

# TOP 10 TIPS

## FOR

# DEVELOPERS



# MEET OUR FOUNDER

John Davies CEng is a chartered engineer and has over 16 years of experience in the Energy sector. A former station manager of Uskmouth Power Station and Operations Director at Cobalt Energy, John has amassed a huge amount experience in power generation asset development, construction, commissioning & operation, and has operated at senior management & board level for over 10 years.

*“My journey has taken me from the black of fossil fuels to the clean & green of renewables. My passion is all things renewable & sustainable. I want to make a positive impact on the world by encouraging, educating, promoting & deploying emerging energy solutions to decarbonize our planet.”*



## WHERE DID THESE TIPS COME FROM?

Over the last two years our founder John Davies CEng has been working on his debut book which is set for launch on 3rd November 2021. During his research and picked up over the last ten years visiting over 10% of the UK fleet, John has created a suite of 'Top 10 Tips' pdf's which are referenced in his book and offer Developers, Asset Owners, Asset Managers, Policy Makers, EPC's, O&M's and TA's a condensed list of recommendations to make utility scale PV better. Whether that be improving operational assets, applying lessons learnt from the UK solar boom, or deploying quality focused services for the wave of subsidy-free new build sites. We would encourage you to apply as many of these recommendations as you can and share these pdf's far and wide. We hope you enjoy.

# TOP 10 TIPS: DEVELOPERS

## 1 Be more vocal in the sector

Developers in most cases have been in the market the longest. They have seen it all and know what works and what doesn't, so talk about it. Share more on LinkedIn, at conferences and within trade associations.

## 2 Lobby for reform

Push to be heard by policy makers and politicians. If they are using government vetted dinosaur consultants, make sure they know that the data they are using to create new policies is 12-18 months out of date and show them evidence of reality.

## 3 Develop responsibly, particularly in subsidy fuelled markets

Developers did extremely well from the UK solar boom, but they are doing things differently now a decade on. And that's because, they have learnt from their mistakes and shortcuts. The ripple effect can be very costly down the line.

## 4 Invest & champion end-to-end quality

Developers will openly admit that in the solar boom, quality assurance was non-existent when it came to procuring modules in particular. Who knows where your modules and cells came from, everyone was ignorant to the fact that this oversight would create a fleet of underperforming and vulnerable assets a decade on. Upstream & downstream quality management services are available, they are a complete no-brainer in terms of ROI and will contribute towards high performing and long-lasting assets for decades to come.

# TOP 10 TIPS: DEVELOPERS

## 5 Consider becoming an IPP

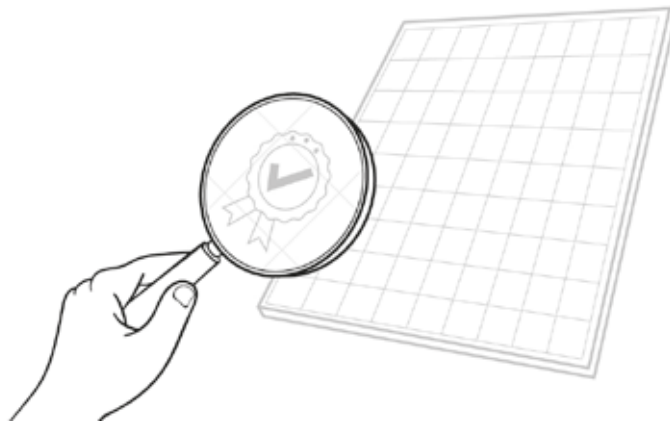
Invest in the whole process. Control quality, costs, profits and risk. Win a bigger piece of the pie!

## 6 Be wary of new markets

It may be like going back in time to the wild west. DNO's not having connected solar farms before, local authorities trying to demonstrate their strength, total lack of competence and experience from local contractors and government policies still back in the dark ages. This happened in the UK and took several years to smooth out these wrinkles. This time travelling will cost you extra time and money if you don't see it coming.

## 7 Design for operability and longevity

Far too many assets are crammed in with modules in portrait, and C and U string configurations, shading uses, flooding issues and price is the main driver. Look at the result of poor design and procurement in the general standard of the UK fleet. It's totally avoidable.



# TOP 10 TIPS: DEVELOPERS

## 8 Partner with specialists who can provide value

You may feel like you've been there and got the T-shirt, but technology & services have moved forward a lot in the last ten years. Seek experts to work with and engage.

## 9 Factor in commercial pressures

This could be raising interest rates, labour & materials costs, Brexit impacts, shipping constraints. Its getting harder to get all of the materials and items of equipment in line with your program, so factor this in to your plans and expenses.

## 10 Involve communities more

Whether this be public consultations, involvement with landowners and adjoining neighbours or the general public. This goes a long way in the community. We want solar to be a positive experience for all, so this pro-active community engagement makes a difference.



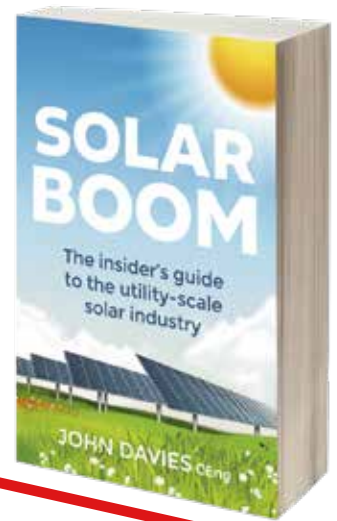
**Want to read more? Check out our Founder's debut book, due for launch 3rd November 2021**

# SOLAR BOOM BOOK LAUNCH

**The global demand for green energy has never been higher, and it's set to soar.**






There's never been a more critical time for us to harness the power of the sun, and with the world deploying solar photovoltaic (PV) technology more quickly than ever, we need to get it right.

Offering insights from the frontline of the utility-scale solar industry, Solar Boom sets out the pathway to success and how to avoid mistakes in your new-build pipeline, whether you're a solar newbie or a veteran.



**E-BOOK LAUNCH 3RD NOV**

Read this book to understand:

-  Who's who in the utility-scale solar industry
-  Strategies to revamp and repower your portfolios
-  How to enhance your ageing and underperforming assets
-  The key mistakes of the subsidy-driven solar boom and how to avoid them
-  The future of solar PV and its potential to save the world from the effects of climate change

## Book Testimonials

*"John's passion for renewables is highly contagious and his call to fight to save the planet is powerful. His inspiring book is particularly accessible to those with little to no knowledge of solar energy and gives great insight into the UK Solar Boom: the what, who and why. Buckle up and enjoy this solar coaster!"*

**Arnoud C. Klaren**

**Head of Projects, Quintas Advisory**

*"A comprehensive but easy to read book about the whole solar powered universe. Providing an in depth knowledge especially for those people entering the professional solar business."*

**Erik Lohse**

**Solar Quality Expert and Creator of the MBJ Mobile Lab**

*"A must read textbook for the utility scale Solar PV industry! John, articulates clearly and dives deep into the details, addressing the issues and providing applicable solutions. Whether you are a newcomer in the industry or a seasoned professional, this book is the one that you will always refer back to."*

**Ypatios Moysiadis**

**Wattcrop Managing Partner & City University Postgraduate Lecturer**

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If 2DegreesKelvin can add value, we will design an optimised solution bespoke to your requirements. If we are unable to assist, then we'd be pleased to make introductions to other independent specialists.

**Book your FREE 30 minute consultation with our Founder & CEO John Davies CEng.**



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