










Kawasaki Green Innovation Cluster		Member Information		Management Number	Section Number	Company
Business Classification		Air, Soil and Water Business				
Business Field		Manufacturing and Sales of Man-powered Water Purification Devices				
Company/Organization Information	Company Name	日本ベーシック株式会社				
	Company Name (EN)	Nippon Basic Co., Ltd.				
	President	Yuichi Katsuura				
	Address	2-42-3-301 Kamikodanaka, Nakahara-ku, Kawasaki-shi, Japan				
	Contact	+81-44-738-2215				
	Capital	10 million yen				
	No. of Employees	3				
	E-mail	nipponbasic@ceres.ocn.ne.jp				
	Website	www.nipponbasic.ecnet.jp/eindex.html				
	Branches/Agencies	Japan: None Overseas: Distributors in Bangladesh and Indonesia				
Business Activities, Messages and Others	Business Activities	<p>Manufacture and sale of the equipment that manually purifies river and lake water into drinking water without using gasoline or electricity.</p> <p>Specifically, they are devices that can be attached to a bicycle, which purifies dirty water into drinking water by making the bicycle stationary and peddling, or by using a hand crank (for non-bicycle types) to operate the pump. There are also desalination filters that can turn seawater into drinking water.</p> <p>In Japan, these products are used as an emergency water purifier at the time of a disaster, such as a large earthquake. Abroad, they are used instead of water purification plants in areas without electricity.</p>				
	Messages/Others	<p>(Requests for Collaboration)</p> <p>We have implemented the BOP business pilot project from JICA private-sector collaboration project since 2011 and we are currently conducting ODA project planning survey in the same country. As we prepare for the verification survey, we're looking for the partners who can participate in this project together to contribute to regional revitalization or contribute to local economies such as Kawasaki city or Kanagawa prefecture.</p>				
	Examples of Products					
						
	New Cycloclean Bicycle integrated water purifier	Desaliclean Seawater Desalination Equipment	DePo Manual type seawater desalination equipment	Cycloclean Portable Manual water purifier		

Kawasaki Green Innovation Cluster Product/ Technology Information		Management Number	Section Number	Company
Business Classification	Air, Soil and Water Business			
Business Field	Manufacturing and Sales of Man-powered Water Purification Devices			
Company Name	Nippon Basic Co., Ltd.			
Product/Technology	Bicycle integrated water purifier			
Overview of Products/Technology	Features	① Prefilter to remove foreign substances of 1 micron or more ② Hybrid activated carbon filter to remove pesticides and odors ③ Equipped with three kinds of microfiltration precision filtration membrane (MF) filter, pumping water from a pool or river just by stopping the bicycle and making safe drinking water with 5 to 6 liters per minute.		
	Keywords	① Human resource equipment with no power supply, no gasoline ② Self-propelled water source ③ 100% disinfected safe water		
	Price	550,000 yen/unit (excluding tax)		
Detailed Information about Products/Technology	Details	Size: Equivalent to adult bicycle Weight: 47 g		
	Capabilities	Throughput: 300 to 360 L per hour (150 to 180 persons/day)		
	Cost	Transportation fee is required separately.		
	Life cycle	10 years or more (However, the filter needs to be replaced.)		
	Remarks	Salinity in seawater cannot be removed. Seawater desalination equipment is separately being manufactured and selling as Desaliclean		
	Pictures relating to products and technologies	 <p style="text-align: center;">Bicycle integrated water purifier - "New cyclone clean"</p> <p>Other products are posted on our "Company Information" page</p>		
Advantages	Patent and award history	■ Patent ■ Japan, USA, China, Taiwan		
	Examples of use (Domestic and overseas)	2011 Implemented pilot project of JICA private collaboration promotion project (Bangladesh) 2015 Currently implementing a JICA Feasibility Survey for the overseas development of SMEs overseas		