GHG Calculation (CO2e)

PIVOID XL
Storm Water Cassette

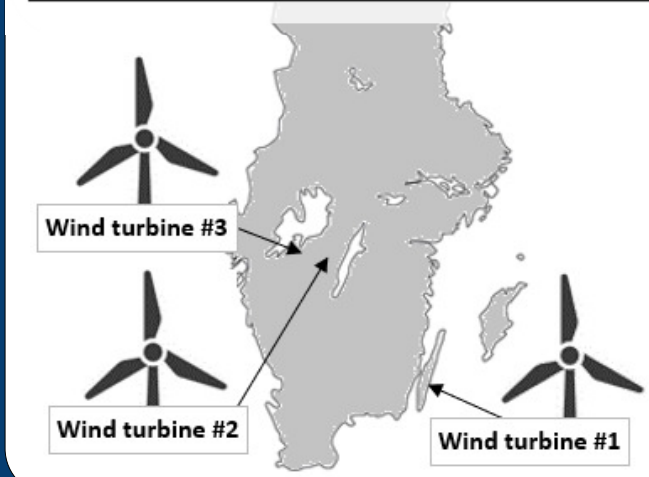
MATERIAL

100% of recycled Polypropene (PP)

ELECTRICITY/POWER CONSUMPTION

- 75% allocates from 3 own wind turbines
- 25% allocates from purchased renewable electricity
- The electricity consumption CO2-equiv amounts to **12 g/kwh**

	Share	Mix	Type	CO2e / kWh Oper.	Lifecycle
Purchased Electricity	25%	75%	Wind turbine	0 g	12 g
		24%	Hydroelectric	0 g	8 g
		1%	Solar power	0 g	28 g
				0 g	**11 g**
Own prod.	75%	100%	Wind turbine	0 g	12 g
				0 g	**12 g**
			TOTALT CO2e per kWh	**0 g**	**12 g**



CO2e - Calculation

			CO2e Per m3	
Scope 1	**Production**	Lubric/oil	0,123 Kg	
			Operaton	**Lifecycle**
Scope 2	**Production**	Electricy	0,000 Kg	0,193 Kg
		TOTAL PROD.	**0,123 Kg**	**0,316 Kg**
Scope 3	**Plastic Material** *(0,56 kg CO2e per kg Material)*	Recycled PP	23,52 Kg	
		TOTAL MTRL	**23,52 Kg**	
	Scope 1 + 2 + 3		**23,64 Kg**	**23,84 Kg**

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Impact for transport of systems from us to workplace depends on distance/transport mode and are not included. Upon request, this information could be calculated.

Plastinject Watersystem AB
Anderstorp
SWEDEN

Phone +46 371 587000
E-mail info@plastinject.se
Web www.plastinjectwatersystem.se