

Installation of 20 kW Wind Solar Hybrid System at Nagarbhavi

In line with CSIR-NAL's mandate to translate aerospace technologies for societal benefits, a 20 kW Wind Solar Hybrid (WiSH) system has been successfully installed and commissioned as part of the Fast Track Translational project initiatives. The system consists of a 10 kW NALWIN Wind Turbine and 10 kW Solar PV panels. Karnataka Renewable Energy Development Limited (KREDL), A Govt. of Karnataka Undertaking, has provided the land at Nagarbhavi, Bengaluru (Fig. 1).

Development of the 20 kW WiSH system is aligned with the "Make in India" and "Skill India" missions of the Government of India. Field trials have commenced and fine tuning of the system is underway. Several divisions at NAL including STTD, ACD, PR, KTMD & APMF have participated in this multi-disciplinary effort. Some photos pertaining to NAL staff visits to nagarbhavi site are shown in Figs. 2 & 3 .



Fig. 1 Location of CSIR-NAL's 20 kW WiSH system at Nagarbhavi, Bengaluru



Fig. 2 Director's visit to Nagarbhavi site on 11th Oct., 2017



Fig. 3. Visit of NAL staff & industry representatives on 8th Nov., 2017.