The project Lindevangs Park and urban square named Sløjfen is based on the desire to disconnect and retain rainwater in the park in order to avoid overflooding the vulnerable lower surrounding areas.

The technical solution for handling the precipitation consists of directing the rainwater into the park. By transforming the park’s lawn area into an oval tilted bowl and creating a ditch alongside the park, it is possible to withhold the rainwater and relieve the sewage system.

Simultaneously, the rainwater is used to irrigate and create a more untamed, wild urban nature, which allows the planting of fruit trees, reeds, and bushes. The blackcurrant ditch along the park is in dry periods a communal city garden with blackcurrant bushes and apple trees where residents of the surrounding areas can pick edible fruits and berries.

New elements are designed with a double function, that are particularly focusing on children’s play and activities. The open lawn area is transformed into an oval tilted bowl where rainwater is collected. In the bottom of the bowl is created a scene that can be used for dance and theatrical performances, martial arts, scooters and roller skaters. Under the scene there is a water retention basin that protects the sewage system from overflooding.

An urban square named Sløjfen has been converted into a combined storm water and activity area for children and grownups. The square absorbs rainwater from the roads alongside the park, and thus receive the water that is not directed into the park.

With inspiration from the former tram loop, rainwater is collected, cleaned in the underground pipes and led in a grand movement based on Fibonacci’s spiral geometry. There is a large water detention basin established under the paving of Sløjfen, that together with the landscaped terrain can hold back 700 m³ of rainwater.

The water flow can be measured and used as a part of science classes in the nearby school. The area can be used as an open math lab, to teach about the golden section and systems from micro to macro cosmos.

Water in the city is mysterious and surprising, it has no logic or visible cohesion, but when it appears it can be a surprising element. One can measure it and use the knowledge in a positive way. Water is a centrum that creates new cultural life and encourages different activities in the city.