

TECHNICAL UNIVERSITY ON THE RIVIERA MAYA

Nature and technology in perfect harmony

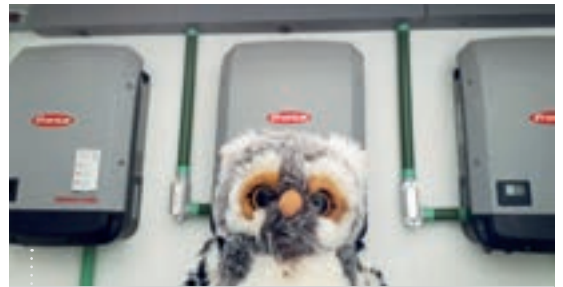
Playa del Carmen, Mexico: The Caribbean coast, the jungle and the technical university "Universidad Tecnológica de la Riviera Maya": that sounds like an interesting location for an efficient PV system! Since April 2018 the university has been operating a 225-kWp system equipped with Fronius Symo inverters.

The university is an excellent example of how technology can be seamlessly integrated into a natural environment. One of the drivers behind this project is an initiative by the state government of Quintana Roo to supply the state's citizens with green energy, but without causing any deforestation of the jungle. The large roof area of the technical university represented the ideal opportunity to increase the share of renewable energies in its overall energy needs.

The PV system is fitted with 15 Fronius Symo 15.0-3 208 inverters as well as sensors to measure temperature, wind speed and insolation. Thanks to the data generated by these sensors, the online platform Fronius Solar.web can be used to evaluate the system and uncover any defects extraordinarily quickly.

The university is also planning to install a Fronius Smart Meter to analyse production and consumption in even greater detail in a later phase.

SYSTEM DATA	PLAYA DEL CARMEN, MX
Size of installation	225 kWp
System type	Roof-top installation
Inverters	15 Fronius Symo 15.0-3 208
Commissioned	April 2018
Annual yield	365 MWh
CO ₂ savings / year	146 tonnes



24 hours of sun at the technical university in Mexico - that's exactly what I like to see!
You can find out more about me - Oscar the Owl - at www.24hoursofsun.com

