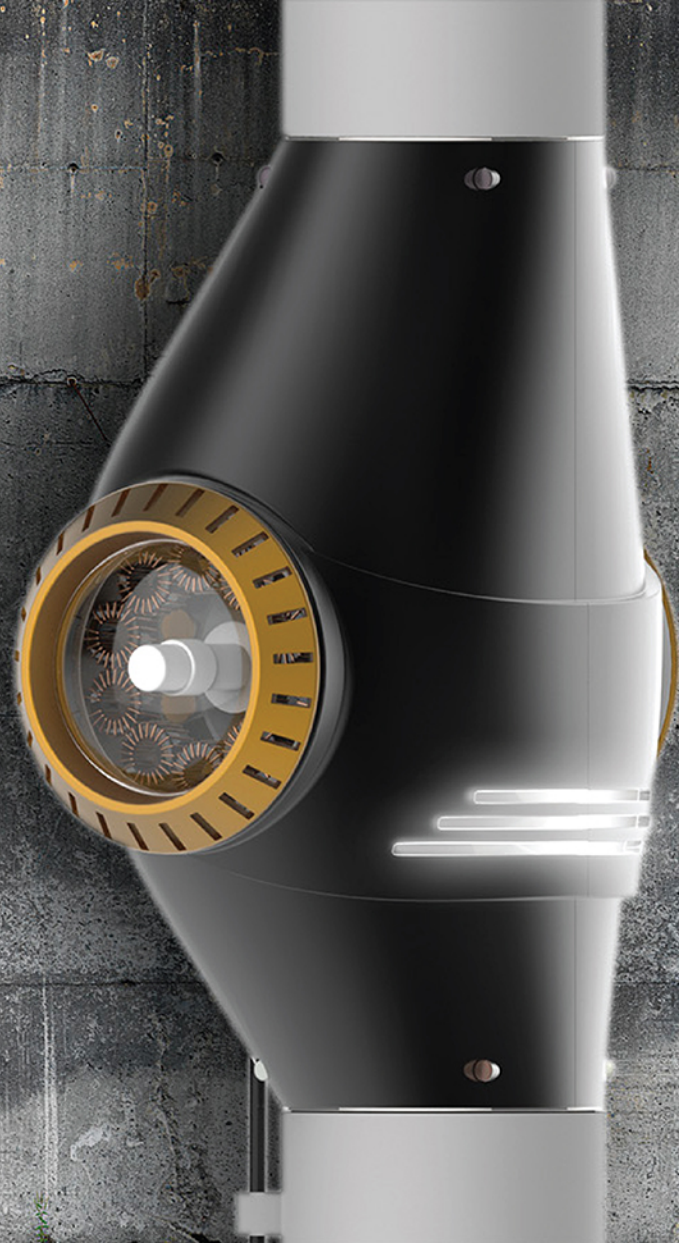


Water **PO** **GE**

A water generator solution in city



red dot award 2016
winner



"We use power everyday,
we **waste** power everyday"

"Remote area results in
high power transmitt fee"

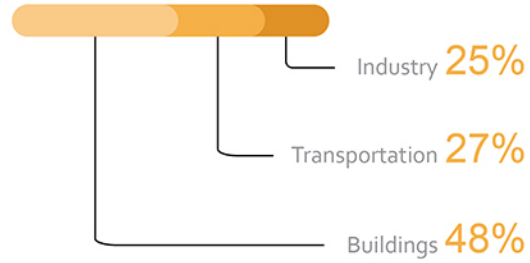


"Renewable energy system
brings a lot of **negative**
effects to the wild animals"

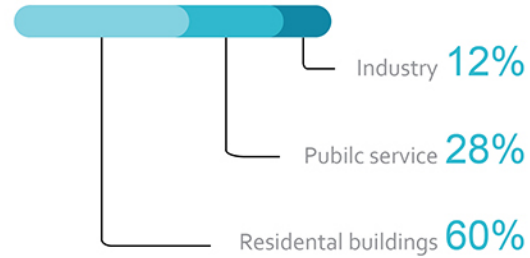


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Power usage In city:



Water usage In city:



The average water usage in single building
is about **14,695 gallons**

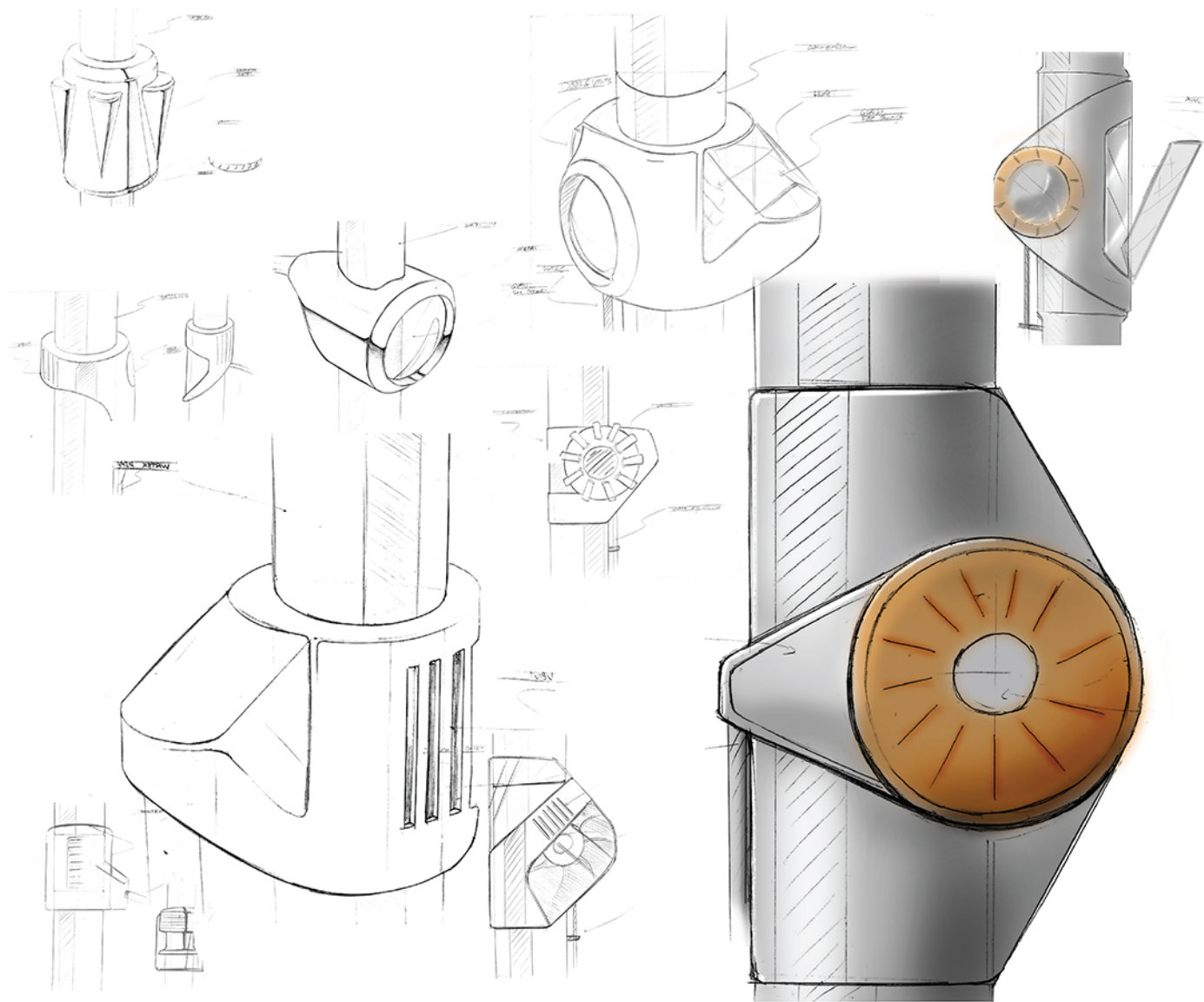
“Cities use a lot of power
and water in daily life”

“High buildings use the most
of power and water”

“There are thousands of
high buildings in New York
or other big cities”



reddot award 2016
winner



“Orange represents energy
and power”

“Black represents high quality
and a feeling of industrial
world”



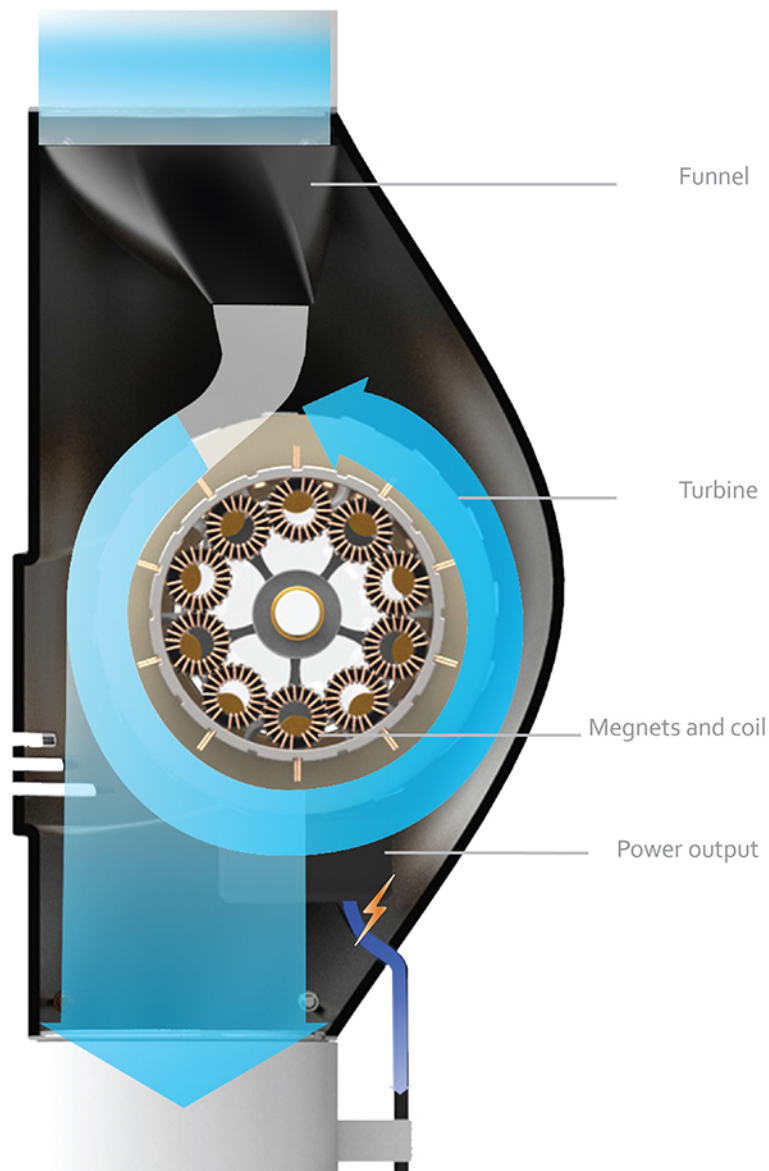
reddot award 2016
winner

Re-engineered Waterflow paths

Funnel is to gather water and increase the water's self-potential energy in order to increase the speed of water turbine.

Water Generator

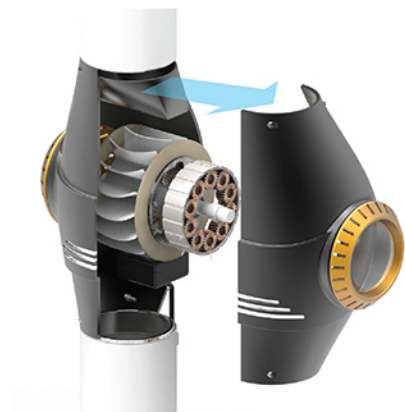
Water turbine drives the magnets which magnetic field produce the power by coils.



“Re-engineered waterflow
paths offer a high efficiency
to produce the power”



reddot award 2016
winner



Easy to maintain



Convenient installation

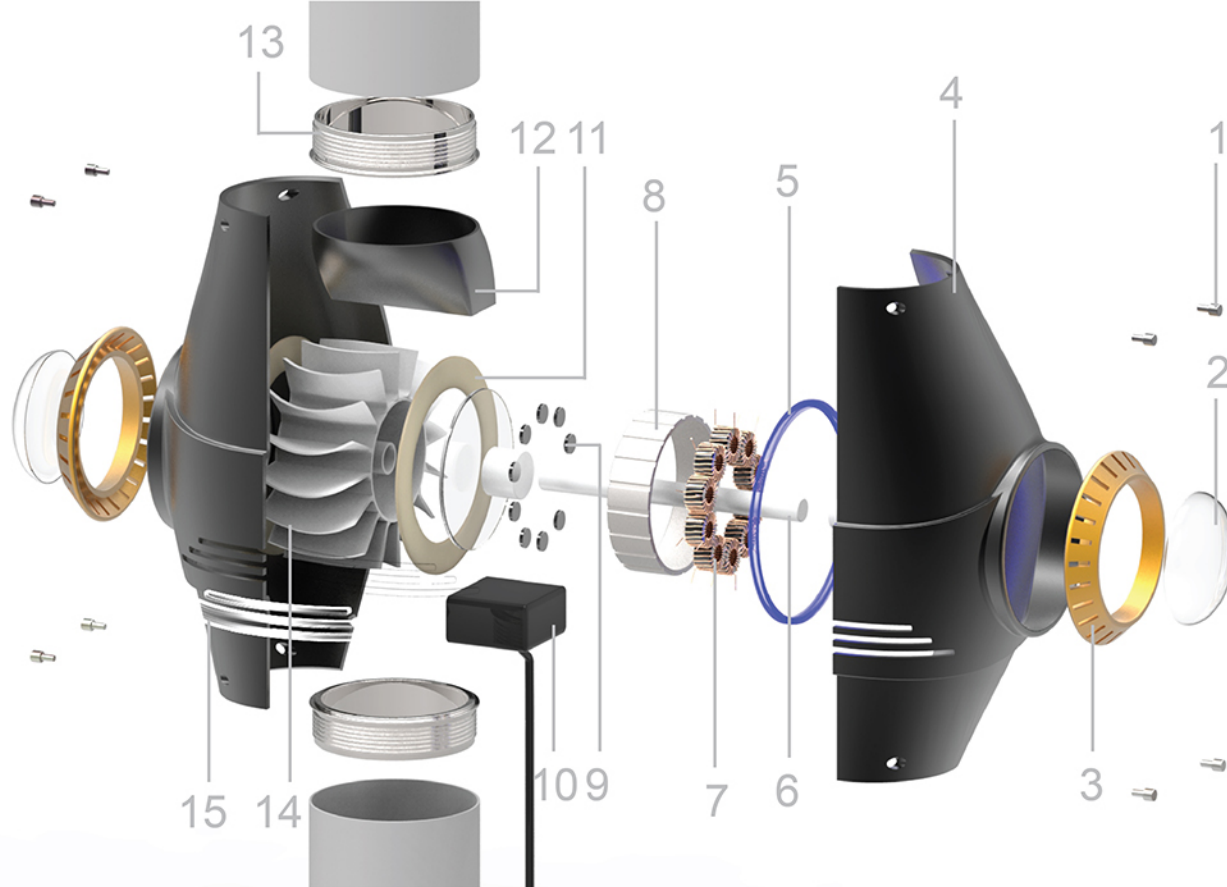


LED indicator light

“Three main features are
make it easy to use and
understand”



reddot award 2016
winner



"PoGe has 15 mian components.
Resonable arrangement applies
to functions "

"The housing is made by
compression molding"

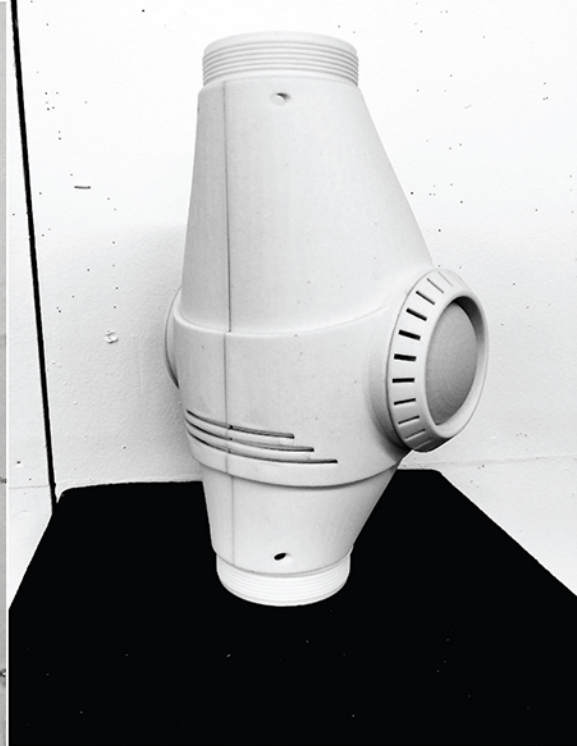
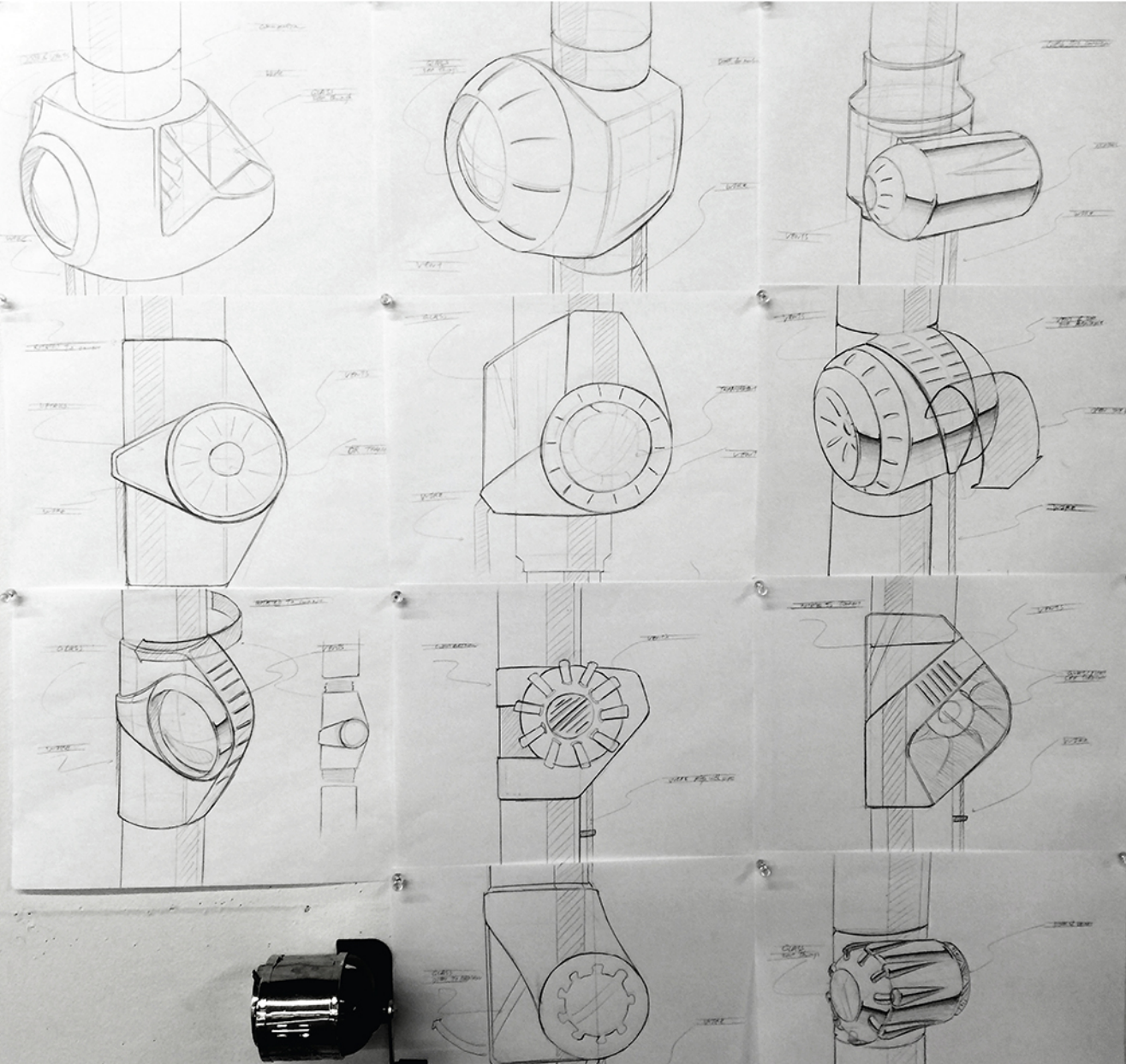
Part Name	Quantity	Part-Number	Cost(\$)
1. Screw	4	000021	0.18
2. Porthole window	2	000093	0.30
3. Vents	2	000037	5.00
4. Housing	2	000262	18.5
5. LED strip light	1	000145	1.50
6. Shaft	1	000121	0.80
7. Copper pulsar coils	10	004589	6.09
8. Steel ring	1	008726	18.35
9. Magnets	10	008734	2.00

Part Name	Quantity	Part-Number	Cost(\$)
10. AC/DC output	1	100267	3.50
11. Waterproof silicon	2	000334	3.20
12. Funnel	1	006582	1.00
13. Threaded connccetor	2	008727	6.20
14. Water turbfan	1	100852	6.99
15. LED indicator	3	001450	2.00

Total: \$75.61



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winner