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Wolfsburg, a city in northern Germany is now carrying out the development of a large area of the city in Hellwinkel district. The vision that is the base for sustainable urban development is to promote the incorporation of mutually connected green areas, multimodal transport system and multifunctional development (residential and commercial) - all designed in such a way to create an esthetically pleasant and functional environment for both the inhabitants and business owners, who are going to live there and use its facilities.

This is the plan that the city of Wolfsburg has for Hellwinkel district that lies close to automotive town Autostadt (owned by Volkswagen). Just like every design it has its challenges. One of the most important issues is protecting the city against flood damage. On the other hand, city authorities want to preserve esthetic and environmental integrity of the place.

Wolfsburg project is an excellent example of how it is possible to make urban areas resistant to flood and sustainable at the same time, without reducing its beauty and charm. Most importantly, the inhabitants of Hellwinkel district can still relax comfortably knowing that they are well protected against flood and any potential hazards, which may occur in case of heavy rainfall creating significant runoff from the streets.