# Introduction to the Global Wind Atlas

CLEAN ENERGY SOLUTIONS CENTER WEBINAR

NOVEMBER 20, 2018

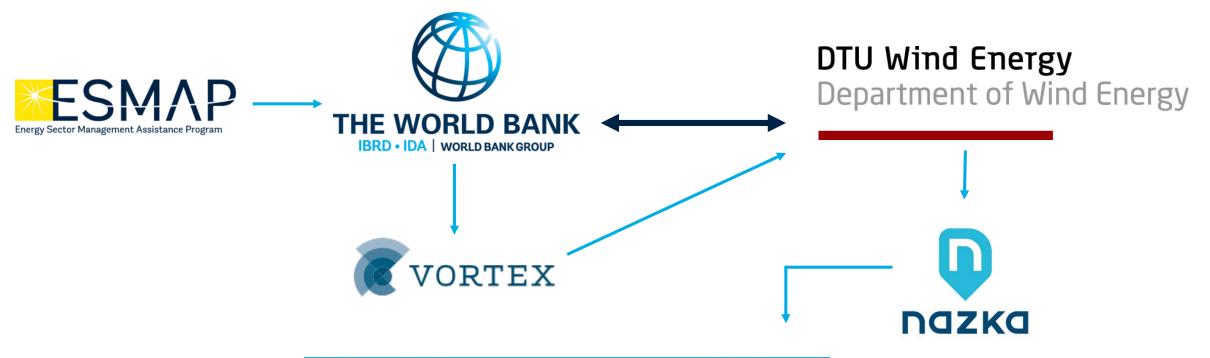
**Oliver Knight** 

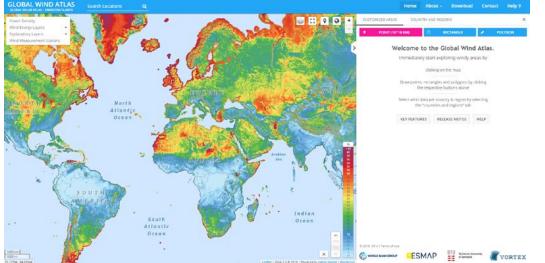
Senior Energy Specialist





## A unique 'public-private partnership'

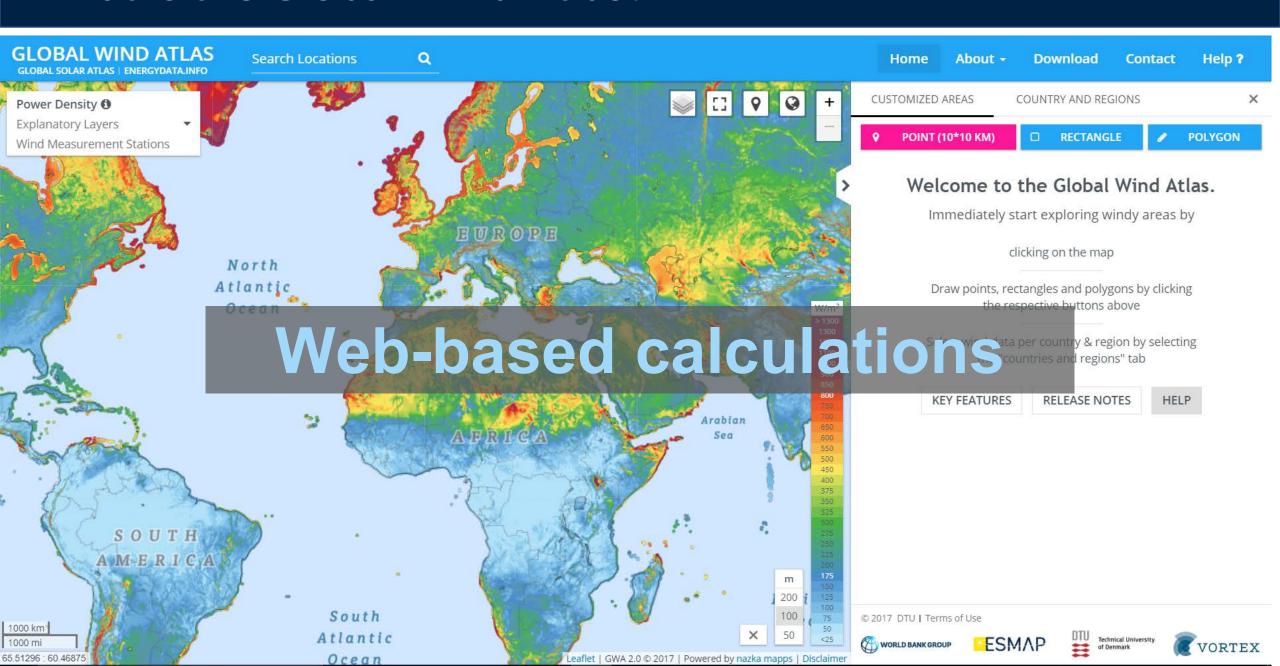




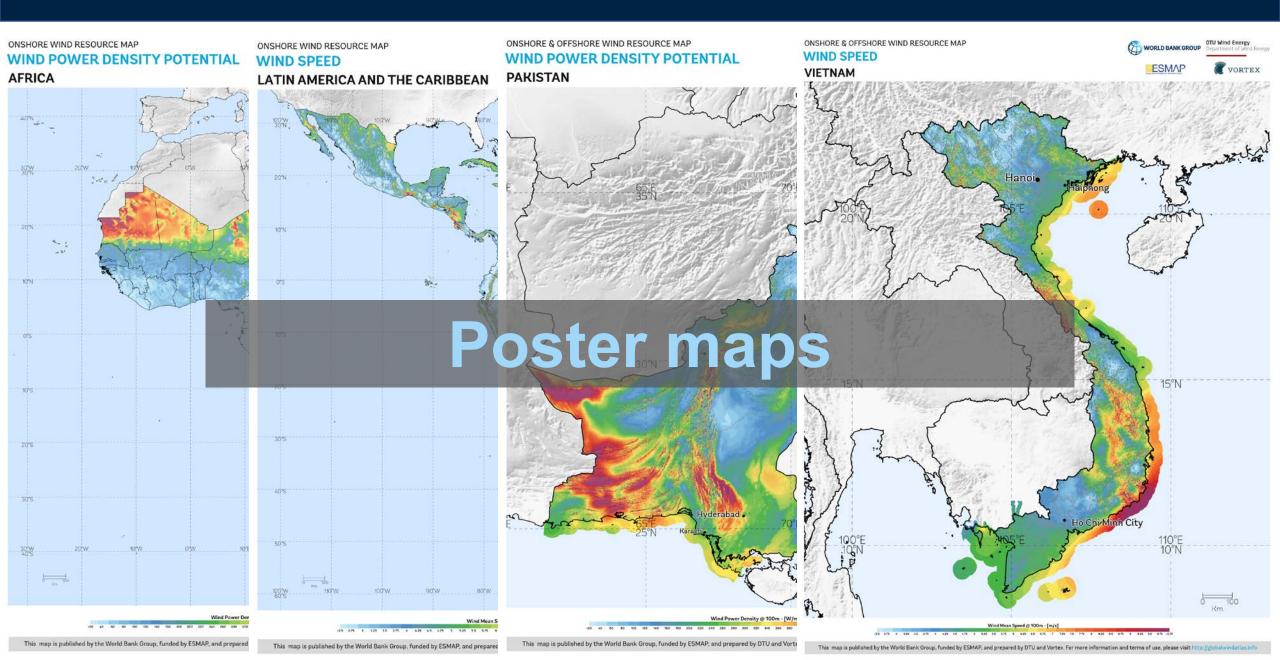




#### What is the Global Wind Atlas?



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Global Wind Atlas 2.0 (WRF 9-km) ix: 2896, iy: 1171 <coordinates>61.333,32.417,0.0</coordinates>												
5 5	12											
	0.000	0.030	0.100	0.400		500						
	15.0	50.0	80.0	100.0		0.0						
	48.92	4.03	3.61	8.20	8.10	2.86	0.58	0.27	0.31	0.21	0.48	26.52
	14.53	4.84	5.50	4.70	5.37	5.99	4.44	5.65	6.16	2.59	3.55	16.79
	2.631	2.451	3.221	2.338	2.467	2.037	1.287	1.342	1.596	1.002	1.416	3.377
	15.88	4.91	5.30	5.13	5.09	5.71	4.32	6.09	5.98	2.30	3.43	18.31
	2.752	1.779	2.600	2.311	2.096	1.775	1.186	1.264	1.252	0.830	1.189	3.541
	16.98	4.87	4.63	5.27	5.19	5.51	4.24	5.80	7.02	1.69	3.03	19.66
	2.889	1.361	1.877	2.252	1.975	1.658	1.096	1.104	1.264	0.666	0.986	3.943
	17.55	4.94	3.97	5.24	5.42	5.37	4.35	5.90	7.47	1.69	2.81	20.21
	2.920	1.295	1.498	2.186	2.088	1.658	1.131	1.119	1.307	0.646	0.936	3.971
	19.25	5.05	2.53	3.25	5.63	5.33	3.29	3.70	7.13	1.46	2.13	19.65
	3.029	1.170	36.1	1/205	1.623	1.701	0 000	P 218	<b>115</b>	0.588	0.795	3.033
	18.39	3.35	1 91	. 5	6.4		. 38	31	<b>T</b> 110		0.73	56.16
	7.89	3.90	19		4				1.4		4.17	12.66
	1.529	2.584	2.568	2.072	2.002	1.408	1.221	1.451	1.123	1.002	1.721	3.080
	9.60	3.83	4.64	4.21	4.68	4.22	4.29	6.26	4.41	1.86	4.06	14.48
	1.709	1.877	2.662	2.244	2.029	1.479	1.221	1.557	1.189	0.877	1.404	3.295
	11.17	3.97	4.68	4.77	4.94	4.58	4.34	7.11	4.36	1.88	3.80	15.97
	1.932	1.553	2.439	2.322	2.107	1.561	1.201	1.568	1.018	0.807	1.318	3.588
	11.97	3.96	4.44	5.09	5.25	4.73	4.30	7.19	4.39	1.70	3.37	16.71
	2.057	1.389	2.064	2.396	2.205	1.592	1.182	1.467	0.975	0.756	1.186	3.729
	15.51	4.45	3.08	4.75	6.87	5.18	3.96	6.35	5.62	1.49	3.15	18.58
	2.510	1.240	1.377	1.639	2.135	1.670	1.115	1.123	1.029	0.697	1.072	3.592
	18.39	3.35	4.91	9.05	6.41	1.62	0.38	0.31	0.27	0.23	0.73	56.16
	7.09	3.51	3.77	3.19	3.98	3.45	3.54	4.61	3.05	1.64	3.75	11.36
	1.525	2.568	2.561	2.064	1.990	1.400	1.213	1.443	1.115	0.994	1.713	3.080

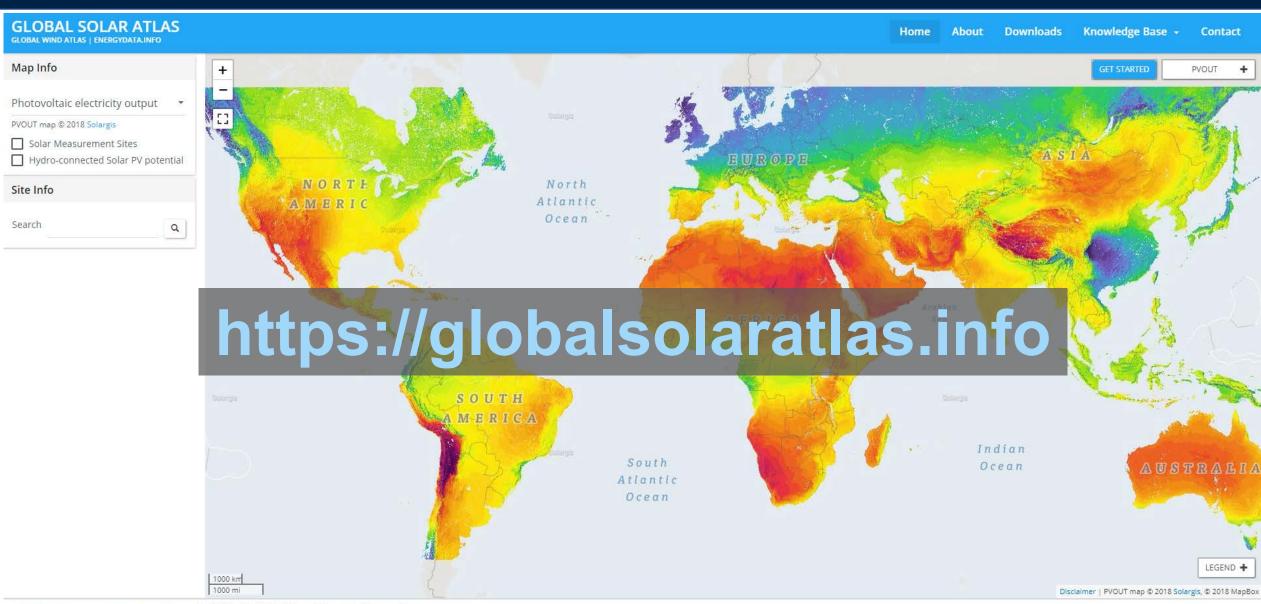




## A growing user base



#### **Global Solar Atlas**

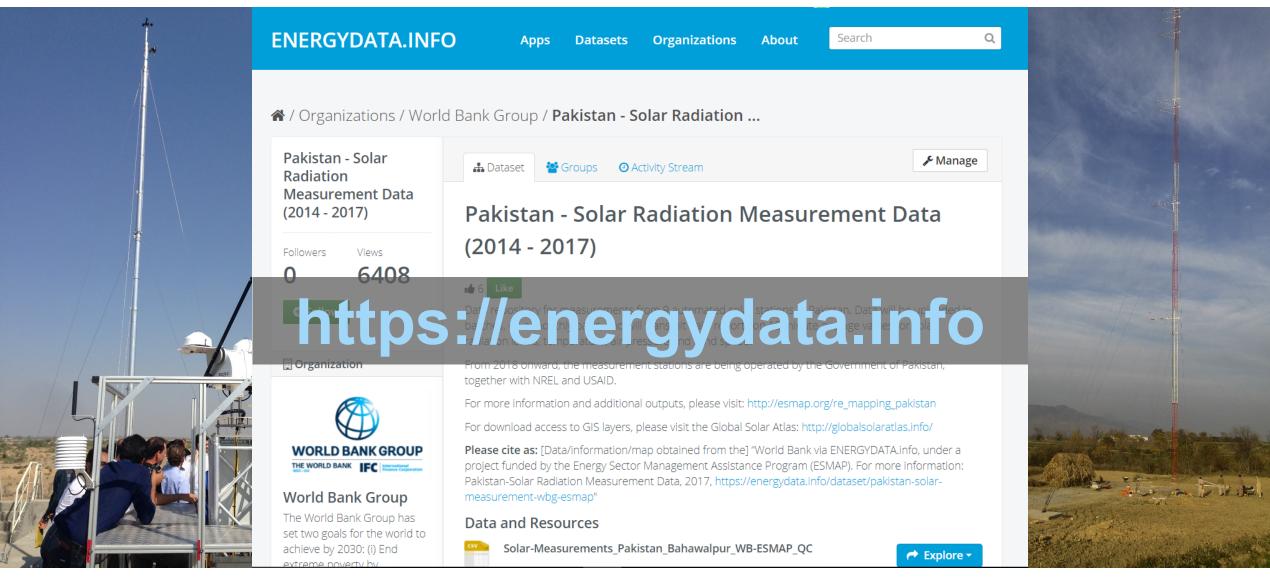








#### **ENERGYDATA**







## Thank you for your dissemination!



