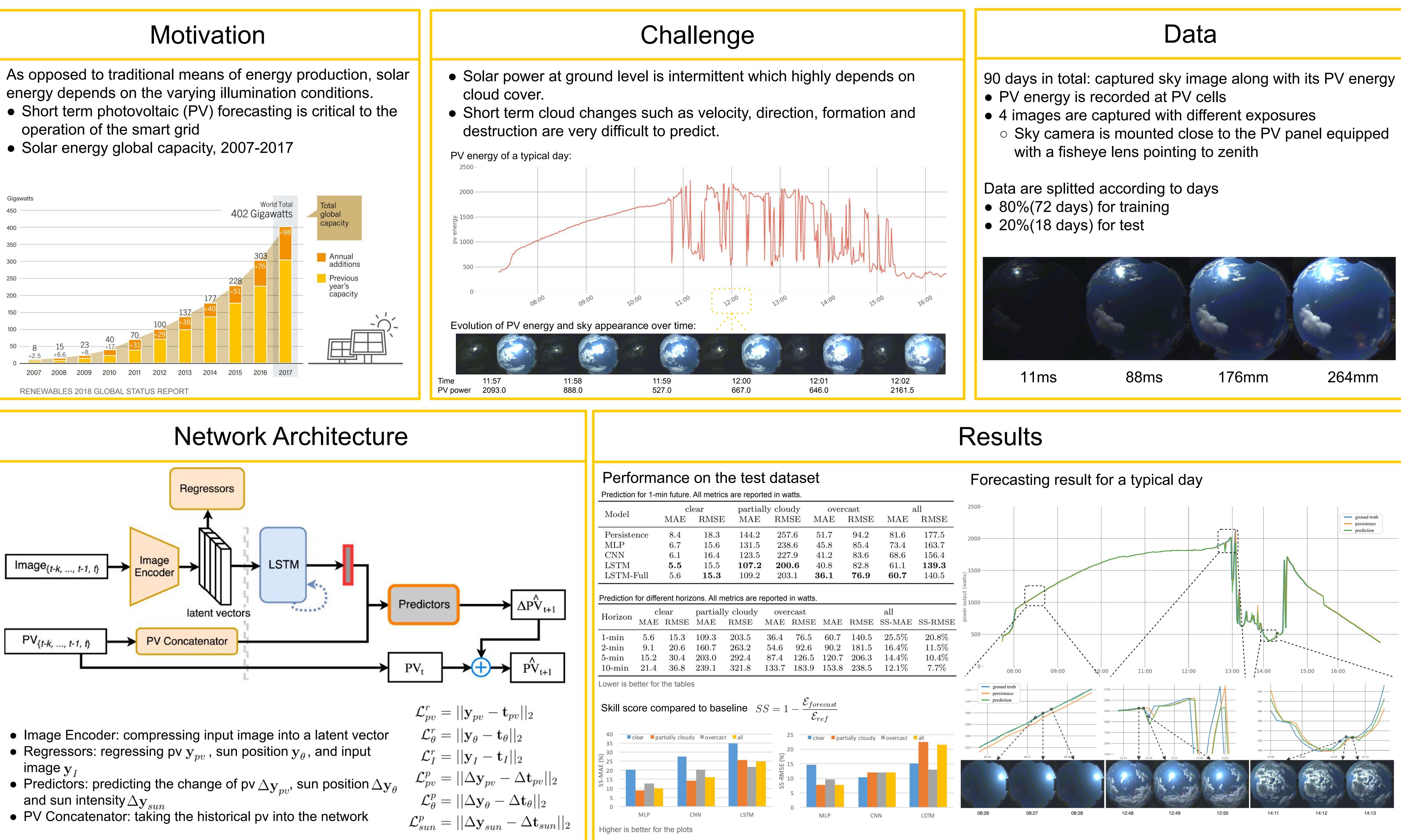
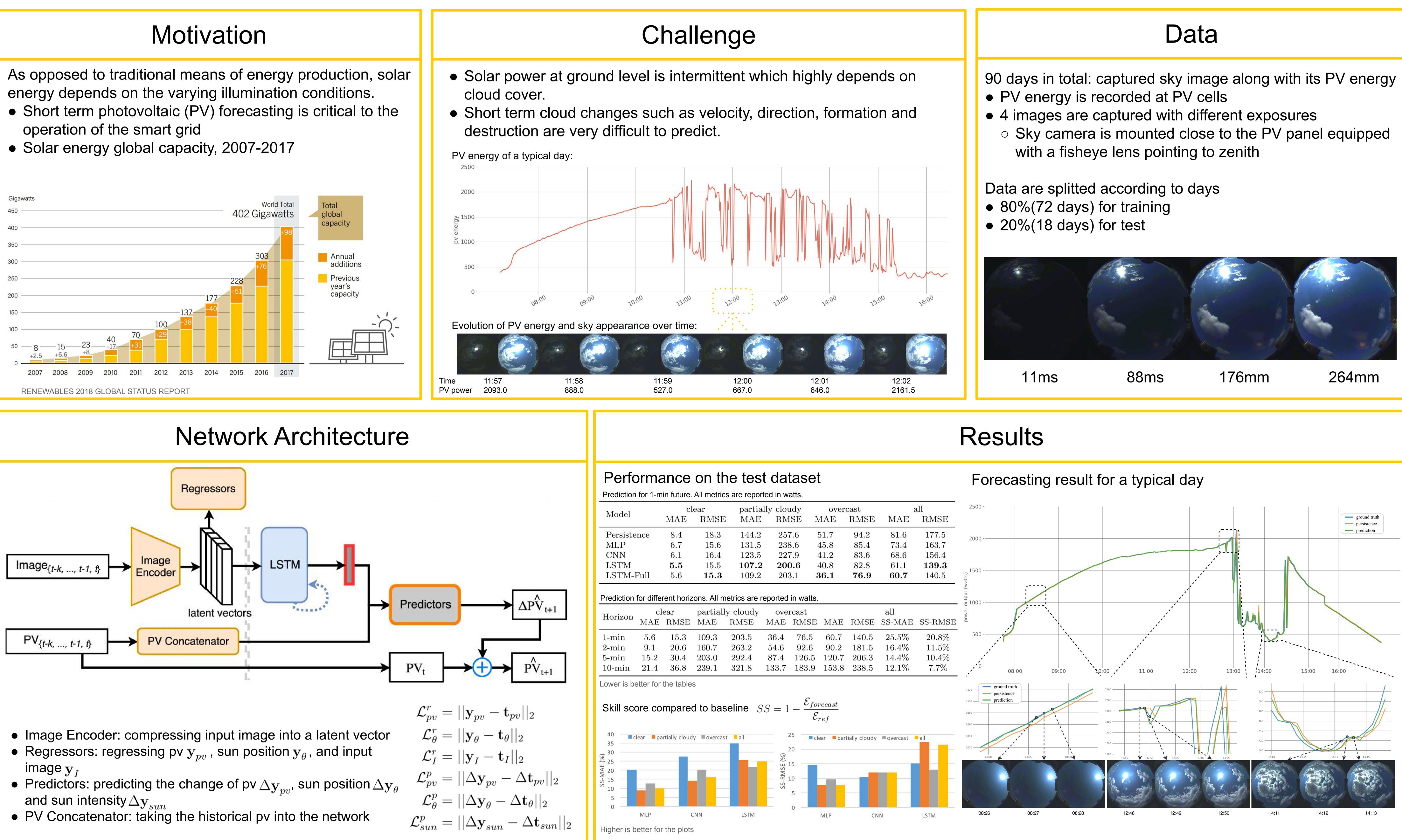


- operation of the smart grid





Deep Photovoltaic Nowcasting

Jinsong Zhang[†], Rodrigo Verschae[§], Shohei Nobuhara[‡], and Jean-François Lalonde[†] [†]Université Laval, [§]Universidad de O'Higgins, [‡]Kyoto University

reported in watts.										
artially cloudy		overcast		all						
IAE	RMSE	MAE	RMSE	MAE	RMSI					
44.2	257.6	51.7	94.2	81.6	177.5					
31.5	238.6	45.8	85.4	73.4	163.7					
23.5	227.9	41.2	83.6	68.6	156.4					
07.2	200.6	40.8	82.8	61.1	139.3					

are reported in watts.										
udy SE		rcast RMSE	MAE	RMSE	all SS-MAE	SS-RMS				
.5 .2 .4 .8	$36.4 \\ 54.6 \\ 87.4 \\ 133.7$	$76.5 \\ 92.6 \\ 126.5 \\ 183.9$		$140.5 \\181.5 \\206.3 \\238.5$	25.5% 16.4% 14.4% 12.1%	$20.8\%\ 11.5\%\ 10.4\%\ 7.7\%$				