

SOLARIMPULSE AROUND THE WORLD

S SOLVAY OMEGA Schindler ABB



An idea born in Switzerland

Solar Impulse 2 continues its historic Flight Around the World, bringing a message of clean energy and sustainability to China.



Chongqing (China), March 31, 2015 – Attempting the First Round-The-World Solar Flight to inspire innovation and encourage the use of clean technologies, the solar powered airplane of Bertrand Piccard and André Borschberg successfully landed at the Chongqing Jiangbei International Airport on Tuesday March 31st.

The airplane departed from Myanmar for the fifth leg of its epic circumnavigation on Monday March 30th at 3:36 am local time (9:06 pm GMT, [March 29]) with Swiss pilot Bertrand Piccard in command. The first ever single-seater solar plane to enter China, Solar Impulse 2 landed in Chongqing 20 hours and 29 minutes later, having covered 1,459 kilometers. Flying above the mountainous Chinese

provinces of Yunnan and Sichuan required the pilot to perform a steep climb at the beginning of the journey, and due to continuous flying at high altitude, the pilot had to wear an oxygen mask in the 3.8m³ unpressurized cockpit in which Bertrand Piccard faced temperatures descending to minus 20 degrees celsius. In addition, tackling strong low level winds in Chongqing made this flight one of the most challenging to date

Jean-Jacques de Dardel, the Swiss Ambassador to the People's Republic of China, welcomed the Solar Impulse team at the airport alongside Mr. Ai Yang, Deputy Secretary General of Chongqing Municipal Government. During its stay in China, and on the occasion of the 65th anniversary of the establishment of diplomatic relations between China and Switzerland, the Solar Impulse team will honor the strong ties between both countries while organizing a series of events demonstrating that innovation is the key to sustainable development. "Solar Impulse is an audacious adventure demonstrating typical Swiss innovative teamwork. I am glad it will henceforth have a Chinese content" said Swiss Ambassador Jean-Jacques de Dardel.

While the Round-The-World is an ambitious scientific project and barrier-breaking adventure, it is also an illustration of the importance of moving the world towards a future centered around clean, renewable energy. A vision which is shared by Solar Impulse Chinese Host Partners, CAST (Chinese Association of Science and Technology) and Sina. Together they will organize visits and conferences for schools and universities to spread the message to the young generation. The key event, involving 1600 students, takes place in Chongqing today at the Bashu Secondary School.

"China has become number one in wind power and in solar panel production, and if you look at how much efforts the Chinese government is making to increase the use of renewable energy to optimize the energy mix, there is no surprise that Solar Impulse is so well received in the country." Said the pilots Bertrand Piccard and André Borschberg, co-founders of Solar Impulse.

The Solar Impulse co-founders support numerous educational activities to show how clean technologies can change the world, among which is a web platform initiative (FutureIsClean.org) to create a movement gathering people taking concrete actions for a clean future.

LIU Yadong, Deputy Director General of China Association of Science and Technology said: "We are very glad to collaborate with Solar Impulse to popularize

edgy scientific knowledge among Chinese Youth"

As the only strategic media partner of Solar Impulse in China, SINA congratulates the pilot for the successful arrival in China during its RTW flight, said Vice President of SINA Mr. Wei Jianglei.

André Borschberg will be the pilot for the next flight to Nanjing.

The Solar Impulse Official App is now available in the Google Play and iTunes stores. Launched by Solar Impulse's Official Supplier WISEKey, the bespoke Swiss CyberSecurity company, the first version of the app is available in the Google Play and iTunes stores today, with more features to follow in future releases. WISfans technology, developed by WISEKey, synthesizes the Solar Impulse online community (YouTube, Facebook, Twitter, Instagram, website), bringing together curated content, and injecting exclusive additional content. The platform continually folds in new cutting-edge digital perks for the worldwide ecosystem to stay connected with the solar plane during the entire the First Round-The-World Solar Flight, including live flight telemetry streaming from the cockpit. Download the Solar Impulse Official App here:

<https://play.google.com/store/apps/details?id=com.wisekey.wisefans.solarimpulse&hl=en>

<https://itunes.apple.com/us/app/solar-impulse-hd/id963638162?mt=8>

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Information on flight:

Flight 5: Mandalay (Myanmar) to Chongqing (China)

Pilot: Bertrand Piccard, Initiator and Chairman of Solar Impulse

When: Take-off at 3:36 am local time Myanmar on March 30th, 2015 (9:06 pm GMT on March, 31st, 2015)

Landed at 1:35 am local time China on March 31st, 2015 (5:35 pm GMT on March 30th, 2015)

Flight time: 20:29 hours

Maximum altitude: 28,000 ft (8,634 m)

Maximum ground speed: 71 knots (133 km/h)

Flight distance: 742 nautical miles (1'459 km)

You can download information, photographs and B-roll footage in the press section of the Solar Impulse website: <http://press.solarimpulse.com>

Username: solar-impulse

Password: zerofuelairplane-2012

How to follow us:

The site www.solarimpulse.com is designed to follow the progression of the airplane Si2 during its travel around the world. SiTV will stream live the departure and arrival of Solar Impulse 2 on each leg. In addition to that, a virtual cockpit provides the telemetric of Si2 (altitude, speed, battery level, equipment on board, etc.).

iFrame SiTV for take-off Chongqing:

<https://www.youtube.com/watch?v=UEiQ1Fm4EwA>

iFrame SiTV for landing Nanjing:

<https://www.youtube.com/watch?v=Z1E--Tmtvaw>

iFrame virtual cockpit (widgets): <http://www.solarimpulse.com/widgets/embed>

Media contacts:

Solar Impulse

Media Relations Department

T. +41 58 219 24 60

E. press@solarimpulse.com

About #FutureIsClean

The platform www.FutureIsClean.org, was designed with the support of our web partner, Google, and aims to mobilize individuals, organizations, celebrities and politicians to confront the Conference on Climate Change of the United Nations (COP21), which will define the new Kyoto protocol in December 2015 in Paris. The goal is to establish the largest petition ever created to convince governments to implement technology solutions that are necessary. Every site visitor is asked to add their voice to the message "I want concrete solutions for a clean future" and share amongst their networks.

Join the movement: www.FutureIsClean.org

facebook.com/pages/Futureisclean/

twitter.com/futureisclean
instagram.com/futureisclean/
plus.google.com/u/2/b/115039143506159159145/115039143506159159145/posts

About Solar Impulse

The clean tech revolution: The zero-fuel airplane

Swiss pioneers Bertrand Piccard (Chairman) and André Borschberg (CEO) are the founders, pilots and driving force behind Solar Impulse, the first aircraft able to fly day and night without a drop of fuel – propelled solely by the sun's energy. With the Si2 aircraft, they will attempt the first Round-The-World Solar Flight in 2015. Supported by Main Partners Solvay, Omega, Schindler, ABB, and Official Partners Google, Altran, Bayer MaterialScience, Swiss Re Corporate Solutions, Swisscom and Moët Hennessy, this historic first aims at demonstrating that clean technologies can achieve the impossible.

After the original Solar Impulse Si1 prototype which holds 8 world records, Si2 engineers have designed and constructed a new single-seater aircraft made of carbon fiber. It has a 72 meter wingspan (larger than that of the Boeing 747) for a weight of just 2,300 kg, equivalent to that of a car. The 17,248 solar cells built into the wing supply electric motors (17.5 CV each) with renewable energy. The solar cells recharge four lithium polymer batteries totaling 633 kg each, which allow the aircraft to fly at night and therefore have virtually unlimited autonomy.

The Si2 Round-The-World flight kicked-off from Abu Dhabi (UAE), on March 9th, 2015. Since then, route stops included Muscat (Oman), Ahmedabad and Varanasi (India). The next destination upon departing from Mandalay (Myanmar) is Chongqing and Nanjing (China). After crossing the Pacific Ocean via Hawaii, Si2 will fly across the USA stopping in Phoenix, the Midwest, and New York City at JFK. After crossing the Atlantic Ocean, the final legs include a stop-over in Southern Europe or North Africa before completing the Round-The-World flight at its final destination in Abu Dhabi.

For more information, connect with Solar Impulse: www.solarimpulse.com

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<https://itunes.apple.com/us/app/solar-impulse-hd/id963638162?mt=8>

Tag @solarimpulse, use hashtags #solarimpulse, #RTW, #Si2, #FutureIsClean in any publication to push content

Information on Solar Impulse's chairman and co-founder Bertrand Piccard, is available at:

www.bertrandpiccard.com
facebook.com/piccardbertrand
twitter.com/bertrandpiccard

Information on Solar Impulse's CEO and co-founder André Borschberg, is available at:

andreorschberg.com
facebook.com/borschberg
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Schindler welcomes Si2 in China!
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