

TOP 10 TIPS

FOR

POLICY

MAKERS



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 of 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: POLICY MAKERS

1 Support solar PV more

Support & champion solar PV more than you currently are. Solar PV and wind are our two strongest plays to meet our NetZero goals, so you need to search for new ways you can encourage solar PV in a sustainable manner. Maybe not subsidies, but possibly influencing policy and planning to remove friction.

2 Government action required

Governments need to remove all direct and indirect subsidies and support for fossil fuel extraction, refining and manufacturing. How about replacing these with decarbonisation incentives.

3 Work with local authorities

Work with local authorities to ease planning constraints. We are not talking about free rein on planning, sites need to be developed responsibly, but the system still has multiple layers of friction which can be freed up.

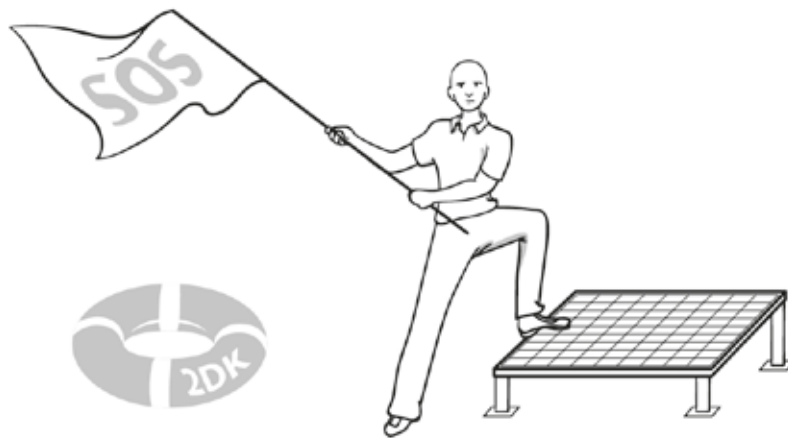
4 Work closely with DNO's

Work closer with DNO's to jointly invest in infrastructure upgrades to open up more capacity for decentralised energy generation.

TOP 10 TIPS: POLICY MAKERS

5 Champion decarbonisation incentives towards NetZero

Besides energy production, manufacturing heavy industries (including steel, cement & plastics), transportation sectors, agriculture and fishing all need decarbonisation incentives to transmission extremely fast towards NetZero. Push for solar solutions in these sectors.



6 Start investing public money into solar

Currently it's a private equity dominant sector and solar PV could be a great investment for public service infrastructure in the years and decades to come. These could be match funded community schemes that the public have the chance to buy into a solar site local to them on a crowdfunding scheme.

7 Invest in skills and competency gaps

If solar PV deployment is to grow to new dizzy heights (currently building >1GW per year in the UK), then we need newly skilled and trained personnel, supported by government supported schemes and grants.

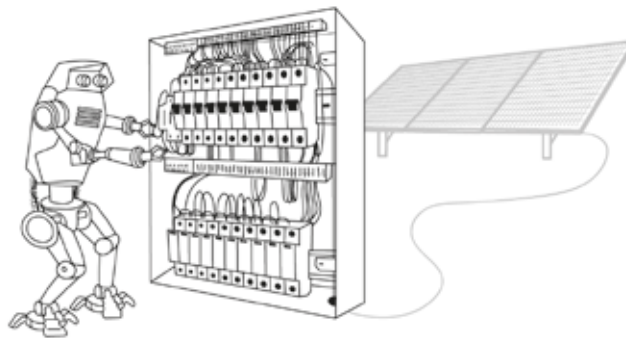
TOP 10 TIPS: POLICY MAKERS

8 Carbon Emissions Taxes need a thorough review

Renewables need to become frictionless, and fossil fuels need to be heavily loaded. Carbon credits currently are difficult to trade freely and cannot flow internationally. If an international carbon system could be developed where all the world's leaders committed to it, then this would have a massive impact. The 'polluter-pays' principal.

9 Invest in innovation

Through grand schemes the government can initiate a NetZero grant fund for start-ups and needle movers in this space. Not only that, but they can work on making it an easier and less arduous process. We've done it with the covid bounce-back schemes, and now we need to do it to support our efforts against the climate emergency. Maybe insist that all corporations need to be climate neutral or pay a shortfall-tax. We are a small climate neutral start up, why can't everyone else do it?



10 Seek advisors from the industry

Its essential that the government invest in onboarding reputable and experienced solar professionals from the sector to advise them on their ongoing policy strategies. Listening to leaders in the sector could have saved the government billions during the solar boom. Look to reform the way you procure services from experts. You don't need to be a massive corporate consultancy who has provided the government with advice for decades, but the government need to engage with key people of influence, thought leaders, trade bodies and specialist service provides so they are best informed.

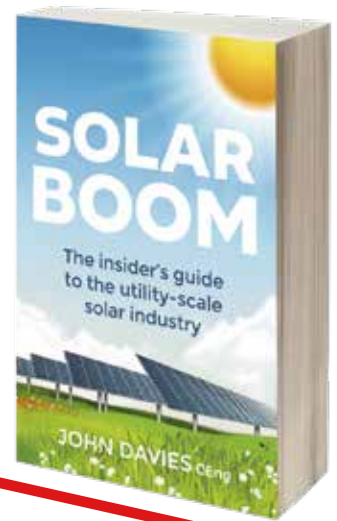
Want to read more? Check out our Founder's debut book, due for launch 3rd November 2021

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

BOOK YOUR FREE CONSULTATION

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.



info@2degreeskelvin.org

Want to keep track of 2DegreesKelvin? Sign up to our newsletter for interesting insights in the utility-scale solar industry, by going to 'Talk to an Expert' on our website with the link below.



<https://www.2degreeskelvin.org/>



<https://www.linkedin.com/company/2degreeskelvin/>



https://www.youtube.com/channel/UCxg46deuZITGb8WHG_1XSFg