CLEAN ENERGY INVESTMENT ACCELERATOR

Sector Wide Advancement Toolkit 2 Attachment: Global Solar Atlas Tool User Walkthrough

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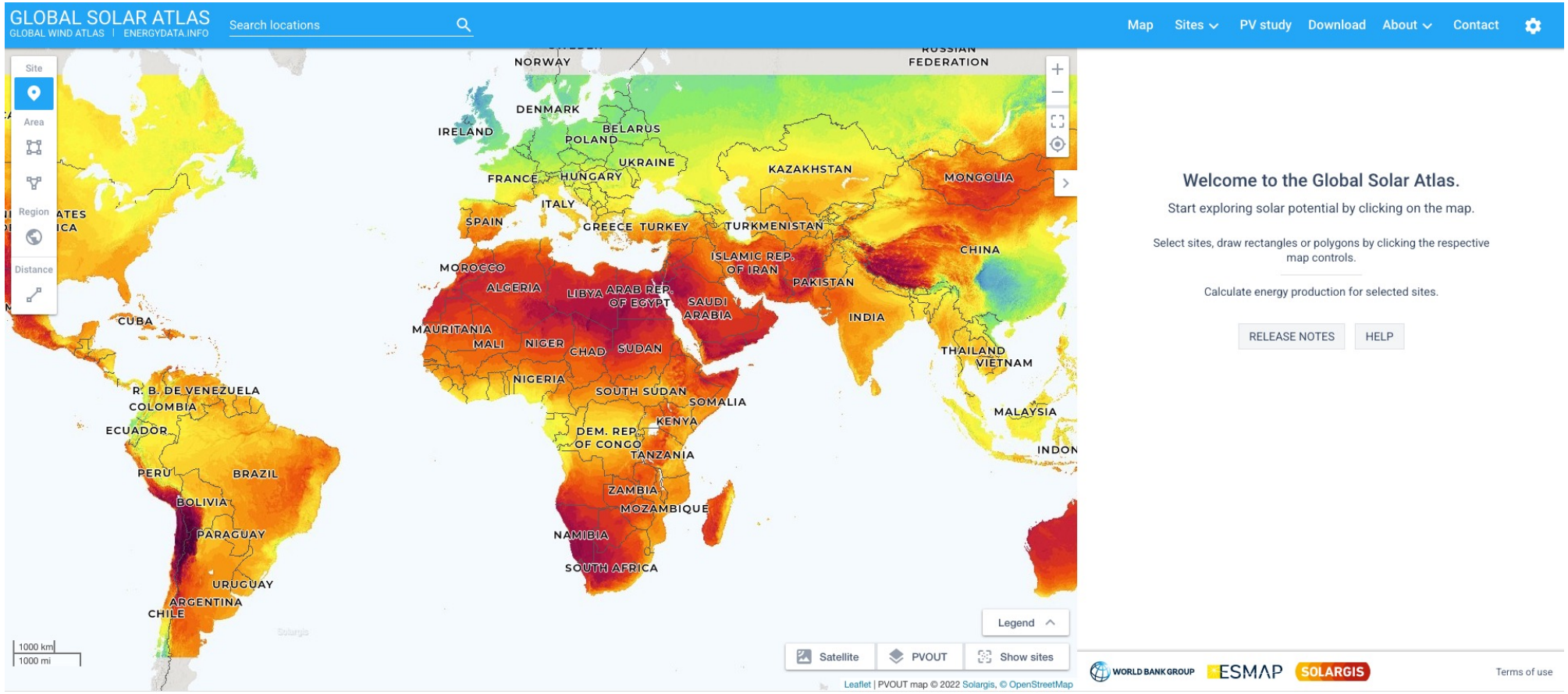
CLEAN ENERGY INVESTMENT ACCELERATOR

Overview of Steps

1. Go to Global Solar Atlas Website
2. Enter geographic coordinates of site
3. Choose the medium size commercial option
4. Toggle PV system configuration based on site characteristics and record annual PV output
5. Download report
6. Record monthly PV output from report

1. Go to Global Solar Atlas Website

Go to https://globalsolaratlas.info/map



2. Enter geographic coordinates of website

Enter geographic coordinates or address into address bar at top

3. Choose the medium size commercial option

- On the dashboard to the right, choose medium size commercial (bottom arrow).
- Note that the dashboard already provides an estimate of the locations PV output per kWp (top arrow)

4. Toggle PV system configuration based on site characteristics and record annual PV output

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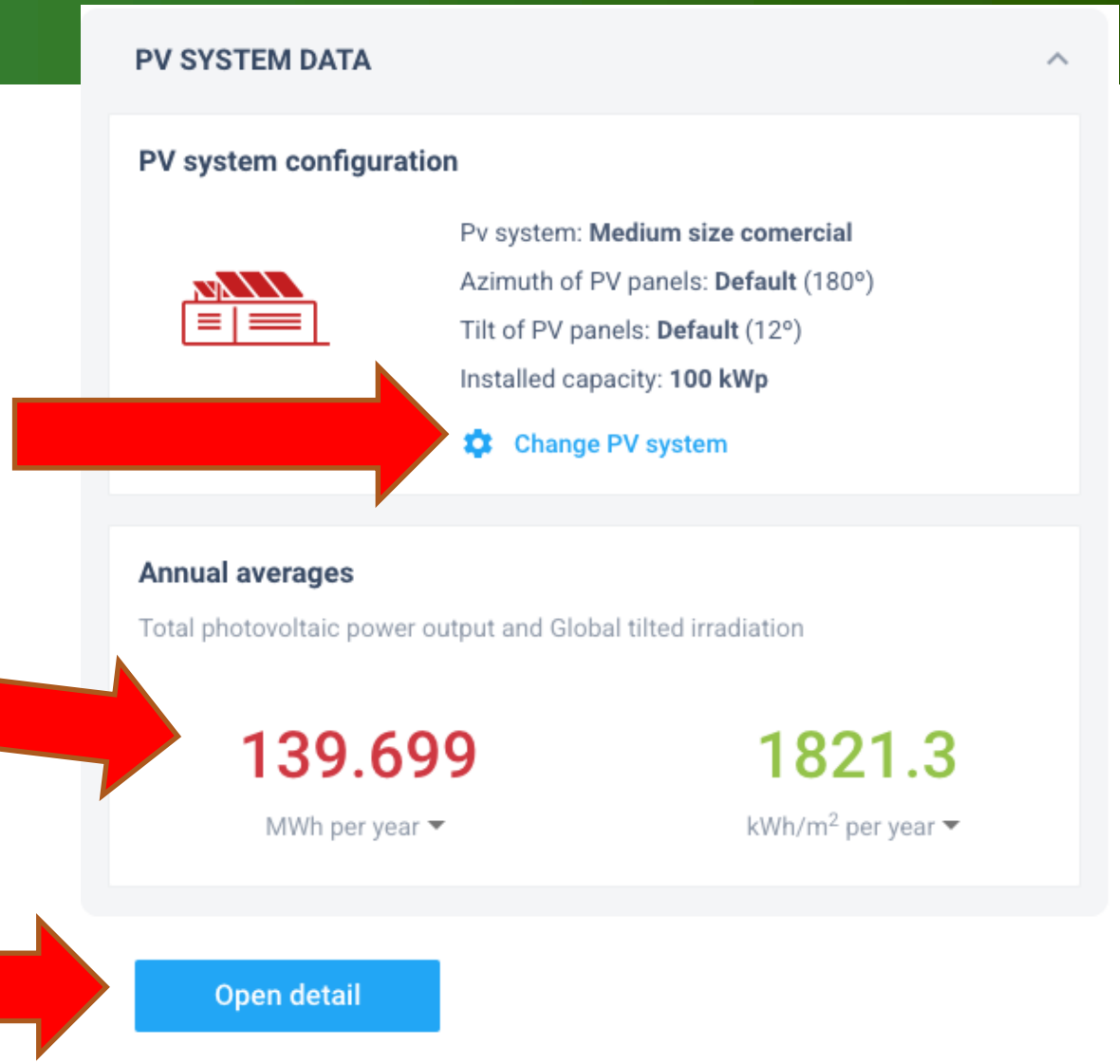
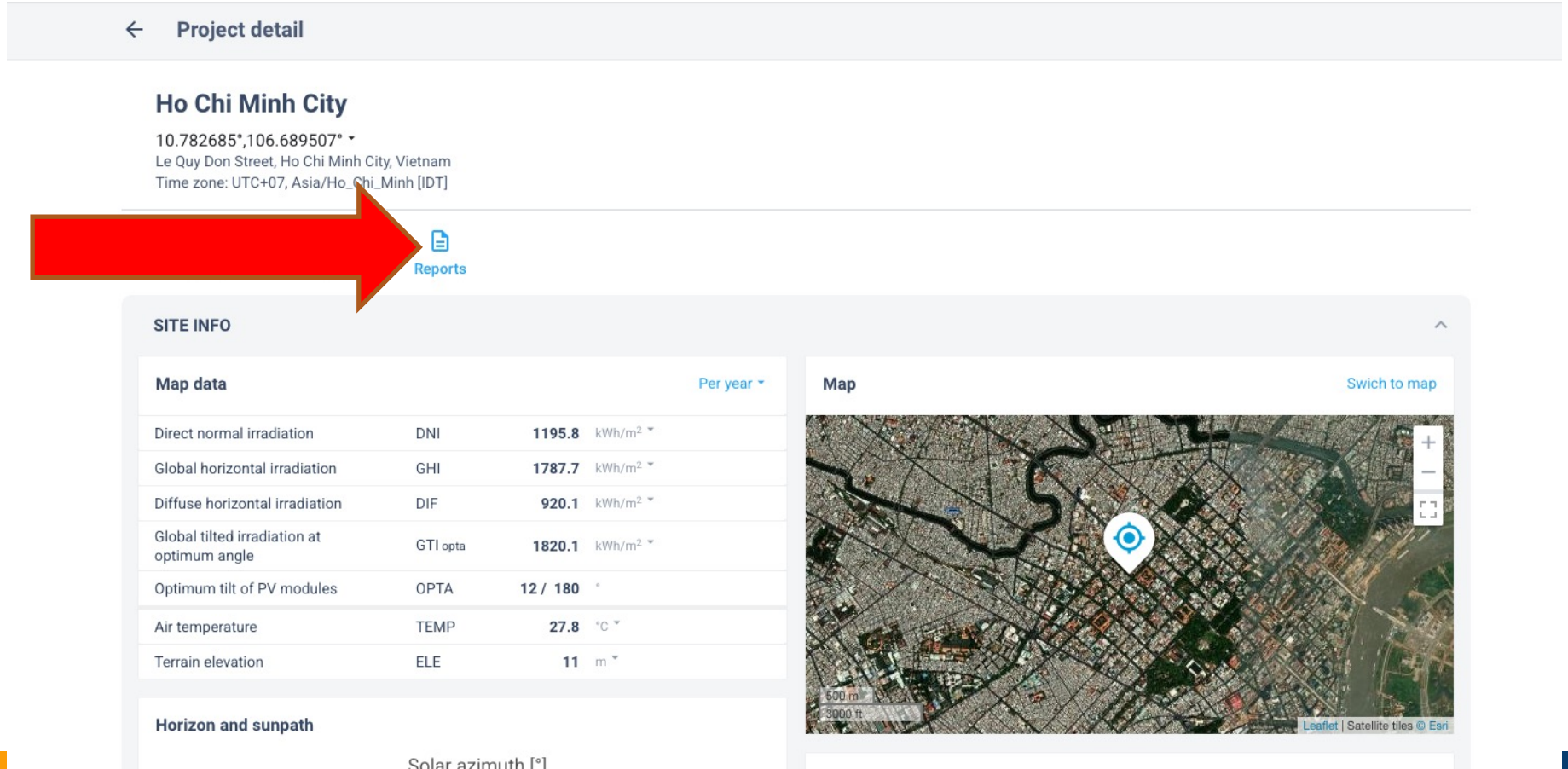
- Users can change the azimuth, tily, and capacity of the projected PV system by clicking “Change PV system” (top arrow)
- Users should record the total annual projected PV output (middle arrow)
- Users should then click ”Open detail” to get more detailed results (bottom arrow)



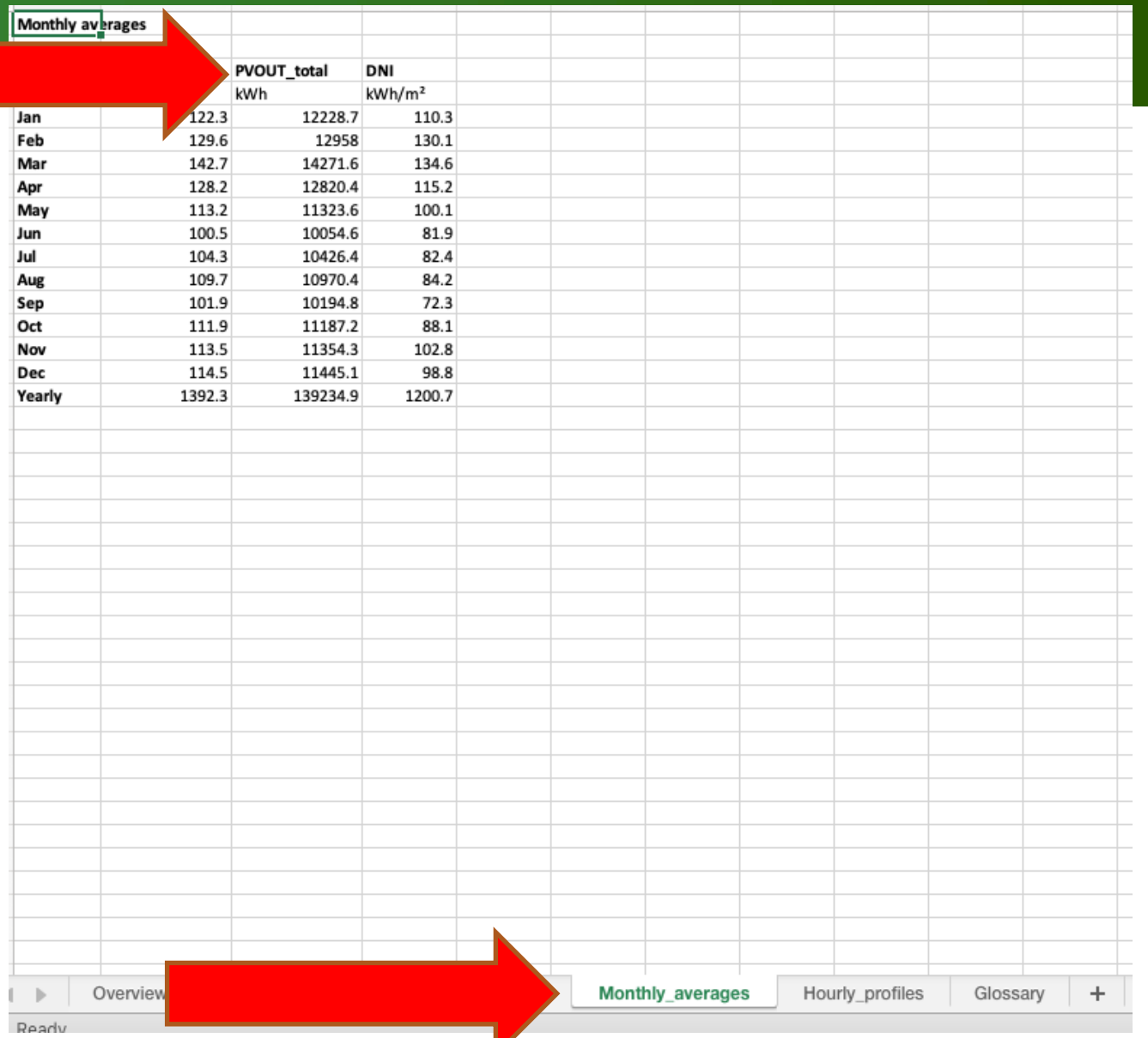
5. Download report

On the next page that comes up, users should click on ”reports to download the PV output report



6. Record monthly PV output from report

User should now go to the ”monthly_averages” tab in the downloaded report and record the monthly PV output under the “PVOUT_total” column



Monthly averages

		PVOUT_total	DNI
		kWh	kWh/m²
Jan	122.3	12228.7	110.3
Feb	129.6	12958	130.1
Mar	142.7	14271.6	134.6
Apr	128.2	12820.4	115.2
May	113.2	11323.6	100.1
Jun	100.5	10054.6	81.9
Jul	104.3	10426.4	82.4
Aug	109.7	10970.4	84.2
Sep	101.9	10194.8	72.3
Oct	111.9	11187.2	88.1
Nov	113.5	11354.3	102.8
Dec	114.5	11445.1	98.8
Yearly	1392.3	139234.9	1200.7

Overview | Monthly_averages | Hourly_profiles | Glossary | +

Ready

Congratulations!

Users now have both the annual and monthly PV outputs from Global Solar Atlas!