

4.2.11 Underground tanks for rainwater retention

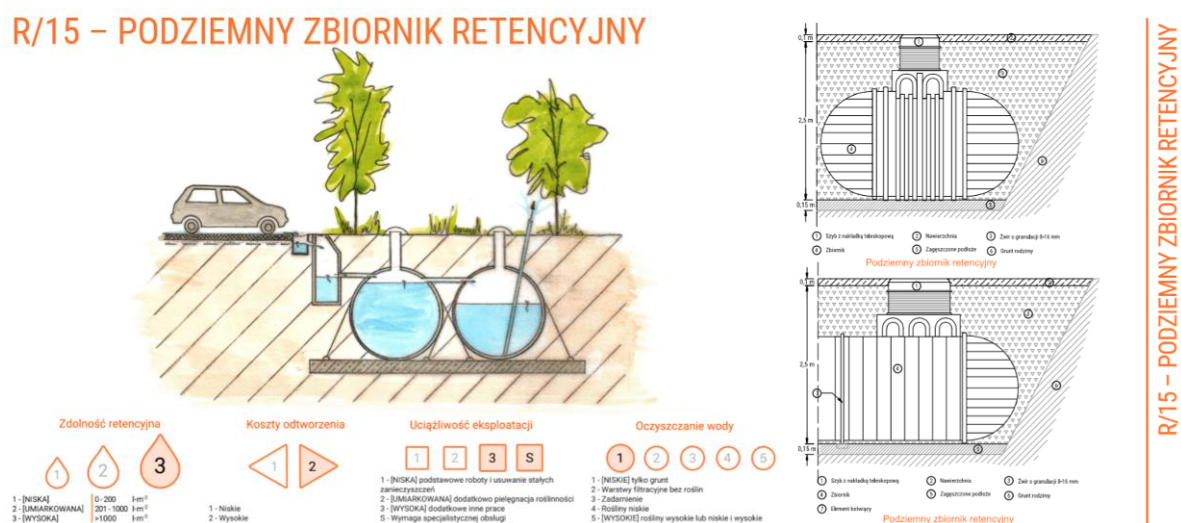
Retention type: **Underground tanks for rainwater retention**

Figure: 38. Underground tanks for rainwater retention (source: Lejcuś K. at all "Katalog dobrych praktyk zasady zrównoważonego gospodarowania wodami opadowymi pochodzącymi z nawierzchni pasów drogowych. Wrocław 2017")

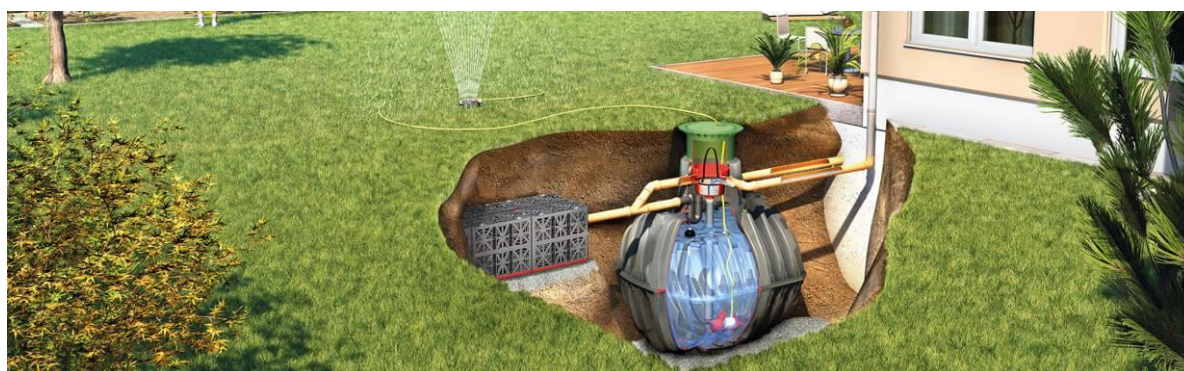


Figure 39. Underground tanks for rainwater retention (source: RBMP, Urban rainwater management guide, 2015)

Land use	Urban/Semi urban/Semi-rural		
Catchment area	0-0,1 km ²		
Dimensions	Designed paved places where there is no possibility for surface storage		
Location	Anywhere at urban/ semi urban/semi-rural catchments, where the terrain and land use is suitable		
Target group	Municipalities, Private property owners		
Effects of measure		Size of effect	Description
	Slow/Store runoff	MEDIUM	These tanks retain rainwater coming from roofs or surface runoff. The rainwater can be utilized for e.g. irrigation. Upon these tanks parking zones can be built. This solution is expensive,

			complicated but don't requiring a suitable surface.
	Increase Evapotranspiration	NO	
	Increase Infiltration	NO	
	Increase soil water retention	NO	
	Reduce pollutant sources	LOW	
	Reduce erosion	NO	
	Achieve Good Surface Water Status	NO	
Maintenance requirements	Ensuring storage capacity.		