

# THE MILESTONES

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# AROUND THE WORLD WITH NO FUEL

40,000 km only powered by solar energy from Abu Dhabi, our departure and arrival Host City, to Oman, India, Myanmar, China, Japan, U.S.A, back to Europe and Abu Dhabi. As with all great firsts, there are no benchmarks. Solar Impulse 2 will have to do what no airplane has ever done before: fly days and nights without using any fuel to cross oceans from one continent to the next. Strategies have to be invented from scratch.

## MISSION CONTROL CENTER



**CAPCOM** is responsible for direct voice communications with the pilot.



**FLIGHT DIRECTOR** manages the team, and together with the pilots, takes the main strategic decisions.



**MISSION ENGINEERS** draw up the flight plan and monitor the aircraft's technical data.



**MATHEMATICIANS** calculate the flight parameters, taking into account meteorological data, amount of sunshine and air traffic restrictions.



**METEOROLOGISTS** analyze the weather forecasts to find a favorable routing for the flight.



**AIR TRAFFIC CONTROLLERS** coordinate the flight trajectory with regional control centers.

