



CCREEE

CARIBBEAN CENTRE FOR RENEWABLE ENERGY & ENERGY EFFICIENCY

AN INSTITUTION OF  CARICOM



Solar PV Integration Training

Tuesday 11th May 2021



IRRP

INTEGRATED RESOURCE AND RESILIENCE PLANS

SUPPORTED BY



IMPLEMENTED BY





Integration of Solar PV system to the Grid

Your Speaker: Dr. Randy Koon Koon



Integration of Solar PV system to the Grid

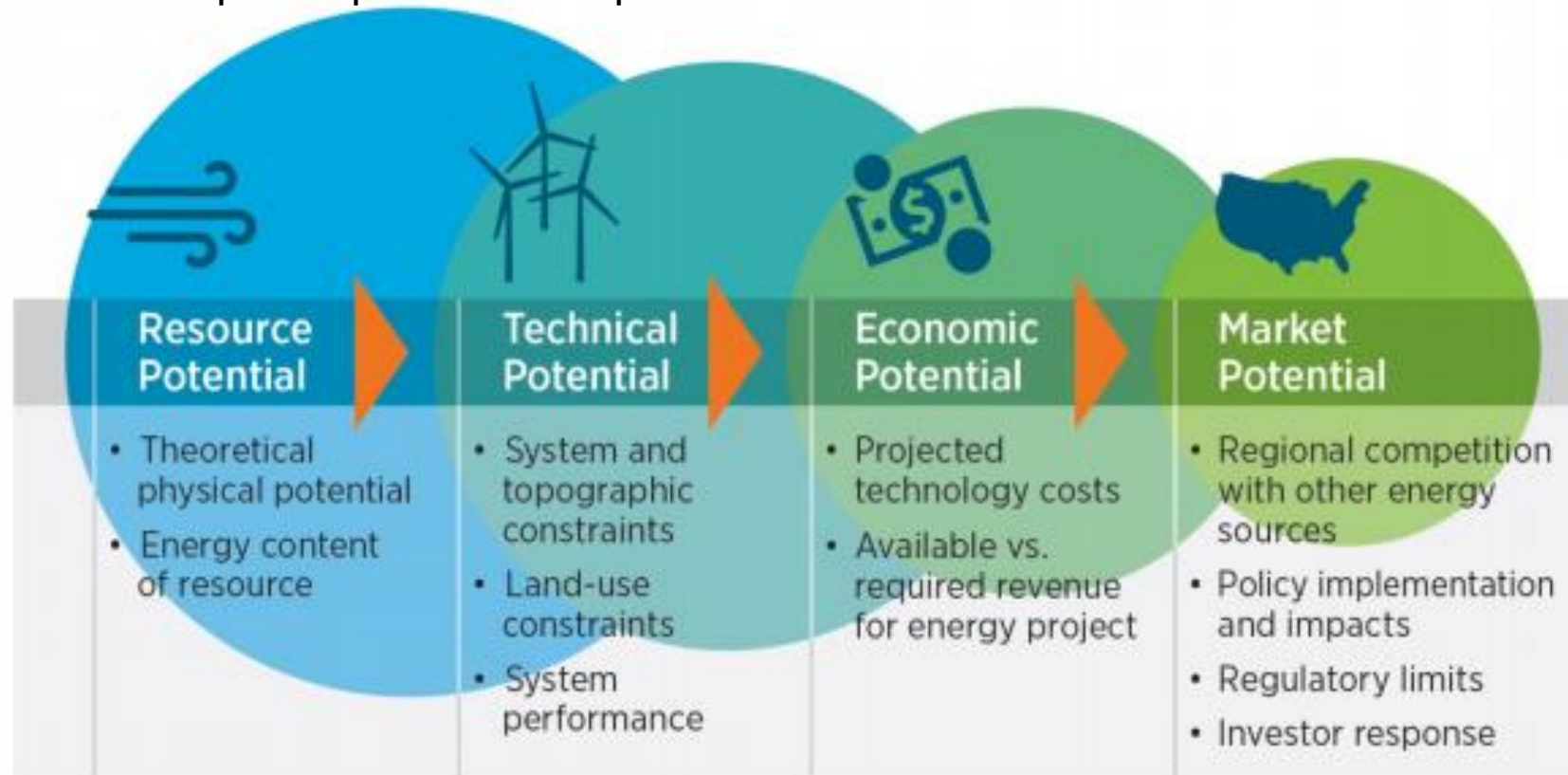


Estimating technical potential for solar PV integration from a system-wide level

The technical potential is a combination of the achievable power capacity (MW), energy generation (GWh), and suitable land area (km²) of a particular RE generation technology given system performance and topographic, environmental, and land-use constraints.

Q: What do it provide?

A: Technical potential provides an upper-boundary estimate of the renewable energy development potential in a particular area.



Hyperlink embedded into the image to the right!



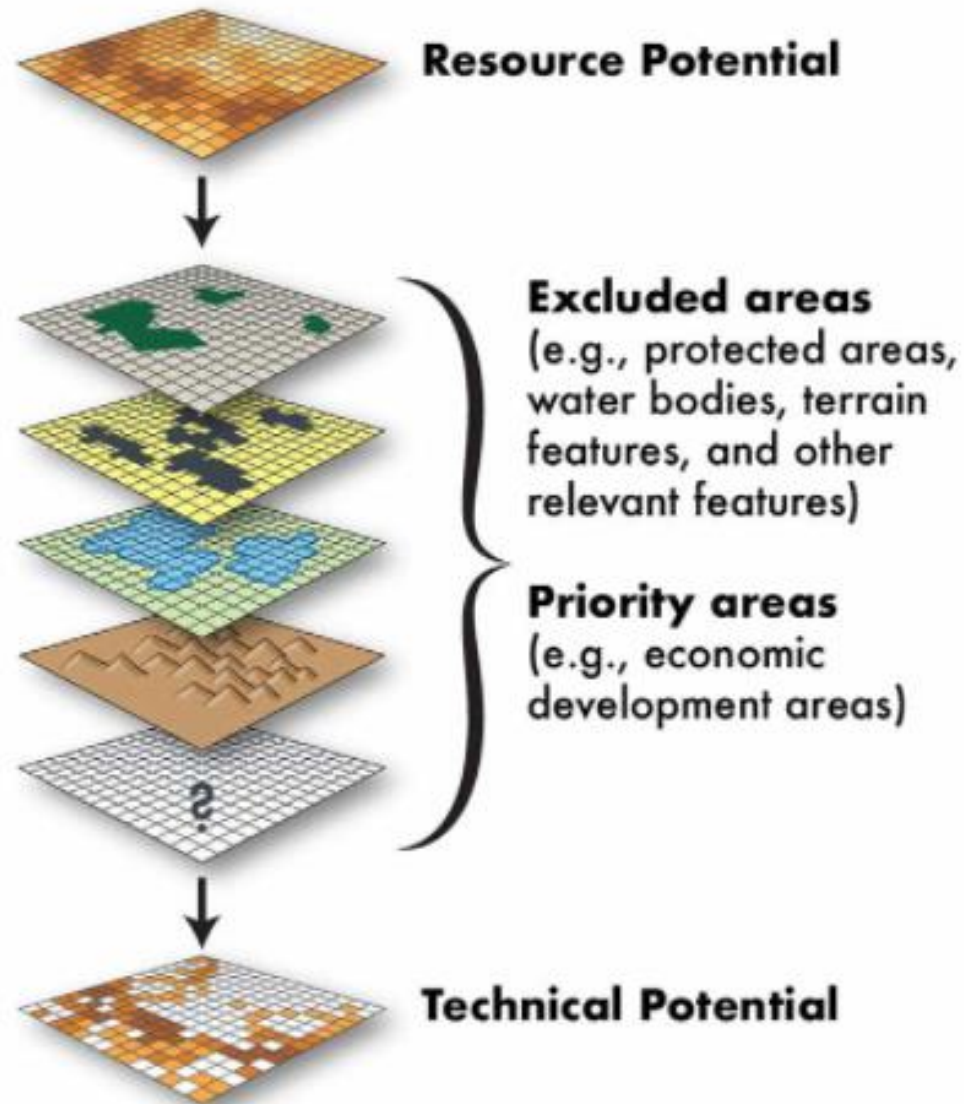
Integration of Solar PV system to the Grid



Solar resource estimation and analysing solar resource technical availability

Further analyses can build on the technical potential to evaluate renewable energy potential in relation to costs and other economic market considerations.

Let's attempt to understand the application of this through online mapping tools!!

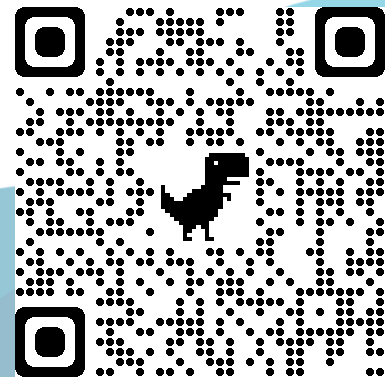


Integration of Solar PV system to the Grid

Solar resource estimation and analysing solar resource technical availability



Video 1 GOES HERE!

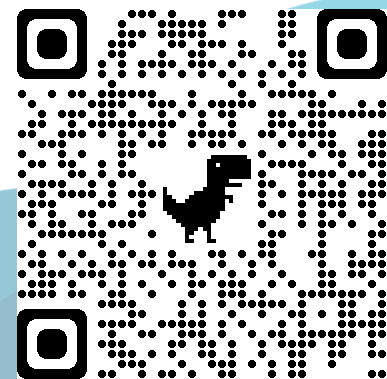


Integration of Solar PV system to the Grid

Solar resource estimation and analysing solar resource technical availability



Video 2 GOES HERE!



Integration of Solar PV system to the Grid

Solar resource estimation and analysing solar resource technical availability



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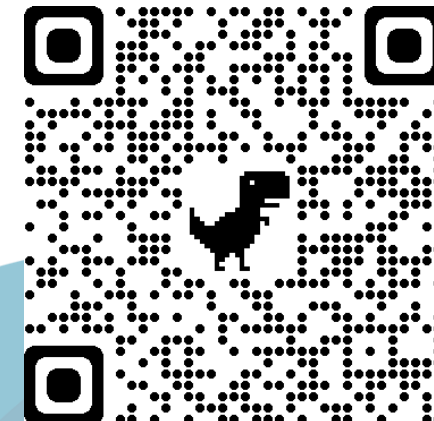
DOWNLOAD

Installation requirements

1. PVsyst is not meant to run on a server or on a Remote Desktop Client.
2. It has to be installed on the workstation where it will be used.
3. PVsyst runs only under Windows (with a virtual machine for others OS – VirtualBox, Parallels, etc).
4. The program works properly in full license mode only if the computer's date and time are correct and have never been modified. PVsyst is not liable if the program does not work because the computer's clock has been changed.

Required computer configuration

The hyperlink has been embedded



THE END

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