

## Silva2015, Excursion 2 to Oberdorf and Stans

## **Use of Wood for Buildings and Energy**

Friday 6 November 2015 (starts 08.00 at the railway station in Engelberg, finishes approx. 12.30 in Engelberg, possibility to take a train to Zurich Airport at 12.40 from Stans). Lunch packages will be offered. Maximal capacity: 30 participants

The excursion will be guided by Andreas Bacher and Sandra Limacher

The wood-fired energy facility of Nidwalden is a thermal power plant in which CO2-neutral, minimally polluting, and sustainable electricity and heat are produced from local wood. The facility consists of a woodchip heating system, wood gasification, and wood-fired combined system.

The Pilatus aircraft manufacturing company is the only Swiss enterprise that develops, builds and sells airplanes on every continent, from the Pilatus Porter PC-6 to the most sold single-engine turboprop aircrafts PC-12 to PC21. Currently, Pilatus is developing the PC-24 — worldwide the first business jet that can operate on short, dirt runways. Pilatus company has built its assembly hall in wood, as the forest that protects company grounds needs to be tended and regenerated. We will visit the final assembly hall where we can be impressed by the aircraft assembly under a wooden sky.

- 08.00 Departure from railway station Engelberg, travel to Oberdorf by bus
- 08.30 Arrival in Oberdorf, visit to the wood energy facility, Nidwalden. Introduction by Alois Amstutz, initiator and concept developer
- 09.35 Continuation to Pilatus aircraft assembly plant, Stans
- 09.45 Arrival at parking lot of Pilatus plant. Introductory video, tour of the factory
- 11.45 Return to Engelberg, stop off at Stans train station with possibility to take the 12:40 train to Zurich Airport
- 12.30 Arrival in Engelberg

Train from Stans to Zurich Airport (change train in Lucerne, stop in Zurich main station)

Bahnhof/Haltestelle		Zeit	Dauer Umst	t. Reise mit	Information	Preis
Verb	oindungen vom Fr, 06.	11.15				
Bah	nhof/Haltestelle	Zeit	Gleis Kante	Reise mit	Belegung	Bemerkungen
$\square$	Stans	ab 12:40	2			S-Bahn 4 21447 Richtung: Luzern
O	Luzern	an 13:02	14	S 4		▲
O	Luzern	ab 13:10	6	<b>=</b>		InterRegio 2648 Richtung: Zürich Flughafen
ত	Zürich Flughafen	an 14:13	2	IR		₹ FA