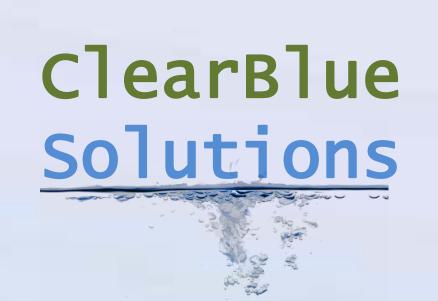


Your Water Blueprint

Empowering citizens to improve water sustainability by showing a personal blueprint in one graph

Martien Aartsen, Agustin Botteron, Nanne Tolsma, Charlotte Vagevuur



Drinking water quality

The City Blueprint; a quick scan of water strengths and weaknesses of a city, designed by KWR (2012) to empower policy makers. The blanks illustrate the weaknesses. The bluer, the better.

Households contribute significantly to the City Blueprint. So what can citizens do to improve their city bottom-up?

Where are citizens efforts required?

Secondary wastewater.. Attractiveness Tertiary wastewater.. Water efficiency measures Groundwater quality Public participation Solid waste collected Management and action.. Climate robust buildings Drinking water consumption Climate adaptation Secondary wastewater.. Tertiary wastewater.. Solid waste collected Solid waste energy recovery Access to drinking water Access to sanitation

Green space

Boston City Blueprint

Operating costs recovery..

Water system leakages

Average age sewer
Stormwater separation

Energy recovery

Sewage sludge recycling
Energy effeciency..

The solution: Your Blueprint

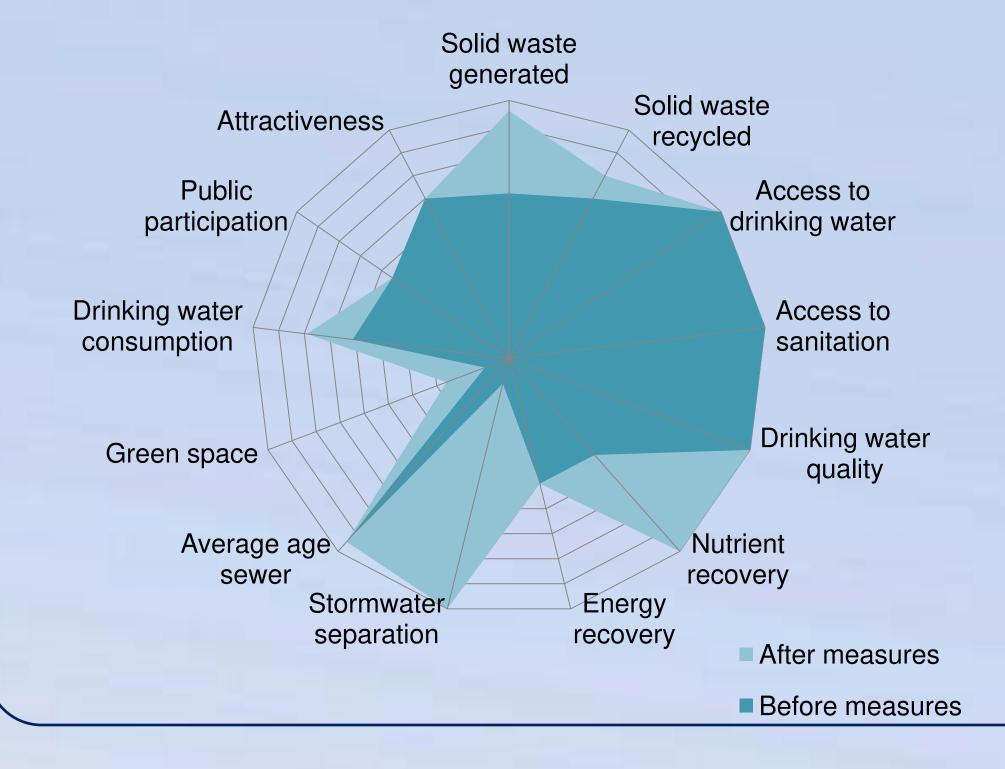
Your Blueprint; a quick scan of your household's water strengths and weaknesses, showing where your impact is most required to contribute to your city.

To improve Your Blueprint, we provide you with access to simple and cost effective measures to improve water sustainability.

PARKLET RECYCLING GREEN ROOFS LEAKAGE FIX RAIN BARREL COMPOSTING RAINWATER HARVESTING THERMOSTATIC GRANE WASTE REDUCTION

FFICIENT SHOWERHEAD
SHOWED VS RATH

Result of measures applied to your average house Boston



The impact of \$149 of simple measures:

- Installing a water saving shower and adding a toilet stop, the water demand will drop by 25%, resulting in a \$250 saving each year.
- Waste separation and recycling will decrease solid waste generation by 35%.
- Installing a rain barrel will relieve the sewage of your storm water and save water.
- Greening the driveway will expand the green space significantly

KWR: Van Leeuwen, van Wezel & van de Ven (2012) City Blueprint: 24 indicators to Assess the Sustainability of the Urban Water Cycle. *KWR*.

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