

# Wetland treatment roof in Switzerland

## Wetland roof Zofingen, Switzerland

Employer:  
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Mühletalstrasse 79  
Postfach 929  
4800 Zofingen  
Switzerland

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

Type of building:  
single-family house

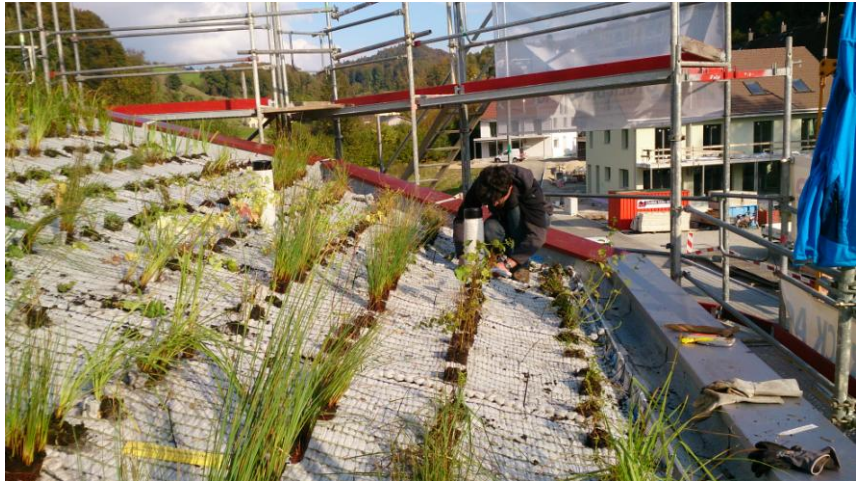
Roof area:  
52 m<sup>2</sup>, inclination 15°

Treatment cascade:  
Buffer pond with planted regeneration zone →  
filter system → water use for toilet flushing,  
kitchen, washing machine → water storage  
tank (4 m<sup>3</sup>) → 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](http://www.amstadtbach-zofingen.ch/resources/11Oktober_Michael_convertvideoonlinecom.mp4)

