | 大小 |
|--------------------|--------------------|---------------------|----------|
| 2023 | 2025/6/18 下午 02:55 | 檔案資料夾 | |
| 2024 | 2025/6/18 上午 11:34 | 檔案資料夾 | |
| 2025 | 2025/6/18 下午 02:40 | 檔案資料夾 | |
| 溫室氣體合併2023 | 2025/6/18 下午 02:55 | Microsoft Excel ... | 813 KB |
| 溫室氣體合併2024 | 2025/6/18 下午 02:38 | Microsoft Excel ... | 813 KB |
| 溫室氣體合併2025 | 2025/6/18 下午 02:37 | Microsoft Excel ... | 813 KB |
| 溫室氣體盤查登錄表單3.0.0(修) | 2025/6/16 下午 03:23 | Microsoft Excel ... | 1,025 KB |
| 溫室氣體總表 | 2025/6/18 上午 09:36 | Microsoft Excel ... | 1,017 KB |

語法程式說明_1

- 先導入工具
- 讀取需填寫的表格
- 設定啟始列
- 讀取2025資料夾中的所有檔案
- 只讀取 EXECL檔案
- 將表單中的資料依照格子依序填入

```
1 #先導入工具
2 import os
3 from openpyxl import load_workbook
4
5 #讀取需要填寫的表格
6 GH_wb=load_workbook('溫室氣體總表.xlsx')
7 #設定啟始列
8 start_row_index=4
9
10 #讀取./2025中的所有檔案
11 folder_path = './2025'
12 all_files = os.listdir(folder_path)
13
14 #不讀取暫存檔
15 for file in all_files:
16     if file.startswith('~$'):
17         continue
18     name_group = file.split('.') #只讀取excel
19     if len(name_group)>1:
20         if file.split('.')[1]=='xlsx':
21             wb = load_workbook(f'{folder_path}/{file}')
22             ws = wb.active
23             GH_ws=GH_wb['表三'] #選取表三，從第4列開始填入資料
24             GH_ws[f'A{start_row_index}']=ws['A3'].value
25             GH_ws[f'B{start_row_index}']=ws['B3'].value
26             GH_ws[f'D{start_row_index}']=ws['D3'].value
27             GH_ws[f'E{start_row_index}']=ws['E3'].value
28             GH_ws[f'G{start_row_index}']=ws['G3'].value
29             GH_ws[f'H{start_row_index}']=ws['H3'].value
30             GH_ws[f'J{start_row_index}']=ws['J3'].value
31             GH_ws[f'K{start_row_index}']=ws['K3'].value
32             GH_ws[f'P{start_row_index}']=ws['P3'].value
33             GH_ws[f'AK{start_row_index}']=ws['AK3'].value
34             GH_ws[f'AL{start_row_index}']=ws['AL3'].value
35             GH_ws[f'AM{start_row_index}']=ws['AM3'].value
36             GH_ws[f'AN{start_row_index}']=ws['AN3'].value
37             GH_ws[f'AO{start_row_index}']=ws['AO3'].value
38             GH_ws[f'AP{start_row_index}']=ws['AP3'].value
39             GH_ws[f'AQ{start_row_index}']=ws['AQ3'].value
40             GH_ws[f'AR{start_row_index}']=ws['AR3'].value
41             GH_ws[f'AS{start_row_index}']=ws['AS3'].value
42             GH_ws[f'AT{start_row_index}']=ws['AT3'].value
```

語法程式說明_2

- 選取總表的表三~表七依序填入資料
- 但因為表七需從第5列開始填寫，因此需從
- start_row_index+1開始
- 表格填寫完成後，儲存檔案：溫室氣體合併2025.XLSX

```
GH_ws=GH_wb['表四']
GH_ws[f'M{start_row_index}']=ws['AU3'].value
GH_ws[f'N{start_row_index}']=ws['AV3'].value
GH_ws[f'O{start_row_index}']=ws['AW3'].value
GH_ws[f'P{start_row_index}']=ws['AX3'].value
GH_ws[f'Q{start_row_index}']=ws['AY3'].value
GH_ws[f'R{start_row_index}']=ws['AZ3'].value
GH_ws[f'S{start_row_index}']=ws['BA3'].value
GH_ws[f'T{start_row_index}']=ws['BB3'].value
GH_ws[f'U{start_row_index}']=ws['BC3'].value
GH_ws[f'W{start_row_index}']=ws['BE3'].value
GH_ws[f'X{start_row_index}']=ws['BF3'].value
```

```
GH_ws=GH_wb['表五']
GH_ws[f'M{start_row_index}']=ws['BH3'].value
GH_ws[f'P{start_row_index}']=ws['BK3'].value
GH_ws[f'Q{start_row_index}']=ws['BL3'].value
GH_ws[f'S{start_row_index}']=ws['BN3'].value
GH_ws[f'X{start_row_index}']=ws['BS3'].value
GH_ws[f'AA{start_row_index}']=ws['BV3'].value
GH_ws[f'AB{start_row_index}']=ws['BN3'].value
GH_ws[f'AD{start_row_index}']=ws['BY3'].value
GH_ws[f'AI{start_row_index}']=ws['CD3'].value
GH_ws[f'AL{start_row_index}']=ws['CG3'].value
GH_ws[f'AM{start_row_index}']=ws['CH3'].value
GH_ws[f'AO{start_row_index}']=ws['CJ3'].value
```

```
GH_ws=GH_wb['表六']
GH_ws[f'H{start_row_index}']=ws['DA3'].value
GH_ws[f'J{start_row_index}']=ws['DC3'].value
GH_ws[f'K{start_row_index}']=ws['DD3'].value
```

#表七開始從第5列開始填

```
GH_ws=GH_wb['表七']
GH_ws[f'E{start_row_index+1}']=ws['DE3'].value
GH_ws[f'F{start_row_index+1}']=ws['DF3'].value
GH_ws[f'G{start_row_index+1}']=ws['DG3'].value
GH_ws[f'H{start_row_index+1}']=ws['DH3'].value
GH_ws[f'K{start_row_index+1}']=ws['DI3'].value
GH_ws[f'L{start_row_index+1}']=ws['DJ3'].value
GH_ws[f'M{start_row_index+1}']=ws['DK3'].value
GH_ws[f'N{start_row_index+1}']=ws['DL3'].value
GH_ws[f'S{start_row_index+1}']=ws['DM3'].value
GH_ws[f'T{start_row_index+1}']=ws['DN3'].value
GH_ws[f'U{start_row_index+1}']=ws['DO3'].value
GH_ws[f'V{start_row_index+1}']=ws['DP3'].value
GH_ws[f'AA{start_row_index+1}']=ws['DQ3'].value
GH_ws[f'AB{start_row_index+1}']=ws['DR3'].value
GH_ws[f'AC{start_row_index+1}']=ws['DS3'].value
GH_ws[f'AD{start_row_index+1}']=ws['DT3'].value
start_row_index+=1
#儲存檔案
GH_wb.save('溫室氣體合併2025.xlsx')
```