

## Information about the lecture

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**Speaker** Dr. Florian Betzler

**Title** Green Density Factor (GDF) and Green Cooling Factor (GCF).  
New calculations converting cities into a green paradise with cool climate, fresh air and clean water

**Group of topics** 20.06.2017  
Framework Conditions - Policies

**Language** German

**Content** The innovator Dr. Betzler has defined 2 simple calculation factors to redefine the relation between city and landscape in a revolutionary new way.

The method qualifies and quantitates the relation between the impact of a buildings for nature and calculates the positive over-compensation on the same project.

Not only the city heat will be over compensated, - these buildings work like climate units against city heat. The rain water will be harvested on the property, cleaned, evaporated as well as used for heating and cooling of the project. This, in addition the positive environmental effect, will also increase the economic building performance into a compete win win situation for nature, residents and investment.

The result of his calculations is very impressive and allow a vision into new, vital city landscapes with clean and healthy water, air and species-rich habitat. The city we all want to live in. Concrete deserts with polluted, overheated air and unhealthy waters can completely transferred with this method into a green and bright future paradise. This method can be used in city coding and is also suitable for single projects, entire cities, countries and continents. Climate change with his results like strong weather conditions, droughts can be reversed by this method particular ore completely.

Showing some projects of his office will allow you to understand the Factors and show you to participate the advantages in your own projects. This will also allow a vision how easy it will be for future developments to integrate city and landscape in a green paradise.