



iPanelKlean nA2



World's First Waterless Solar Panels Self Cleaning System

Disruptive | Patented



Founder
Suchin Jain

29th Feb 2024

Is Climate Change on top of your mind & do you find it disturbing?



Are you looking to
accelerate Climate
action through
Technology?

Do you know that Solar has the largest impact in carbon emission reduction, among building technologies?



Will you call it a significant development,

if we could further increase impact of solar

...and that too **substantially** ?

To improve something significantly one has to know its drawbacks..



That's the journey
that I embarked upon

...10 years **back**

When I started my research I learnt that
soiling losses being considered at **design & financial modelling stage**
were way less than the actual losses..

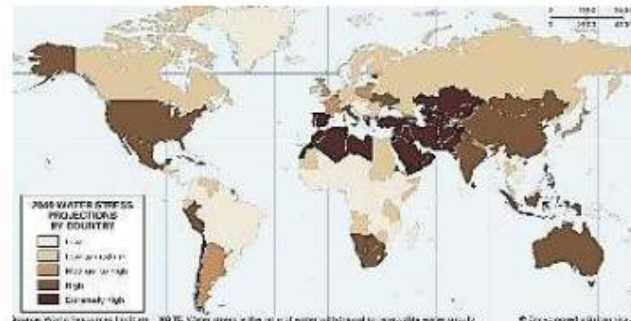


Because much
real time data was
not available

...at the time solar
gained **popularity**

My Findings (3 key reasons for loss of generation & ROI ..)

- **Dust** deposition (Loss upto 70%)
- **Water** scarcity (Banned by municipalities for washing purposes)
Water damages solar panels (Cool water over hot surfaces 100 degree)
OEMs recommend DM water for washing (But it is very expensive)



Third, highly disturbing & overlooked issue.

- **Life-Safety** of solar panel cleaning workers..

The pain they go through is best known only to them..



Risk of life due to..

- High voltage **DC** electrocution
- **Falling** while working

References:

In US (as per US bureau of labor statistics)
150 deaths happening every year.
6th most dangerous job in the world.

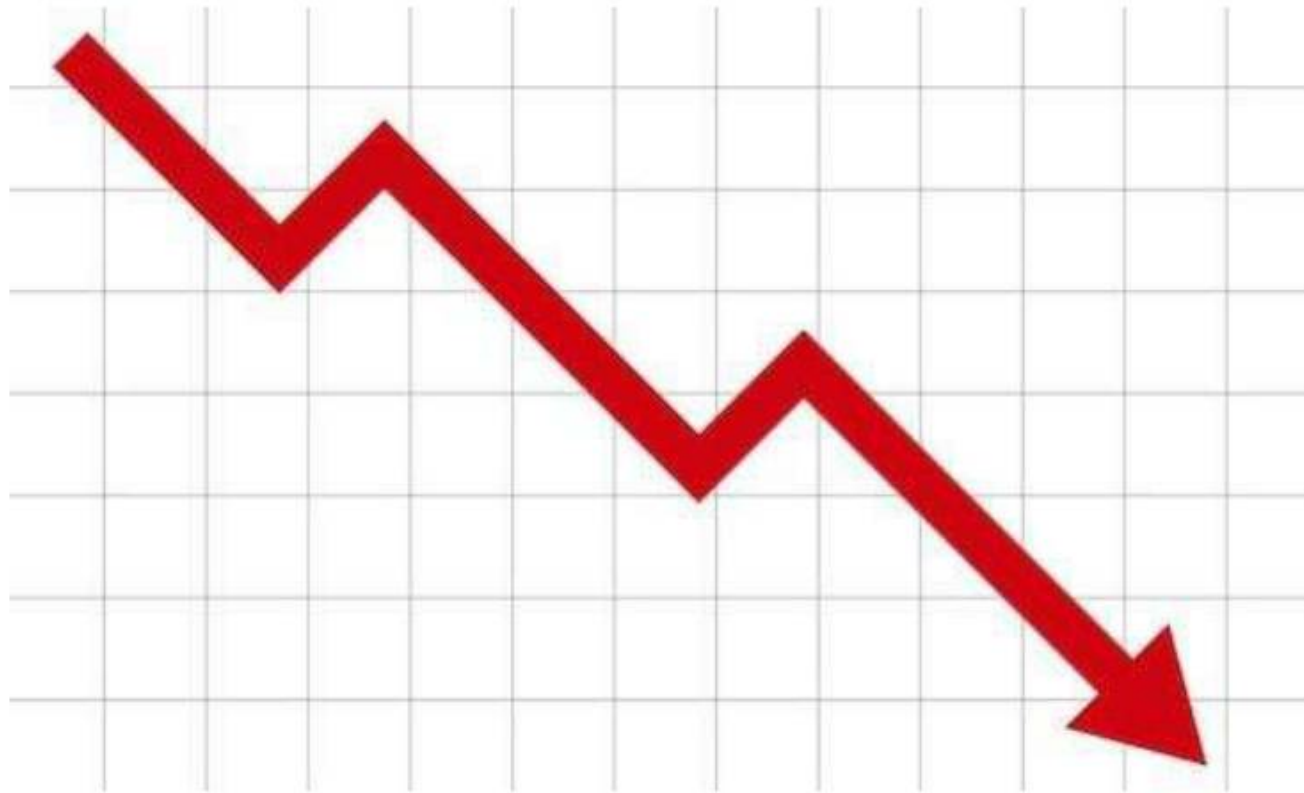
In India (as per NCRB report of 2020)
13000+ fatalities every year due to electrocution
10000+ fatalities due to fall from heights

Data on solar not known but solar being a growing industry will significantly add to these scary figures



Catch 22: Safety dept wont allow workers at night for cleaning panels and day time its not allowed by panel OEMs. So its a catch 22.

All this leads to **loss of ROI** to investors..



Resulting in..

M&As in utility
segment

Significant benefit
being missed in
rooftop **segment**

What if there could be a dream cleaning solution for solar panels..

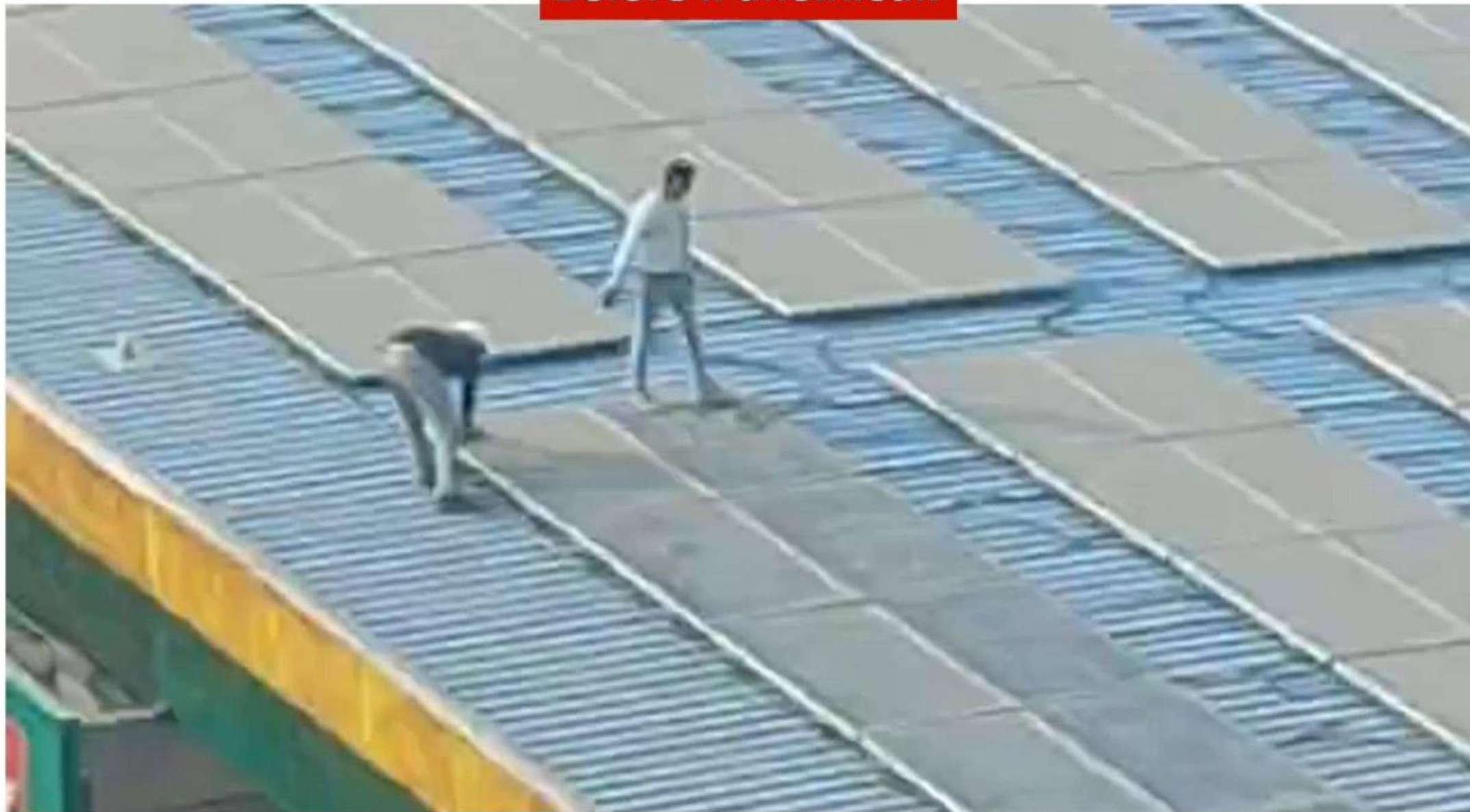


That would:-

- Not require water
- Not require manpower & be automatic



Before iPanelKlean



Now You Have Two Choices..

Option 1

- Continue to incur losses and run unsafe operations



Option 2

- Have iPanelKlean by your side & Gain
 - ✓ Upto 2X sustainability
 - ✓ Complete human Safe operations
 - ✓ Large ESG impact

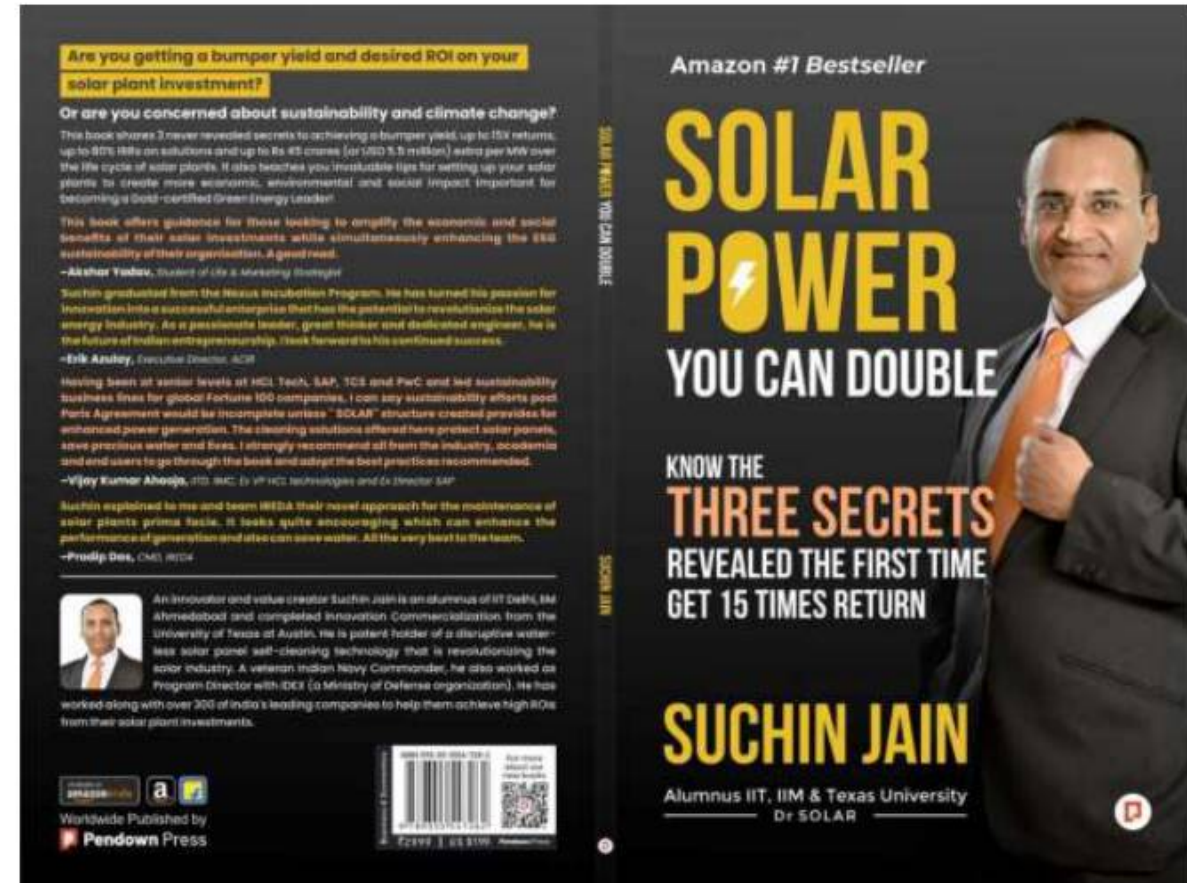
How many of you want to take serious **Climate Action**
in next 2 months?

Scan the Code below to receive more details of iPanelKlean..

Spreading Awareness



<https://forms.gle/Pp4T6TQNradz9V3s6>



Alternatively,
Send following message to my mobile number
+91 9910228861 :-

get book

Watch Videos here....

Problem Statement Video:	https://youtu.be/lHqBwRE3qm4
iPanelKlean in Operation:	https://youtu.be/yzfbwaRrAY4
Proof of Concept:	https://youtu.be/KpgSwqyWHrI
Founders Pitch:	https://youtu.be/GRhLdgQiqIQ
Before, After iPanelKlean & Impact:	https://youtu.be/TKfcOFdkdSs
Founders Pitch at JLL Innovation Fair 24 Bangalore:	https://youtu.be/u-kavRr6AzU



Suchin Jain
Founder & CEO

- ✓ **World's Class-Leading Technologist & Innovator**
- ✓ **A post graduate engineer & business manager.**
- ✓ **An alumnus of IIT D, IIM A & Texas University at Austin**
- ✓ **Ex defense officer**
- ✓ **10 years work experience in solar industry**

Key Solar Works

- ✓ **Feasibility study 2GW solar park**
- ✓ **India's First Solar Charged E Boat launched by our PM**
- ✓ **Installed hybrid solar plants**



Preeti
Woman Shareholder & Corporate Communicator

A post graduate with over 15 years of experience & expert corporate communicator



Dinesh Kumar
Advisor (Solar)

**IIT KGP
45 yrs exp in Power & Solar
Ex Dir NTPC**



Erik Azulay
Advisor (Business)

Director Nexus startup hub & ACIR



Pramod Kumar
Advisor (Law)

Ex-IAS, Supreme Court Lawyer

Thank you

***Advance Bookings Open**

(The Highest ESG Impact Technology)

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Our Core Team



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