







PROJECT AREA

CONSTRUCTION WORKS

MONITORING







Source: SW of Vienna

Mouth: Maria Lanzendorf /Schwechat

Lenght: 16km

European

Conference

River Restoration

Catchment: 11km²

 $MQ = 0.05 \text{ m}^3/\text{s}$

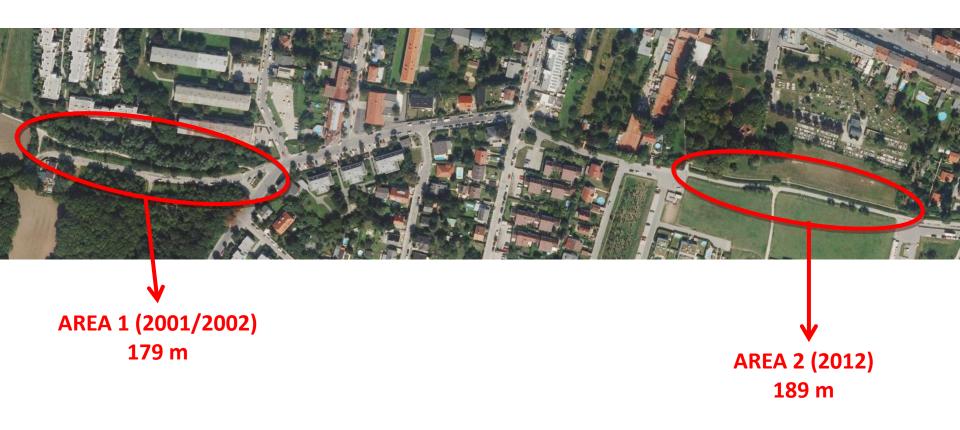
 $HQ30 = 12,2m^{3}/s$





PROJECT AREA









PROJECT AREA











nteraction

riparian vegetation morphology flow

bjectives

- > flood protection
- > habitat for animal and plants
- > recreation areas



Soil Bioengineering





SOIL BIOENGINEERING

SEE River

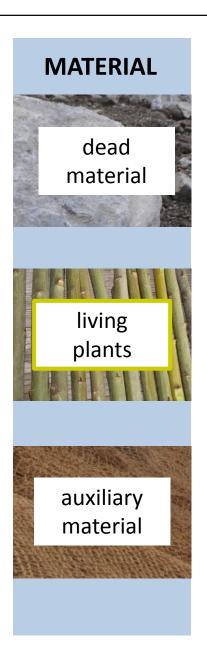
Soil Bioengineering





TECHNIQUE

SOIL BIOENGINEERING





Soil Bioengineering



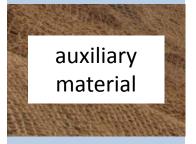


SOIL BIOENGINEERING

MATERIAL





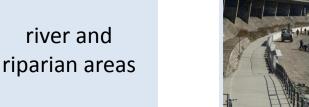


APPLICATION

slopes and gullys



above the timberline









Connecting River Restoration Thinking to Innovative River Management 6th Edition | 27–29 October 2014 | Vienna Integrated with the final event of the SEE River project









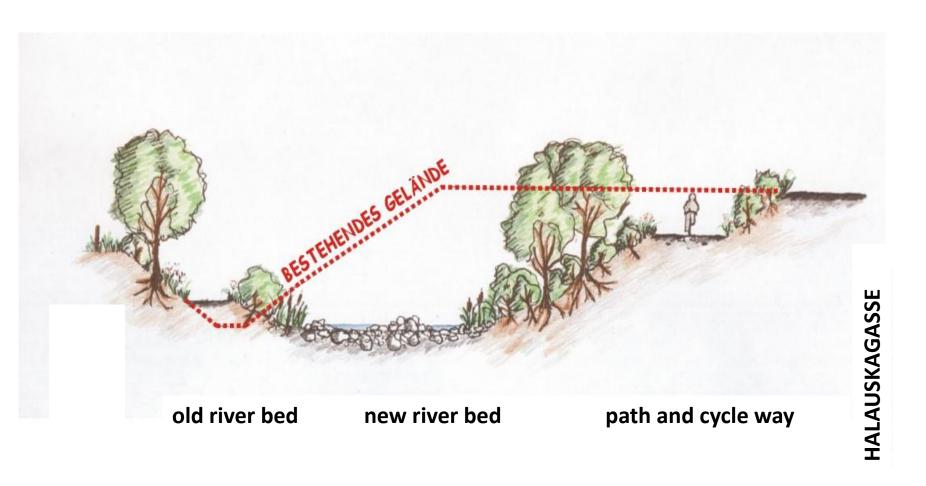










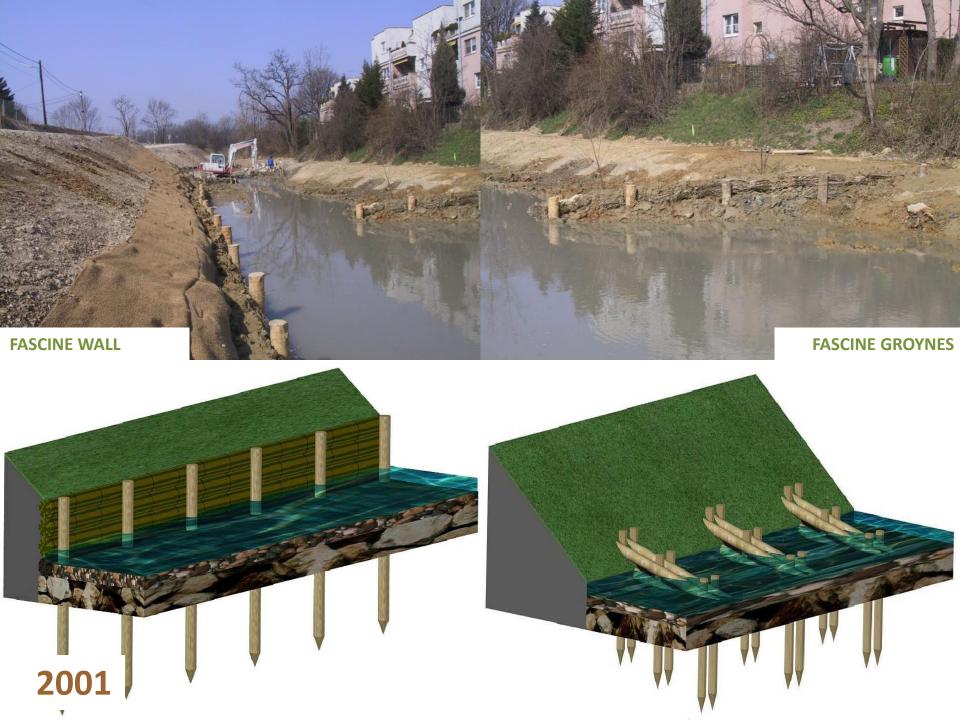
































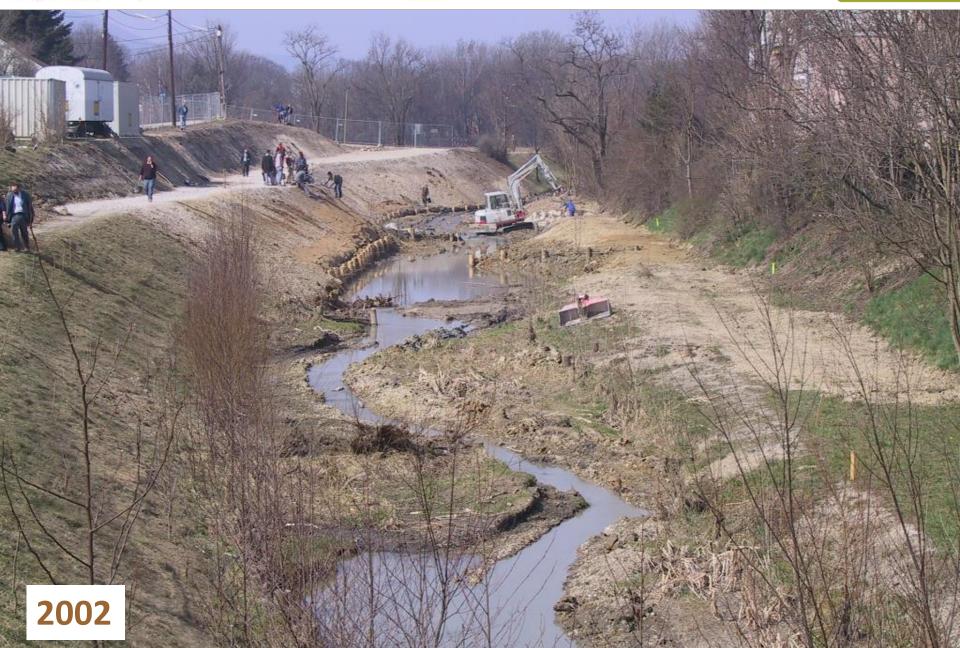
Connecting River Restoration Thinking to Innovative River Management 6th Edition | 27–29 October 2014 | Vienna Integrated with the final event of the SEE River project













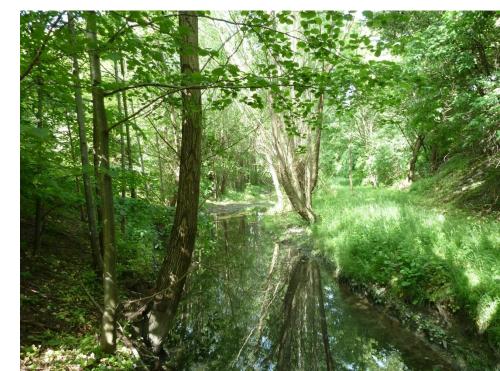






























Connecting River Restoration Thinking to Innovative River Management 6th Edition | 27–29 October 2014 | Vienna Integrated with the final event of the SEE River project













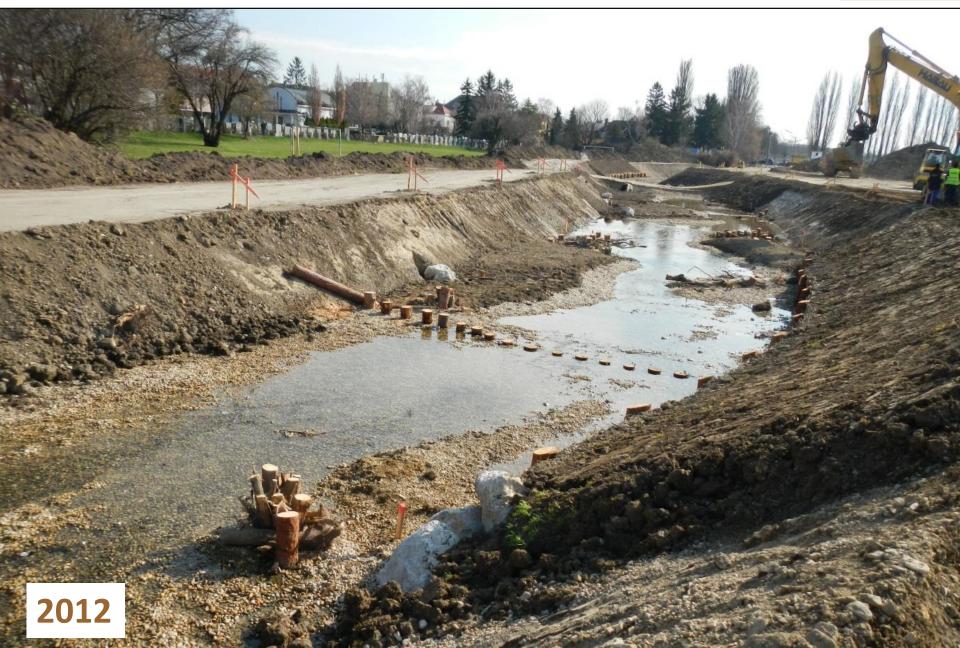
Connecting River Restoration Thinking to Innovative River Management 6th Edition | 27-29 October 2014 | Vienna Integrated with the final event of the SEE River project











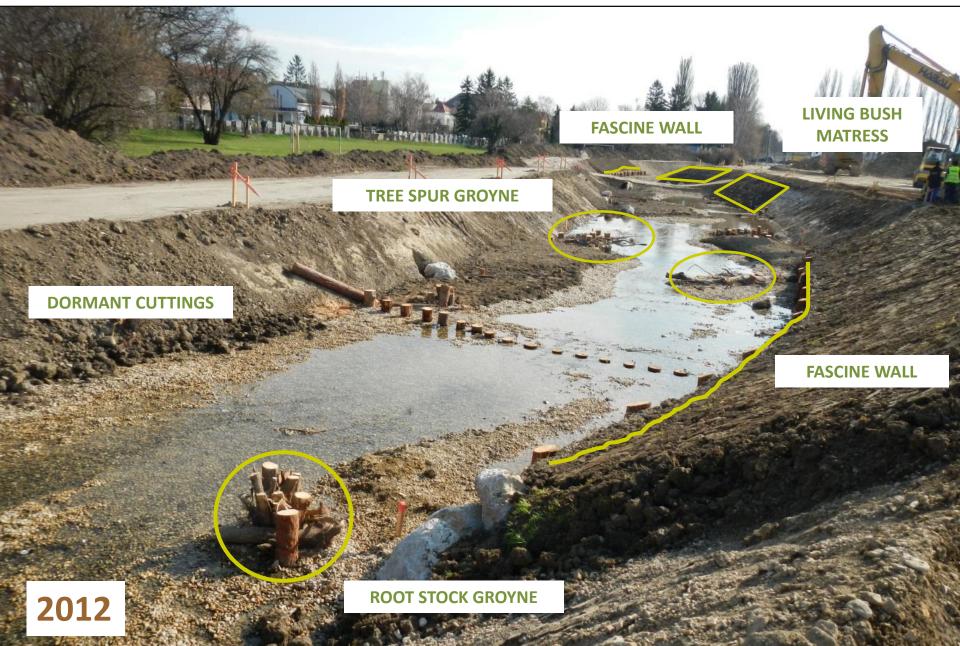
Connecting River Restoration Thinking to Innovative River Management 6th Edition | 27–29 October 2014 | Vienna Integrated with the final event of the SEE River project

























































METHOD MONITORING

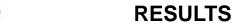




vegetation and structures

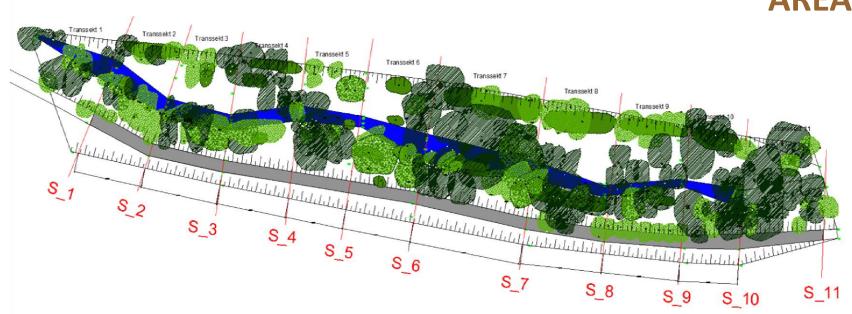
water temperature

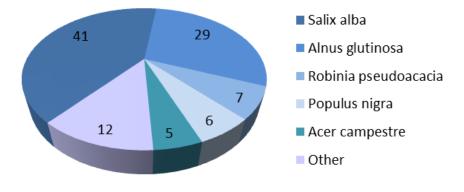
cover

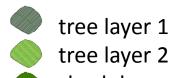


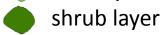










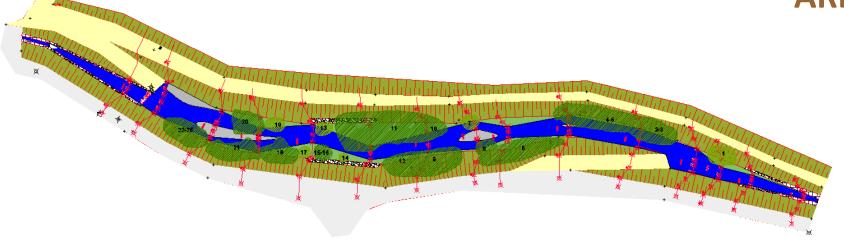








AREA 2



Willow species:

- S.purpurea,
- S.alba
- S.Viminalis
- S. cinerea
- S.daphnoides
- S.fragilis x alba
- S.fragilis x S.cinerea
- S.viminalis-Hybrid



willows



reeds

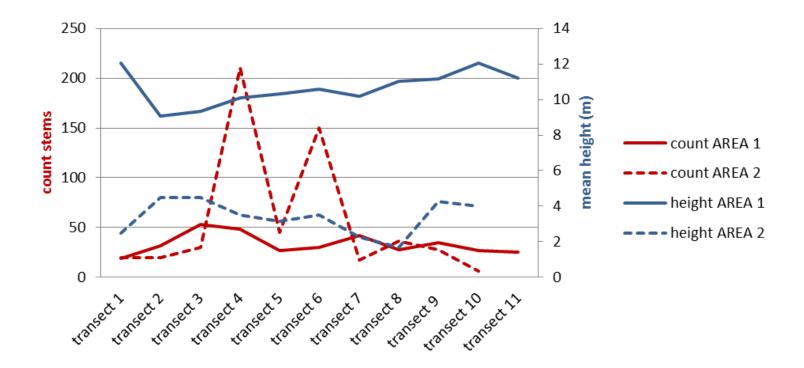








COUNT STEMS/HEIGHTS



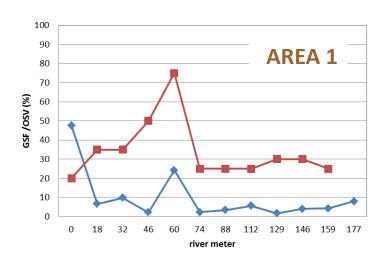


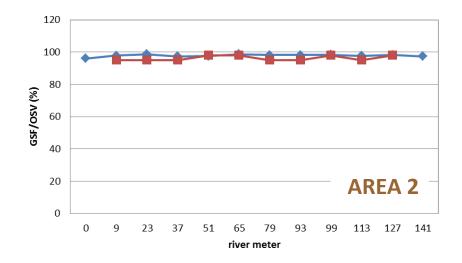




Global Site Factor / Open Sky View













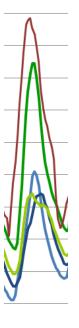
	AREA 1	AREA 2
⊗ HEIGHT (m)	10	3-4
© CROWN DIAMETER (m)	4	
⊗ BHD cm	16	2,8
COUNT SHOOTS/STEMS	366	1235
COUNT SPECIES	19	2
SHOOTS/STEMS per METER	2	6,5
⊗ GSF (%)	10	98





WATER TEMPERATURE





28.7.2013

AT	35,7
A1S	26,2
A1E	24,8
A2S	24,8
A2E	32,9

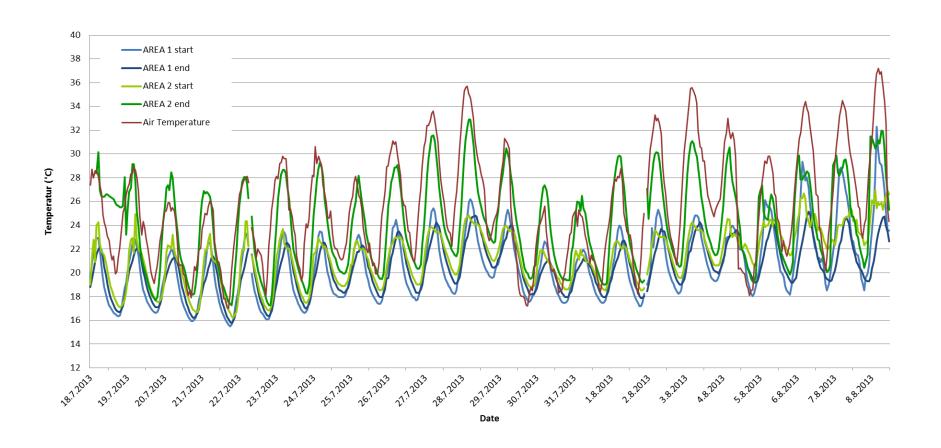
° C





WATER TEMPERATURE





Ω

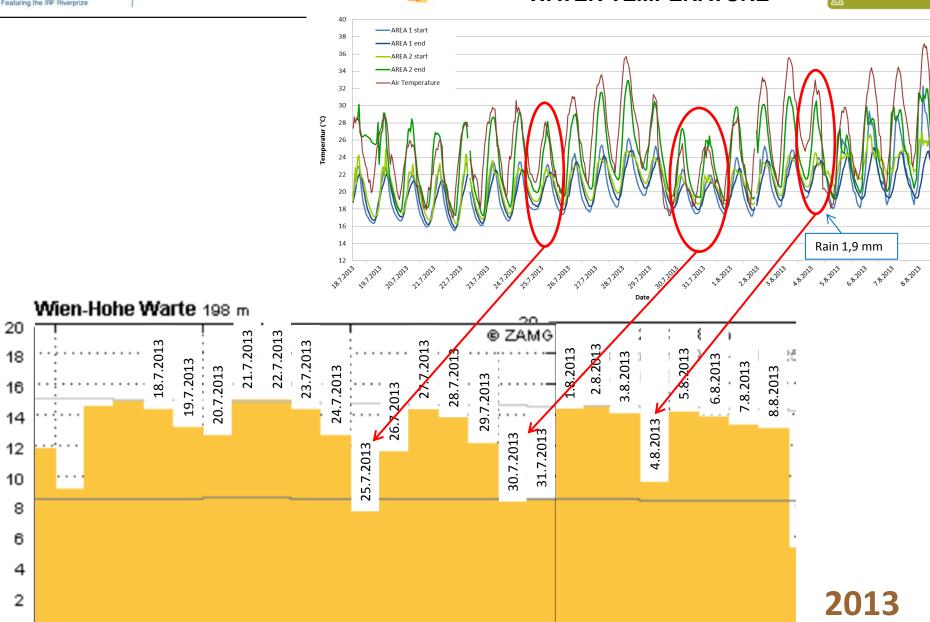
Connecting River Restoration Thinking to Innovative River Management 6th Edition | 27–29 October 2014 | Vienna Integrated with the final event of the SEE River project





WATER TEMPERATURE





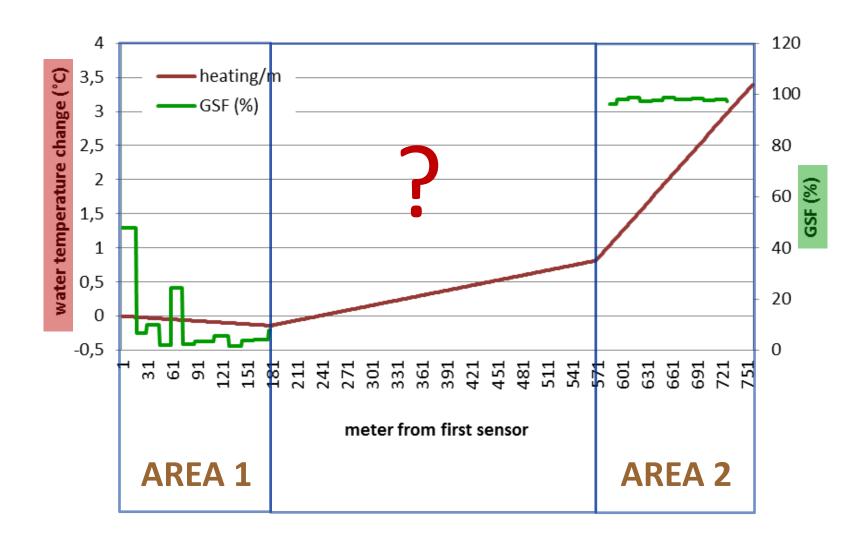
European River Restoration

Conference Featuring the IRF Riverprize



WATER TEMPERATURE

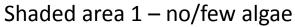














Unshaded area 2 – algae







