

## COMBINED SEWER SYSTEM + HOT SPOTS

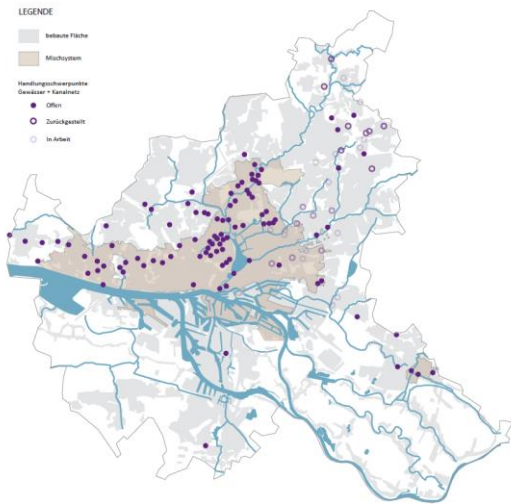


Fig: Elke Kruse based on information of HAMBURG WASSER

**HCU** Hafencity Universität  
Hamburg

## STORMWATER TAX

UP TO 2012:

Water Charge 2,75 € / m<sup>3</sup>

SINCE 2012:

Separated Stormwater Charge

- Stormwater 0,73 € / m<sup>2</sup> impervious surface
- Waste Water 2,09 € / m<sup>3</sup>
- Tap Water 1,77 € / m<sup>3</sup>



Source: HAMBURG WASSER

**HCU** Hafencity Universität  
Hamburg

ROTTERDAM 2014 . Elke Kruse

## EXAMPLES FOR REDUCTION OF STORMWATER TAX

AREA	TYPE (material or measure)	Percentage
impervious surface	e.g. concrete, asphalt, pavement	100 %
partly impervious surface	e.g. pavement with joints for infiltration	50 %
pervious surface	e.g. gravel, sand, lawn	0 %
roof		100 %
green roof		50 %
sealed areas with connection to infiltration measure with emergency water outlet	e.g. bioswale, raingarden (with emergency water outlet)	50 %
sealed areas without connection to infiltration measure with emergency water outlet	e.g. bioswale, raingarden (without emergency water outlet)	0 %

Source: HAMBURG WASSER