Annual report

Recycled Island Foundation Annual report 2019



in 2019, Recycled Island Foundation launched the new brand name

CLEARRIVERS



Fish plastic out of your river. 99

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Recycled Island Foundation gives transparency in its work by publishing the annual reports.

As a non-profit organization we are largely depending on gifts and donations.

By publishing our annual reports, we give insight in how we spend the thankfully received budget.

Recycled Island Foundation

A plastic-free sea starts here

Who we are

In 2019 RIF launched the new brand name **CLEAR** RIVERS to improve its communication and branding.

CLEAR RIVERS is a brand name of Recycled Island Foundation a registered non-profit organization within the Netherlands. The Recycled Island Foundation (RIF) is brought to life in 2014 to find an active approach to the worldwide plastic pollution in open waters. **CLEAR** RIVERS works at the retrieval of debris in rivers and river mouths, sustainable re-use of plastics, organizing cleanups, creating awareness and education programs. To make our actions and ambitions more clear, **CLEAR** RIVERS is registered and launched. Although **CLEAR** RIVERS is new as a brand, the organization benefits of five years' experience in the plastic retrieval, recycling and education. In Rotterdam (the Netherlands), Brussels (Belgium) and Ambon (Indonesia) successful projects are already ongoing with Litter Trap implementations, education and a range of circular products developed such as Litter Traps, a floating park, furniture and building materials.

CLEAR RIVERS outlines the five elements of our all-inclusive approach to marine litter:

Cleanups are organized to remove plastic litter from the river (shores) and to involve the local population and organizations.

Litter Traps are installed in the Port of Rotterdam, the Port of Brussels and in Ambon in Indonesia. **CLEAR** RIVERS is currently working on an international approach to retrieve marine litter from rivers before it reaches the seas and oceans.

Education about plastic pollution, its causes and possible solutions, is given at all levels of the educational system. Our porpuse is to prevent plastic pollution and to educate the next generations to resolve this issue within the next decade(s).

Awareness is increased among the local population and organizations involving them into actions towards plastic-free rivers.

Recycling is used to give new value to the plastic litter and to prevent the plastics to be littered again. Durable new products are created with the recycled plastics, such as our Litter Traps, a floating park, furniture and building materials to improve the housing situation in less developed areas.

Together this creates an overall all-inclusive approach to marine litter on the short and long term.



Turning the plastic we retrieved from rivers into valuable products.

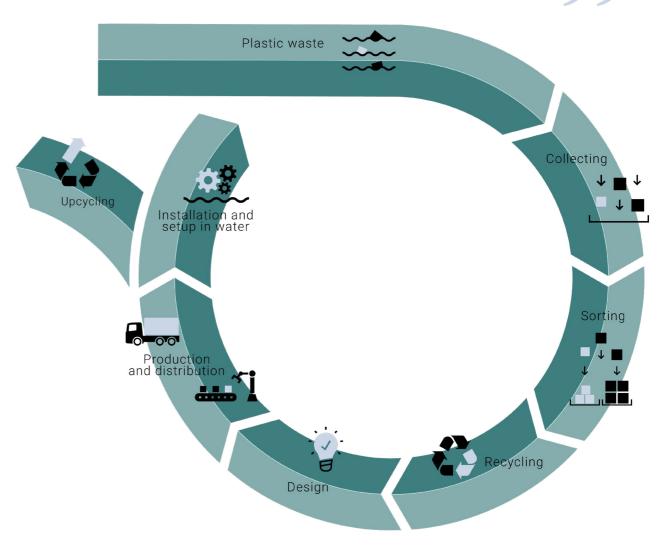


Figure 3: **CLEAR** RIVERS' circular approach

CLEAR RIVERS applies the concept of a Circular Economy to plastic litter: going in the opposite direction of a Linear Economy, products and services are exchanged in closed cycles, obtaining the highest possible value. Pillars of this regenerating economy are concepts such as:

recycling, reusing, remanufacturing and renewables.

With our Litter Traps (made from recycled plastic) we retrieve plastic produced and used elsewhere, we sort it, recycle it and we add new value to it, closing the circle.

4 5

Cleanups

Besides retrieving floating plastics from rivers with Litter Traps, we organize cleanups and you can join us! We monthly gather together along the rivers in The Netherlands.

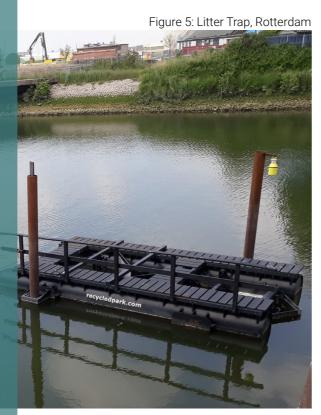
We believe this is the best way to get people involved and informed about plastic pollution. Families, children and students are all welcome to spend a few hours along the shores to collect plastic litter, mainly coming from cities. During these cleanups it's also possible to discuss the damage of plastic pollution and the best way to tackle the problem in our daily life. The plastics we collect are being washed, sorted and recycled in order to contribute to a circular economy.



Figure 4: Cleanup, Rotterdam



A passive way of catching plastic in rivers and canals. Since 80% of the plastic waste in the seas and oceans finds its way there via rivers, Recycled Island Foundation decided to find a way to stop the plastic pollution at its source; developed in 2017, the Litter Trap is a cutting-edge device perfectly suitable for both canals and rivers. The Trap uses a passive way of catching plastic; in fact, the Trap is an innovative system that does not require energy or human labor to function, but only uses natural forces such as the water current and the wind. If they change, the plastic is captured inside with an innovative screen system. Of course, this floating platform is designed in such a way that it doesn't damage the ecosystem and the animals' lives. As an example of the circularity of Recycled Island Foundation' approach, the device is almost entirely made from recycled plastics retrieved from the rivers. It has been successfully tested during a pilot study of 1.5 years.



Education

Figure 6: Lecture at primary school, Rotterdam



With our education program, we strive to educate people on the topic of plastic pollution. We believe that the best way to preserve the environment is to educate young generations about the damage of plastic pollution in the environment. We are available for lectures at primary, secondary and high schools but also universities. We welcome international interns in our team in order to involve people from different cultures; we also supervise research programs abroad with several universities.

Our education program can be adjusted to the group we will be working with.

The program can include a visit of the Recycled Park, a guest lecture, presentations, discussions and can be combined with a cleanup.



Figure 7: Public presentation, Rotterdam



Our mission is to tackle plastic pollution at its source. We developed a system to catch plastic pollution in rivers, but we should also prevent plastic from entering the waterways. We strongly believe that plastic pollution can be reduced by changing behavior of individuals, communities and organizations. Everyone can be part of this change, starting with habits in our daily life.

We are available for tours at the Recycled Park and the Litter Trap, to share what we do with students and companies. We also organize presentations for companies that can be combined with cleanups. It is a perfect chance to discuss about the best way to tackle plastic pollution in the daily life.

We take part in international cleanups, summits about plastic pollution and climate change and we stand up on stage for our ideas, trying to reach as many people as possible. By sharing our ambition to install Litter Traps in rivers worldwide on social media, we aim to spread also our mission and to obtain more attention

Recycled Island Foundation

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successfully found different strategies to reuse plastic litter. Different techniques have been applied to manufacture valuable objects. Recycled Island Foundation designed different models of 3D printed sitting elements, perfect for both indoor and outdoor. Recycled Island Foundation' water storage sofa combined with a water wall, shows how aesthetically pleasant elements can work as tools for climate change.



Figure 9: Recycled Park, Rotterdam

Housing materials and furniture are suitable areas of application for recycled plastic.

Poor housing conditions is one of today's most pressing issues.

Recycled Island Foundation is working on improving the conditions of people in low-income areas of developing countries. In collaboration with UniBrick, Recycled Island Foundation is now able to produce bricks made with recycled plastics.

These bricks, sustainably and economically better than the normal bricks, are also a great way to empower local communities and make architecture

We believe that **together** we can stop plastic from polluting our **oceans**.

more sustainable and circular.

urbanized areas such as the port of Rotterdam.
It is located in the Rijnhaven, Tillemakade 99, and open for visitors.

and creates a new green area, extremely useful in highly

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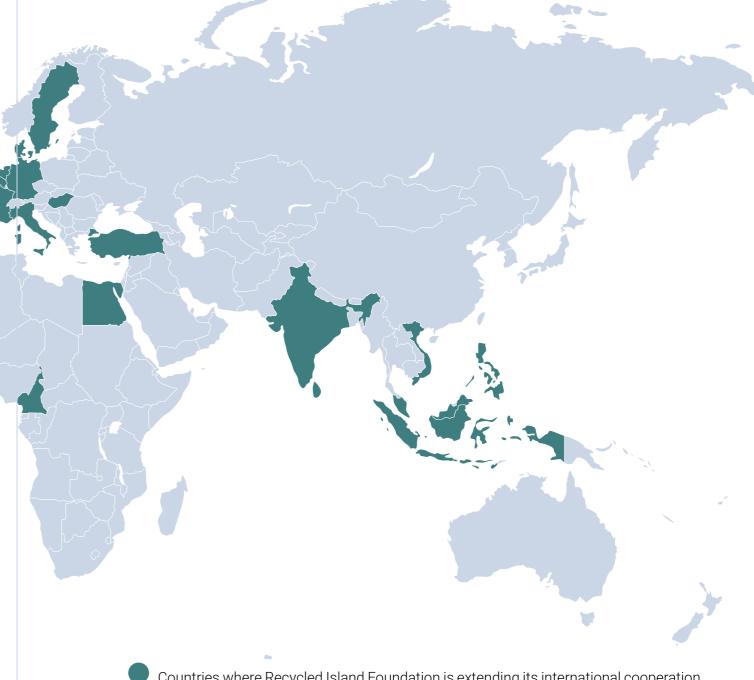
Report 2019

Report 2019

Please find here an overview of our work and achievements within the different countries.

For more information on our progress please see: clearrivers.eu

We work nationally and internationally to achieve our mission,



Countries where Recycled Island Foundation is extending its international cooperation

For more information on our progress please see: clearrivers.eu

Figure 11: Recycled Island Foundation worldwide

News

Recycled Island Foundation celebrates 5 years!

We are happy to share the news we celebrated

We placed Litter Traps in Brussels, Rotterdam and the Indonesian island Ambon. We organized cleanups in and around Rotterdam with many amazing volunteers. We are excited to share our experience and knowledge worldwide to stop the pollution of seas and oceans. Plastic will keep on floating into our ocean through rivers if we don't act now. We are inviting you to join us in our mission, whether through new partnerships or a donation.

Recycled Island Foundation launches a new name! In 2019 RIF launched the new brand name CLEAR RIVERS to improve its communication and branding. CLEAR RIVERS is a registered trade name of Recycled Island Foundation since 2019.

Also, we worked nationally and internationally to achieve our mission. In the following pages you can find all the countries where **CLEAR** RIVERS is extending its overall approach to marine litter:

Cleanups, Litter trap, Education, Awareness, Recycling





Figure 12: Recycled Park, Rotterdam

The Netherlands

Cleanups

- Opening storage container for plastic waste: Recycled Island Foundation, Rijkswaterstaat (Dutch Ministry of Infrastructure and Water Mangement) and the Municipality of Maassluis join forces to support the clean-up actions in Maassluis. Every month, volunteers, together with Recycled Island Foundation, clean the banks of the Nieuwe Waterweg from plastic waste. This prevents it from ending up in the open sea. Thanks to the support of Rijkswaterstaat, the container is available to store the collected litter before Recycled Island Foundation sorts and recycles the plastic.
- Regular cleanups organized within the Port of Rotterdam and together with other organizations for launching events, as a team bulding activities or as workshop for students with a total number of 16 cleanups. With each clean up we collected an average of 2 to 3m³ of plastic litter.

Litter traps

- The Litter Trap in the Keilehaven in Rotterdam is a success! It works perfectly, it stands tough weather conditions and is emptied at least once a month. Two additional Litter Traps are optimized and ready to be replaced within the Port of Rotterdam.
- The team of Recycled Island Foundation designed a modular litter trap called LT5, able to fit in a sea container and be shipped worldwide.

Litter trap research

- We worked on several proposals to expand our retrieving approach and implement Litter Traps in Breda, Harlingen, Heerlen, Arnhem, Ijssel, Den Haag and Rotterdam preventing plastic litter to enter the north sea.
- Our brand-new developed Passive Litter Trap is premiered at the Dutch Design Week! This renewed design will increase our national and international impact to prevent plastic litter to enter seas and oceans. The Litter Trap will be installed in rivers and ports to directly stop plastic litter in their flow.



Figure 13: Litter Trap, Rotterdam

Education We collaborated with various schools and universities to educate the young(er) generation. RIF organized cleanups, workshops, excursions and guest lectures. Main educational partners in 2019 were: EPF Ecole d'ingénieurs France, Rotterdam University, HZ University, VHL University, Den Haque University, Melanchton, RSG Lingecollege etc. **Awareness**

We took part of different international competitions, accelerators and conferences like 100 Resilient Cities Summit in Rotterdam, the Dutch Design week in Eindhoven, One Young World, the World Ocean Summit, Small Islands Summit, Future Flux Festival, the Our Ocean conference and several plastic packaging and circular economy summits within the Netherlands.

We were glad to present our work and achievements in occasion of the 10 year anniversary of our partner Audi Environmental Foundation

Recycling

- The majority of the plastics we collected have been recycled into valuable and durable new products. As a showcase of our circular products, the Recycled Par is still flourishing in Rotterdam, creating shelter for animals and awareness about the advantages of recycling the plastic.
- From plastic litter to durable building blocks for sustainable housing. Recycled Island Foundation established a collaboration with UniBrick; together we are recycling the plastic retrieved from the river Maas into building materials in order to turn the environmental problem into a benefit for local populations. This approach shows the potential and value of circular re-use. In most of the areas where plastic pollution is highly concentrated also the housing situation is poor. People live in slums and have a high demand for durable shelter. The bricks can be used as building blocks to make many modular and circular designs. Each brick is made of 1.5 kilos of 100% recycled plastic with dimensions of 200x100x135mm (LxBxH).
- Recycled Island Foundation designed together with Amfibia Solution a 3d printed recycled bench that also works as a rain water storage. A creative solution to the social issues we are currently struggling with: plastic waste, climate adaptation, extreme rainfall and drought, but also pressure on public space. For this design, RIF has been selected as a finalist at the Poly Products competition.

A plastic-free sea starts here

C L E A R R I V E R S in Belgium

First anniversary of the Litter Trap placed in Brussels! Together with Audi Brussels and the Port of Brussels, Recycled Island Foundation and its project partner Audi Environmental Foundation have installed a passive Litter Trap in the harbor basin of Brussels. Waste floating in the water is flushed into a basin, where retention devices prevent it from being washed out again, and thus ensure that no plastic reaches the open sea via the canal. The device has been successfully working for more than a year already and is emptied at least once to twice a

In addition, we worked on several proposals to implement Litter Traps in several cities in Belgium with the vision of achieveing a Belgium plastic-free!

Recycling

We tested large scale 3D-printing with recycled plastics and realized an innovative sofa as an example of this technology. The sofa is positioned in the Audi showroom in Brussels.



Figure 14: 3D printed recycled plastic couch, Belgium



Education and Awareness

accelerators and conferences like the One Young World Summit in London.

Figure 15: Litter Trap, Brussels

C L E A R R I V E R S in Germany

Litter traps

We worked on a several proposals for Litter Traps within the German rivers and harbors.

Recycling

Together with Audi Environmental Foundation, we created a 3D-printed seating elements from recycled plastic. We had the chance to showcase the sofa at the Audi Cup in Munich, to raise awareness among the supporters about the problems that come with plastic pollution, but also to show the possibilities of upcycling the valuable material.

RIF explored the possibility of implement a Recycled Park a Recycled Parks in German Marinas.



Figure 16: 3D printed recycled plastic couch, Germany



A plastic-free sea starts here

C L E A R R I V E R S

in France

Litter traps

We worked on several proposals for Litter Traps within the French rivers.

Education and Awareness

Over the last 5 months of 2019, we have been supervising 13 students from EPF Graduate School of Engineering in Montpellier. Their project's goal was to analyse Montpellier's network of rivers and canals, the existing policies regarding waste management and thoroughly study if flood prone areas could be suitable for Litter Trap implementation.

Great results require extensive scientific research; thus, we are always keen on setting up collaborations with research centres and universities all around the world.

We took part of different international competitions, accelerators and conferences like "Zero Plastic Waste in the Mediterranean in 2030" competition in Marseilles



Figure 18: group of students from EPF Graduate School



Education and awareness

Guest lectures and presentations on different locations within Italy. We took part of different international competitions, accelerators and conferences like the Green Day in Tivoli and our solution to retrieve plastic from the rivers has been one of the semifinalists at the European Social Innovation Challenge in Turin.





The team of Recycled Island Foundation joined this year's river clean-up with Pet Kupa along the Tisza river in Hungary. The Tisza is one of Danube's most beautiful vet polluted tributaries. It begins in Ukraine, flows almost entirely through Hungary and then enters the Danube in Serbia. The boat race, a lifetime adventure organized by the Hungarian NGO Plastic Cup, contributes to clean the river and its shores, to increase awareness and to build a solid network of experts. This is done by allowing volunteers to sail with boats made with recycled plastic for more than 80 kilometres and to collect plastic litter along the Tisza. This year, we shared the paddles with the ICPDR (International Commission for the Protection of the Danube River) and were awarded the second prize. Throughout the boat race, more than 10 tons of plastic litter have been collected and a significant impact towards plastic-free rivers has been made. We cannot wait to take part in the next boat race and we are inviting you to join us! You can see the vlogs about our adventure on our social media.

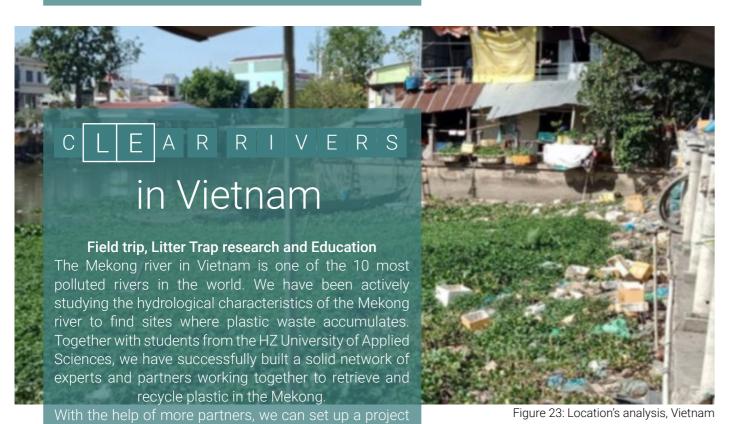
Figure 21: RIF team monitoring locations in Budapest

Report 2019 - Worldwide projects

A plastic-free sea starts here

Overseas





in Vietnam to collect plastic pollution along the Mekong,

recycle the litter into valuable products that will empower local communities, promote ecological consciousness and make urbanized areas greener.

c L E A R R I V E R S in Indonesia

Litter Traps

Ambon waste-free project.

After three years of researches and Litter Traps implementation in the bay, we are ready to start a project together with the city of Ambon.

Recycled Island Foundation will install recycled plastic

Litter Traps in the bay of Ambon and will support the recycling of the retrieved plastic.

Education

In 2019 we concluded our feasibility study in Ambon in collaboration with Den Haag University and Rotterdam University.

Figure 24: Litter Trap made with local materials, Indonesia



Figure 25: Students' group in the Philippines

Inge from Rotterdam University of Applied Sciences worked together with San Carlos University's experts on how to make Cebu City plastic-free. The research field trip was focused on acquiring all the data needed to locally set up a recycling scheme supported by the implementation of Litter Traps in the Philippines.

in Malaysia

Litter trap research and recycling

We're very pleased to present our new international partner FutureAlamBorneo (FAB)!

FAB is an NGO that works on improving the environmental situation in Borneo.

Recycled Island Foundation and FAB have the shared goal to implement a durable approach in the retrieval and recycling of plastic pollution in Sandakan by 2021: we will retrieve the plastics from the open waters and recycle them to improve the housing conditions and living standards. We can do this with a Litter Trap implementation and helping FAB to set up a circular reuse for the stranded plastics.

Together with FAB we will have a great impact on both environmental and living conditions in Borneo.





Figure 27: Plastic pollution in open waters

Summary 2019

Recycled Island Foundation is looking forward to delivering results, developing more international projects and making a considerable impact on the fight against plastic. Thanks to a strong network of partnerships, we are ready to become active worldwide: the more Litter Traps we deploy, the more proof we can provide about the efficiency of our approach, and the easier it will be to catch the plastic from rivers across the world.

Cleanups	Litter Traps	Education	Awareness	Recycling
16 cleanups	3 Litter Traps in Rotterdam, Brussels and Indonesia	programs with different schools and universities	12 awareness campaigns and lectures given	5.000kg of plastic litter recycled nationally
40m ³ of plastic collected during the events	final design for Litter Traps LT5 11 countries	100 youngsters involved 4 research projects abroad	14. presentations given at the Recycled Park	3 3d-printed circular products 1 prototype in collaboration with
	explored	аргоац		UniBrick 3 new explorations in recycling innovations

Plastic-free rivers save our oceans,

Contact us



now

CLEARRIVERS

Don't hesitate to contact us!

You can find us here:

T. +31 (0)10 26 23 701 info@clearrivers.eu clearrivers.eu

Zomerhofstraat 71, unit 258 3032CK Rotterdam The Netherlands

and follow us on our social media channels:









You can watch a video introduction of **CLEAR** RIVERS at the link below:

CLEAR RIVERS introduction

Don't miss all our videos!

CLEAR RIVERS often uploads the latest news on its YouTube channel.

You can watch more and subscribe to the channel clicking on the icon below:



For a plastic-free sea. 99

Annual report

Recycled Island Foundation Annual report 2019



CLEARRIVERS

Rotterdam. The Netherlands

Recycled Island Stichting Zomerhofstraat 71 - unit 256-258 3032 CK ROTTERDAM

jaarrekening 2019

Rotterdam, 11 juni 2020

Balans per 31 december 2019

Activa	31-12-2019 -€-	31-12-2018 -€-
Vaste activa	3.181	2.520
Vlottende middelen		
debiteuren te vorderen omzetbelasting vooruitbetaalde kosten	180 772 809	10.609 1.635 315
Liquide middelen		
Rabo rekening -courant Rabo spaarrekening	1.407 28.002	906 44
Totaal activa	34.351	16.029
Passiva	31-12-2019 -€-	31-12-2018 -€-
Eigen vermogen		
saldo per 1 januari resultaat lopend boekjaar	1.792 20.617	12.132 -10.340
saldo per 31 december	22.409	1.792
Kortlopende schulden		
crediteuren te betalen administratiekosten te betalen vakantiegeld	8.202 700 3.040	11.742 850 1.645
Totaal passiva	34.351	16.029

Resultatenrekening over 2019

Baten	2019		2018	
•	-€-	-€-	-€-	-€-
subsidies van overheden	0		35.066	
baten van particulieren baten van andere organisaties	41.342		0	
zonder winststreven	115.049	<u>.</u>	75.195	
		156.391		110.261
baten als tegenprestatie voor de		41.179		76.114
levering van producten en diensten	•	41.179	_	/0.114
		197.570		186.375
Lasten				
doelstelling Recycled Park:				
plaatsen en onderhoud van vangers	13.386		82.015	
ontwikkelen van nieuwe vangsystemen	24.373		4.320	
innovatie plasticrecycling oplossingen	57.613		78.026	
onderzoek naar opvanglocaties	45.670		8.700	
voorlichting	8.019		3.500	
educatie van leerlingen	3.635		2.000	
organiseren van clean-ups	5.516		4.023	
		158.212		182.584
wervingskosten		1.325		778
kosten beheer en administratie:				
huisvestingskosten	7.465		4.094	
telefoonkosten	0		137	
verzekeringskosten	4.365		1.591	
kantoorbenodigdheden	1.089		832	
administratiekosten vakliteratuur	1.645 130		1.350 47	
klein inventaris	1.378		34	
bankkosten	1.576		219	
overige algemene kosten	79		4.258	
afschrijvingskosten	1.146		890	
, 3				
	·	17.418	_	13.452
totaal resultaat		20.615		-10.439
rentebaten		2		99
		20.617	_	-10.340
	!		=	

Toelichting bij de Jaarrekening 2019 Recycled Park Foundation

Directieverslag

In 2019 heeft de stichting zich gericht op 3 speerpunten:

- 1. Ontwikkelen van nieuwe vangsystemen
- 2. Onderzoek naar mogelijkheden van circulaire verwerking van plastic afval
- 3. Internationaal onderzoek naar hotspots en samenwerkingsmogelijkheden

Wij kunnen nu een reeks van verschillende vangsystemen aanbieden die afhankelijk van het soort afval (micro/macro) en de hoeveelheden die moeten worden opgevangen kunnen worden ingezet. Door de ontwikkeling van een modulair vangsysteem kunnen we onze vangers ook kosten-efficiënter vervoeren en over de hele wereld inzetten.

In 2019 hebben we ook ingezet op de ontwikkeling van nieuwe circulaire producten, zodat we overheden en bedrijven de mogelijkheid bieden om de circulaire keten te sluiten en het afval een nieuw leven te geven. In onze gesprekken met lokale overheden zetten we ook veel meer in op het opzetten van een circulaire keten en niet alleen op het plaatsen van vangsystemen. Hiermee proberen we tot een duurzaam business model te komen waarbij de kosten van het opvangen en sorteren (deels) worden gedekt door de opbrengsten van circulaire producten.

Samen met ngo's, lokale overheden, kennisinstituten en bedrijven hebben we veel tijd geïnvesteerd in onderzoek naar hotspots in rivieren en delta's in Midden- en Zuid Amerika, Europa, Afrika en Azië. Wij ontmoeten daarbij zeer veel enthousiasme en betrokkenheid, maar merken ook dat eigenaarschap en de kosten van opvangen, verwijderen en verwerken struikelblokken blijven, waardoor alle inspanningen in2019 niet hebben geleid tot nieuwe plaatsingen van vangers.

Het vinden van sponsors blijft daarmee ook in 2020 prioriteit nummer 1. Wij zoeken dit sponsorship bij gemeenten, bedrijven, de EU en andere internationale organisaties. Wij merken gelukkig wel dat het aantal partijen dat zich betrokken voelt bij het plastic afval probleem in rivieren en oceanen in 2019 sterk is toegenomen.

Door alle onderzoeken is ons internationale netwerk duidelijk sterker geworden en wij verwachten dat we in 2020 als gevolg van deze inspanningen op meerdere plekken vangsystemen kunnen gaan plaatsen en met lokale overheden en gemeenschappen. Wel is een aantal concrete initiatieven op het laatste moment gestopt door de komst van het corona virus.

Toelichting bij balans en resultatenrekening

Balans

Banksaldo:

Door de ontvangst van een legaat in het laatste kwartaal zijn de liquide gestegen ten opzichte van het voorgaande jaar. Deze middelen worden in 2020 ingezet voor meerdere activiteiten.

Eigen vermogen:

Het overschot van 2019 is toegevoegd aan het eigen vermogen en zal in 2020 worden aangewend voor onze kernactiviteiten.

Resultatenrekening

Subsidies van overheden:

In 2019 is een bescheiden bijdrage ontvangen van de rijksoverheid voor het legen van het vangsysteem in Rotterdam.

Baten van particulieren:

In het laatste kwartaal is een legaat ontvangen een dame die zeer betrokken was bij ons werk.

Baten van andere organisaties zonder winststreven:

Voor het derde achtereenvolgende jaar hebben we een ruime bijdrage ontvangen van een goede doelen stichting die verbonden is aan een internationaal opererend concern.

Baten als tegenprestatie voor de levering van producten en diensten:

Dit betreft bijdragen voor het herplaatsen van een plastic vanger en voor de levering van gerecyclede producten.

Doelstellingen Recycled Park:

Op basis van tijdsbesteding zijn de personeelskosten en projectkosten toegerekend aan de verschillende doelstellingen van de stichting.