

Wetland treatment roof in Switzerland

Wetland roof Zofingen, Switzerland

Employer:
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Purpose:
Wetland roof for grey water
treatment, stormwater retention
and cooling of the building in Zofingen,
Switzerland

Type of building:
single-family house

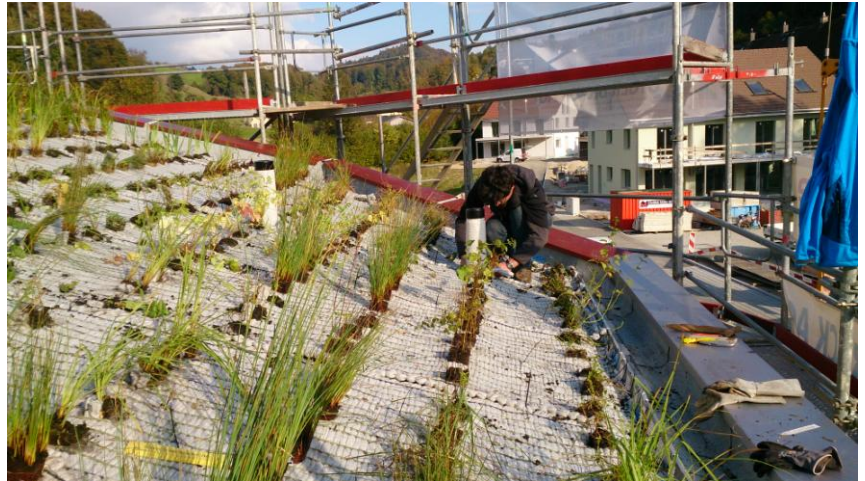
Roof area:
52 m², inclination 15°

Treatment cascade:
Buffer pond with planted regeneration zone →
filter system → water use for toilet flushing,
kitchen, washing machine → water storage
tank (4 m³) → pressure pipe to wetland roof →
backflow to buffer pond

Steering:
central PLC with temperature sensor

Start of operation:
October 2016

Marsh plants (helophytes), planted into special
water storage mats:
Carex ssp., Juncus ssp., Iris ssp. Lythrum ssp.,
Mentha ssp., Ranunculus ssp., Caltha ssp.,
Valeriana ssp., Lysimachia ssp., Rumex ssp.



Video file:
Interview with Mr. Michael Blumberg

http://www.amstadtbach-zofingen.ch/resources/11Oktober_Michael_convertvideoonlinecom.mp4

