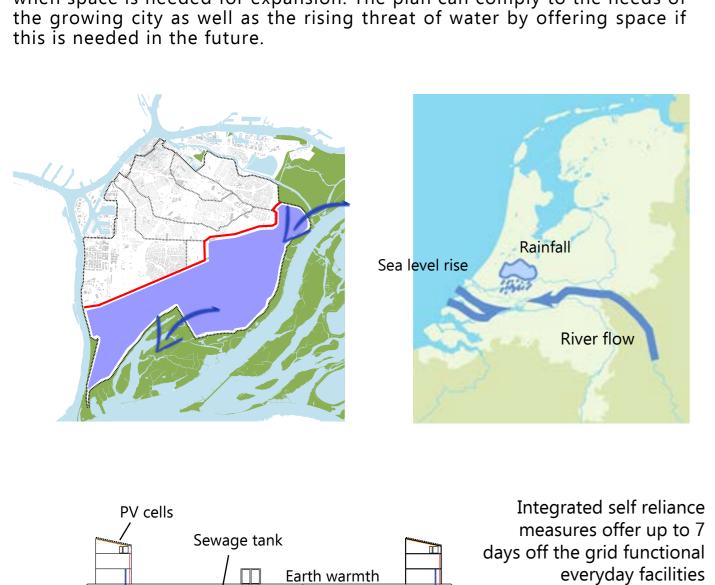


Within the graduation project a plan to be able to adapt the southern side of the island to a room for the river area was researched. This would benefit the entire region lowering the rivers water levels by an estimated 20 centimeter. The room for the river methodology however does not account for the influence of the city as it is applied in open landscapes. This research was done to further develop the room for the river methodology by defining contributors of the relevant city dynamics that have implications for the dikes.

The results of the research offer a starting point to room for the river project bordering cities and a redevelopment of the old concept of the mound. To accomodate for different factors the mounds were upscaled to be able to carry more development, the borders were urbanized for a more flexible integration in its location and self-reliance and sustainable upgrades were made to the mounds.

The design offers a framework for placing these mounds that can be filled when space is needed for expansion. The plan can comply to the needs of the growing city as well as the rising threat of water by offering space if



Flooded mound sections

