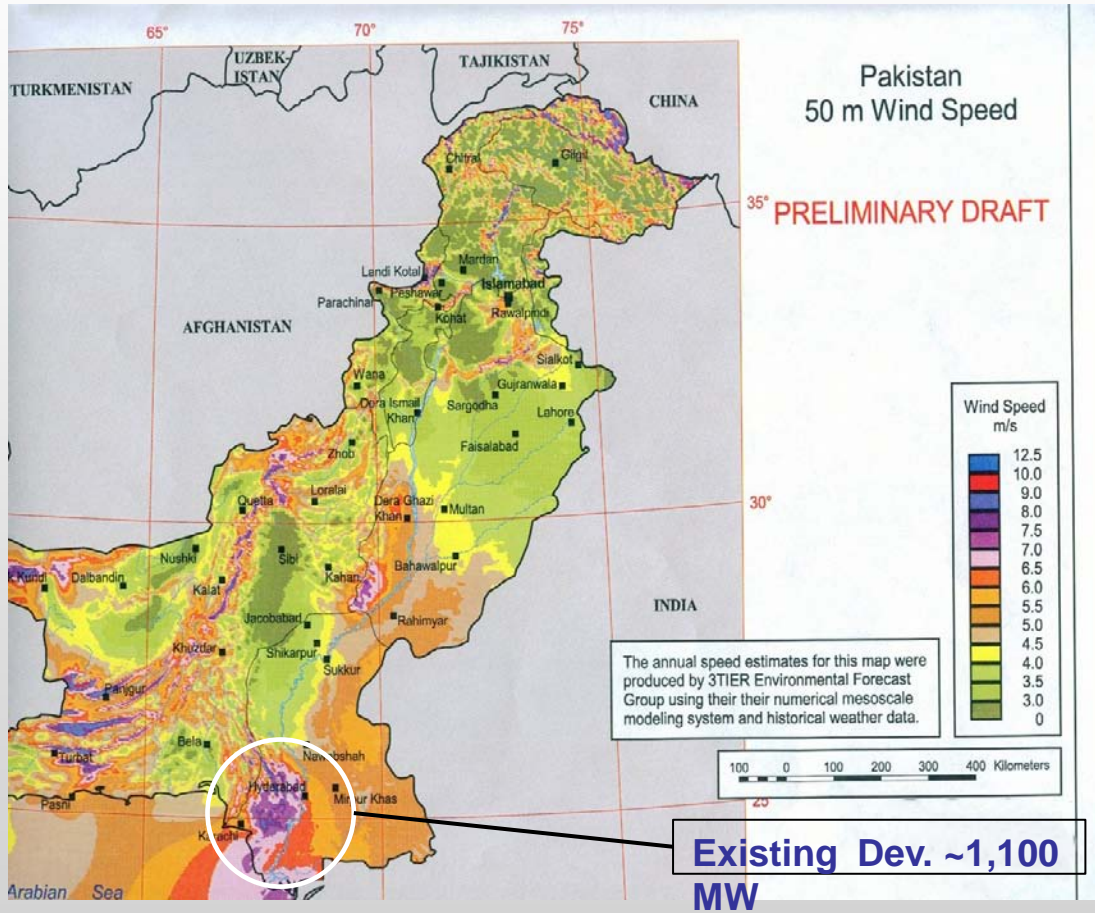


# Pakistan Wind Development Status



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# Wind Projects Pipeline

Wind Projects	Size in MW	Developer Name/ Turbine Solution	Comments
Feasibility Completed (40)	2,000	Various Chinese, Korean and Pakistani Sponsors	Moving to next stage (EPC contract negotiations, application for final tariff)
In pipeline (11)	556	Various Pakistani, Chinese, Korean and Turkish sponsors (Nordex/Goldwind/GE)	With EPC contracts signed/ tariff given
Under construction (2)	100	Zorlu (Turkish) & Fauji Fertilizer Company (Vestas/Nordex)	Financial Close Achieved; CoD December 2012
Installed in past 24 months	6	1 Project, Zorlu first stage (Vensys)	Has given comfort to investors, financiers and government regarding wind availability and region's production potential

## What can be done to accelerate wind development?

- Power purchaser concerns
- Work with provincial governments to clarify land use and acquisition policies for wind projects
- Streamline tariff process – pre CoD and post (including the appeal process)
- Allow for Rs/RMB-Euro exchange rate indexation for loans and O&M
- Develop policy, regulatory framework, documentation, and infrastructure for offshore wind power
- Streamline GoPak consents (SECP director's approval, share transfer, companies incorporation with Foreign Investment)

## New developments in terms of policy, tariff and other enablers

**ADB**

- Upfront tariff of ~14 cents/kwh announced; but needs work on the documentation
- Wind risk (7.3 – 7.4 m/s) taken away, however projects enjoy the upside
- Pre-CoD payments allowed (RoE and O&M) thereby incentivizing sectional completion
- All CERs go to Wind IPPs (rather than 50% share presently)