



Innovative small-scale BGI for storm water management in the inner city

Rainwater tank and Permeable surface

Rainwater tank – 1000 l tank collecting rainwater from the roof of Stanisław Staszic Highschool No. XI.

The tank has a water collection system that will be used to irrigate the nearby community garden. Overflow water will be discharged through dry streams into Climapond.

Permeable surface - on the premises of the Stanisław Staszic High School No. XI in Radom, approx. 65 m² of pavement made of concrete slabs has been replaced with a demonstration permeable surface. A special mineral mixture was used to allow rainwater infiltration into groundwater.



Rainwater tank and permeable surface built on the premises of the Stanisław Staszic High School No. XI in Radom.

The project "Adaptation to climate change through sustainable water management of the agglomeration of the city of Radom" is co-financed by the European Union under the LIFE Program and the National Fund for Environmental Protection and Water Management.

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Before



Photo 1 Appearance of the site before construction - Rainwater tank and Permeable surface



Photo 2 Appearance of the site before construction - Permeable surface

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Photo 3 Appearance of the site before construction - Permeable surface



Photo 4 Appearance of the site before construction - Permeable surface

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After



Photo 5 Appearance of the area after construction – rainwater tank

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Photo 6 Appearance of the site after construction – Permeable surface



Photo 7 Appearance of the site after construction – Permeable surface

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Photo 8 Appearance of the site after construction – Permeable surface



Photo 9 Appearance of the site after construction – Permeable surface

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Photo 10 Appearance of the site after construction – Permeable surface

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