



Annual Report 2018



Arche noVa
Initiative for People in Need

arche noVa – Initiative for People in Need

Our Vision

Our vision is a world without hardship in which all people can live self-determinedly and with dignity. Access to clean drinking water and adequate sanitation as well as a good education are an important foundation for this.

Our Mission

We support people in attaining the knowledge, skills and means necessary to bring this vision to fruition.

We enable sufficient and safe water supply, sanitation facilities and context-appropriate hygiene measures (WASH) and improve the living conditions in regions affected by natural disasters, crises and poverty. In doing this, we provide emergency – as well as transitional aid and engage in long-term development cooperation.

We promote good education in Germany and abroad, in order to enable people to take on responsibility for themselves and their environment. The focus of our educational work in Germany is on Global Learning and Education for Sustainable Development (ESD). In our projects abroad, we predominantly support the education of children and young people – usually in connection with the supply of water and sanitation in schools.

Further information is available online at:

www.arche-nova.org

We focus on



WATER



SANITATION



HYGIENE



EMERGENCY AID



REHABILITATION



DISASTER RISK REDUCTION



FOOD SUPPLY



HEALTH PROMOTION



EDUCATION



12-year-old July from Gwa
Chaung Gyi in Myanmar is one
of the people who now have
access to safe drinking water –
thanks to arche noVa.

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Imprint

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About the Annual Report 2018

2018 was not an easy year. Not for the world, nor Europe, nor Germany, nor Saxony and finally not for arche noVa. In many places around the world we did not come any closer to peace and the affected people in these crisis areas are suffering great hardships. Syria, Afghanistan, Iraq, Libya are all still far away from a hopeful new beginning.

In these and unfortunately many other states, the road to a lasting understanding between hostile conflict parties is still very long.

But even in Europe, cosmopolitanism, tolerance, compassion and solidarity can no longer be taken for granted. This is evident in the shameful pictures from the Mediterranean Sea, where we fail to organize the rescue of people in distress at sea. In addition to that, the development of a politics driven increasingly by nationalism, seen not only in eastern European countries is a cause for concern. Here in Germany things are still looking rather pleasant in comparison. The economy is (still) very stable and a populist landslide is not likely. But the political landscape has changed considerably here as well. This holds especially true for Saxony. It makes one wonder, to what extent exactly, intolerant and xenophobic ideas have become entrenched in our society.

And arche noVa? In 2018 we lost Sven Seifert, one of our founding members and long serving Managing Director. For over 25 years he was the face and voice of our organization. His death affected us deeply. But we will keep his legacy alive and continue our work, as he would have wished.

Recently we reformulated arche noVa's vision and mission after extensive discussion, and with that we now have a viable compass at our disposal, to guide us for the upcoming years. On this basis we will continue to make our contribution, so that people in difficult situations do not lose their hope for a better life in safety for themselves, their families and especially their children.

Stefan Mertenskötter
Chairman of the Executive Board



Outlook of the Managing Director

In 2018 I witnessed from a distance how arche noVa has grown since my last engagement in 2015. Big projects have been taken on, new faces have joined. One thing has however not changed: at arche noVa we have a strong team. My first months in Dresden have shown me how tightly the team holds together in difficult situations, and what a great pleasure it is to be back on board.

After the turmoil of the recent years, arche noVa now needs time to stabilize and restructure. We are working with ever growing sums of money in ever more dangerous contexts. On site, every single person that we can reach is important to us. That's why we do not reduce our service. At the same time, however, we have to reduce the risk. We are on the right path, but many procedures have to continue to be standardized and formulated. An important step has been the creation of a position for security management in 2019. More processes have been initiated.

The requirements for us as an aid organization are growing constantly, as are our own aspirations. With our focus on water, sanitation and hygiene we are moving about in a highly complex field. To meet those challenges, we always strive to be better. Selfcritically we ask ourselves what went well and what did not. One conclusion is that we want to establish ourselves more in those regions that we already know well. At the same time, we need to increase our capacities in order to be able to react at any time with quick emergency aid wherever necessary.

However, what the world needs is not just reactive responses to catastrophes or acute crises. Global challenges can only be solved if more and more people become aware of the correlations and act accordingly – in Germany as well. This is why arche noVa promotes Global Learning and Education for Sustainable Development. We have been thinking beyond boundaries for some time already. It is my goal to further expand the cooperation of the department for exchange programs and our work in Global Learning.

Mathias Anderson
Managing Director

WATER IN TIMES OF CLIMATE CHANGE

Increased challenges for Humanitarian Aid and Development Cooperation



Storms, extreme drought, torrential rain – for many people the effects of climate change are already a harsh reality. With our focus on water, sanitation and hygiene, arche noVa is active in the field, where the effects of global warming are already most noticeable.

Climate change is the biggest challenge humankind is currently facing. Its effects are noticeable even today, most prominently when it comes to water. Climate change has already transformed the water cycle, concerning both the amount as well as the temporal and geographical distribution.

Global warming threatens water resources

- The temperature is rising. Evaporation is increasing.
- Climate zones and their recurring weather phenomena (El Nino, monsoon etc.) are shifting.
- Rainy periods are getting shorter, dry periods are getting longer.
- There is more heavy rainfall and flooding.
- The ground water level is dropping. More fresh water is draining off into the oceans.
- Water-bearing layers are salinizing. Heavy rains are flushing pollutants into the waters.

- As water temperatures are increasing, the oxygen levels are decreasing, while at the same time the number of bacteria and vermin is increasing.

The effects of climate change transform and threaten our livelihoods. Especially the increasing water scarcity is an existential threat. Not all people are however affected equally.

Most vulnerable are people dependent on seasonal rains, such as those in our project region in East Ethiopia. Previously, the rain regularly provided their livestock with fresh greens for food. Camels and goats in turn provided milk and meat as the people's livelihoods. But for years now the rain falls in the Somali region fail to appear more and more frequently. In 2017, the devastating drought destroyed three quarters of the livestock and threatened the existence of the families.

Aid organizations have a lot to do

The effects of climate change are already undermining the improvements that the global community have made in the fight against poverty, the food situation and the water sup-

ply. At the same time existing grievances are getting worse. This can be especially serious for people living in disadvantaged regions who already face many challenges. They don't have the resilience to overcome these additional dangers.

Climate change is unjust

- Due to their geographical location and precarious living conditions, people living in the global south are particularly affected.
- Households mostly dependent on agriculture are more vulnerable than households with other sources of income.
- Every local crisis caused by climate change, reduces the resources which would be necessary to adapt to the next crisis.
- The economic damage is especially high where the income is already low.

It is difficult to attach a value to the global requirement for aid caused by climate change. As a matter of urgency is the need for water projects that facilitate supply during shortage periods and improve the water quality. Such projects have diverse positive effects on the living conditions, primary care, health, diet and income of the participants and strengthens their resilience. In some places deep wells need to be built, like in our project in Mali, while in other places water reservoirs serve as a buffer until it rains again.

Our cooperation with the Africa Sand Dam Foundation in Kenya is a good example of such a project. The rainy periods in Makueni County have become unpredictable and there is either no rain at all or too much at once. Many households do not have enough water within reach nor a source of sufficient quality. It is the goal of the project to put the precious rain to its best possible use. To do so we build dams in seasonal riverbeds to hold back a small part (around 3%) of the flood water. Sand is deposited in front of the dams, which becomes a storage medium for that water and prevents evaporation. The dammed water then feeds the local perched ground water. The people have access to drinking water and for the first time there is a possibility of irrigation. This reinforces farming and facilitates reforestation, which in turn improves the local microclimate.

DRR is becoming increasingly important

Disaster prevention is becoming more and more important. The demands with regard to the quality of aid projects are increasing and a better water supply alone is no longer enough. For example, after floods it becomes clear how important projects for drainage and sanitation are. All activities have to be adapted to climate change, which applies particularly to the design and maintenance of buildings. This way costly mistakes and future damage can be avoided. At the same time, it is increasingly important to include the local civil society. Thereby ensuring they receive the skills and means to operate the built systems in the long term and repair possible damages after catastrophes. Therefore, arche noVa works closely with the local communities and supports local organizations in building capacities in the field of WASH.

Fighting the causes

WASH projects in times of climate change are important and effective, and therefore they are one of arche noVa's main fields of activity. However, they must not be misused by society as a "repair shop" that straightens out the things that go wrong. Only if we all take responsibility together do we stand a chance at stopping the climate crisis in its tracks. Apart from onsite aid we need to fight the causes and thus reduce greenhouse gases. Meeting people in those countries that are already affected by the climate crisis encourages us to act even more strongly as advocates for the conservation of resources and sustainable development. Our team from Global Learning has already started doing that. They contribute to more people recognizing the global connections and what their own possibilities for action are with regards to promoting sustainable production methods and consumer behavior.

- By 2025, **half of the world's population** will live in regions with water shortage.
- By 2050, with continuing pressure on water resources and further destruction of the environment **40% of the global grain production** will be threatened.

Sources: UN Water, WHO



Mathias Anderson

Mathias Anderson began his commitment at arche noVa in 2009 as Head of Mission in Sri Lanka. Even back then managing WASH projects was his passion. Today, the trained construction engineer works as the managing director at arche noVa.

CITY – COUNTRY – WORLD

German-Czech Youth Exchange at the Global Camp



In 2018, arche noVa organized a summer camp for young people from Saxony and Czech Republic under the title “City-Country-World – how we want to live in the future”. Here it became evident how Global Learning and international youth work can improve the cohesion of the (world) community.

Initially the skepticism was clearly visible, when the 24 young people arrived on 9 July 2018 at the “Global Camp” in Langebrück in Saxony. Twelve boys and girls respectively, aged 13 to 18 and living in sheltered housing groups from the area of Leipzig as well as the Bohemian Switzerland and the Czech Bohemian Forest region, signed up for a one week camp whose title promised nothing less than the master plan for all of our future. The motto for the next seven days was “City-Country-World – how we want to live in the future”.

Breaking down prejudice

The goal of the Global Camp was to break down prejudices and get to know each other. The necessity became quickly apparent from the initial statements of some of the German participants when asking “why they should even talk to those Czech kids”. One Czech boy recounts that mutual understanding was a bit difficult at first. “But now the ice is broken, and we realized that we have the same kind of humor and have a lot of fun together.” Animated by language games and experiential exercises in mixed groups, it took less than a day until the strangers became a group and even good friends over the course of the week. Tears were shed when it was

time to leave, everybody promised to keep in touch, to visit one another and of course go back to camp next year.

Experiencing sustainability

In a playful way they dealt with topics such as sustainability, European values and global justice. The teenagers thought about how the world could be developed in a sustainable way and how they want to live in the future. With the “game of the world” they examined how population, wealth, resources, wars and refugees are distributed throughout the world. This led to some “aha moments” and an animated discussion about why people in the Czech Republic are so scared of refugees, when there are barely any to be seen. Later, they attended a rally about sustainable projects in Dresden Neustadt. One participant was especially impressed by the for-free-shop on the Alaunstraße: “I wish the idea of such a shop could develop further and spread in the Czech Republic as well.” A guided tour of the exhibition “Racism” at the Deutsches Hygiene-Museum in Dresden provided further astonishment and food for thought.

Shaping the future

Later the young people divided themselves up into different workshops in order to creatively implement the topic of the Global Camp. In the theatre group they tested out behaviors in public spaces, in the Upcycling-workshop they created fashionable wallets from used Tetra Pak containers and fabric from the for-free-shop and decorated old t-shirts with prints. Over and above that, they built a model of the "city of the future" by using old packaging and created a virtual sustainable world in the Minecraft computer game, which of course included a roller coaster. Having this much fun is essential at Global Learning.

The mixture of playful, content-related, creative, and active parts of the program were well received by all the partic-

ipants yet it still also left enough room for personal free time. The daily reflection rounds offered an opportunity to process all the new knowledge and experiences. A lot of important feedback was received. Our team collected all the suggestions and ideas for possible changes from the participants as well as the counselors in order to improve our educational program at arche noVa.

The summer camp 2018 was financially supported by the EU program Erasmus+ and the regional capital Dresden. The program is to be continued in the coming years. A second edition already took place in July 2019. Global Camps are part of arche noVa's growing international program at Global Learning.



The name of the game is "Keep Cool", and it was launched at the second edition of the Global Camp in 2019. Young people from Germany and the Czech Republic explore and discover the relationships between economy, politics and climate change in a playful way.

Global Learning/Education for Sustainable Development at arche noVa

- › **PROJECT DAYS** at schools on topics connected to globalization
- › **WORKSHOPS** and **HOLIDAY PROGRAMS** for teenagers
- › **ADVANCED TRAINING** for teachers
- › online and offline access to **EDUCATIONAL RESOURCES**
- › **ONLINE PLATFORM** www.bne-sachsen.de
- › **OFFICE** for Global Learning in Saxony



Claudia Holbe

is managing the department "Global Learning/BNE" at arche noVa since 2010. In 2018, she expanded the extra-curricular activities for youth work and adult education and organized the summer camp, among others.

SYRIA

15,000

families receive flatbreads every day.



LEBANON

36,900

people gain access to drinking water.



GERMANY

113

project days for Global Learning take place.



IRAQ

90

people meet every month in the camp to collect waste.



MALI

93

teachers become WASH-trainers.



ETHIOPIA

7

water reservoirs are built or repaired.



KENYA

2,600

trees are planted.



UGANDA

35

women are trained as pump mechanics.



ARCHE NOVA AT A GLANCE

In 2018, arche noVa actively implemented a total of 33 projects in 17 countries. The international programs ranged from acute emergency aid for the Indonesian island Sulawesi that was hit by a tsunami to humanitarian aid in Syria with its ongoing battles, all the way to building wells in Mali and disaster prevention in Myanmar.

In total, arche noVa supported 3.86 million people in need.

The total expenditure was 14.9 million euros. 13.6 million euros thereof were spent on international projects, 395.000 euros on the flood relief program and 377.00 euros were spent on the education program.

UKRAINE
26,640

meters of water pipelines are installed.



BANGLADESH

4

wells are drilled in Camp Kutupalong.



MYANMAR

1,004

latrines are built for families.



INDONESIA

2

trainings for inclusive WASH emergency aid are held.



SOMALIA

9

water kiosks start operating.



PHILIPPINES

3

shelters are built or extended.



PROJECT OVERVIEW 2018

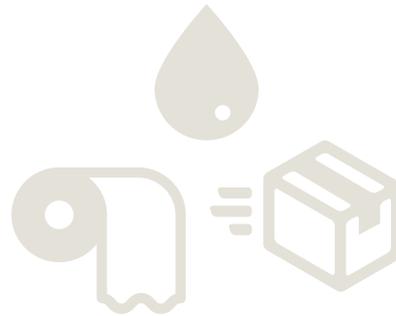
	COUNTRY	PROJECT DURATION	CONTENT	
AFRICA	Ethiopia	12.2016 - 02.2018	Improving water supply and food security in the Oromia region	
	Ethiopia	06.2017 - 07.2018 09.2018 - 02.2020	Humanitarian aid in the fields of WASH, livelihood for communities affected by floodings and drought, Somali region	
	Ethiopia	04.2018 - 06.2018	Humanitarian aid for communities affected by by floodings, Somali region	
	Kenya	01.2015 - 12.2020	Improvement of water supply, reforestation and food security in the districts of Makueni, Machakos and Kitui	
	Mali	03.2016 - 05.2018	Promotion of the employment of disadvantaged groups and improvement of the income situation in the Gao region.	
	Mali	10.2018 - 11.2018	Emergency aid flooding Gao	
	Mali	07.2018 - 30.06.2020	Improvement of water and sanitation supply, income and food security in the Gao region	
	Somalia	01.2018 - 02.2020	Humanitarian aid for communities/IDPs affected by floodings, droughts and conflicts in Gedo, Lower Juba and Galgaduud	
	Uganda	06.2018 -08.2019	Improvement of the water, hygiene and sanitation situation in the Mukono district, training of female mechanics	
	Uganda	10.2017 - 09.2019	Improved access to drinking water, sanitation and hygiene in 8 fishing communities on Lake Victoria	
ASIA	Bangladesh	01.2018 - 12.2018	Improving the living conditions of the inhabitants of the Kutupalong-Balukhali Camp	
	Indonesia	09.2018 - 12.2019	Contribution to humanitarian aid and early recovery from earthquakes and tsunamis in Central Sulawesi.	
	Iraq	05.2017 - 12.2019	Improving the situation of internally displaced people (IDPs) in Northern Iraq	
	Lebanon	10.2015 - 07.2019	Education and WASH for children in Lebanon affected by the Syrian crisis	
	Lebanon	07.2016 - 07.2021	Improvement of water supply in northern Lebanon for Syrian refugees and their host population	
	Myanmar	05.2015 - 07.2018	Disaster risk reduction and improvement of food security and water supply in the Irrawaddy Delta	
	Myanmar	06.2016 - 05.2019	Flood relief and rehabilitation in Rakhine State	
	Myanmar	09.2016 - 08.2019	Improving the living conditions for returning refugees and residents of host communities in Karen State	
	Myanmar	11.2017 - 10.2020	Strengthening resilience through WASH activities and DRR in communities affected by conflict in Shan State	
	Pakistan	07.2015 - 12.2018	Improvement of the food and income situation, water, sanitation and hygiene supply	
	Nepal	09.2017 - 05.2018	Repair of water systems in flooded areas	
	Philippines	01.2016 - 12.2018	Improving resilience of rural communities to the impacts of climate change in the province of Samar	
	Syria	05.2016 - 12.2018	Multisectoral support for victims (IDPs and host families) of the civil war in the northern areas of Syria	
	Syria	06.2016 - 04.2019	Improving access to education for schoolchildren in rural areas west of Aleppo	
	Syria	02.2018 - 01.2021	Restoration of decentralised water systems and waste management for IDPs and host communities in Syria	
	EUROPE	Germany & The Czech Republic	06.2013 - 12.2018	Rehabilitation, psychosocial after-care, disaster management and support for personal provision
		Ukraine	09.2015 - 12.2019	Improving the living conditions of the population in Eastern Ukraine affected by the conflict
	EDUCATION PROGRAM	Germany	01.2016 - 12.2018	One World = Your World
Germany		01.2016 - 12.2018	Global Learning Office in Saxony	
Germany		03.2017 - 12.2018	Club Global - Global Learning in Open Youth Work in Saxony + Global Camp	
Kenya		10.2018 - 02. 2019	2 day workshop on ESD - perspectives from Kenya and Germany	
Germany		01.2015 - 03.2018	S.A.M.E. WORLD - Raising awareness among students, teachers and parents for environmental justice, climate change, mig	
Germany, Lebanon		01.2016 - 12.2018	Further training of specialists and junior staff for emergency aid in the field of WASH	

*non-profit organizations | AA: Auswärtiges Amt, ADH: Aktion Deutschland Hilft, AGJF Sachsen: Arbeitsgemeinschaft Jugendfreizeitstätten AGJF Sachsen e.V., APS: Associação de Professores de Sintra, ASDF: Africa Solidarity Foundation, Barcelona, CeVI: Centro di Volontariato Internazionale, C.I.E.S.: Centro Di Informazione E Educazione Allo Sviluppo, CIDKP: Committee for Internally Displaced Karen People, CTI: Computer Technology Institute and Preschool Education Center, KBGC: Knorr-Bremse Global Care e.V., KWDT: Katosi Women Development Trust, LEZ: Landesstelle für Entwicklungszusammenarbeit des Landes Berlin, MDCG: Maggin Development Consultancy Group, MHDO: Myanmar Humanitarian Development Organization, Center for Transboundary Cooperation, PMM: Polish Medical Mission, SCCD: Slovak Centre for Communication and Development, SNSB: Stiftung Nord-Süd-Brücken, SMDO: Sopyay Myanmar Development Organization,

	BENEFICIARIES	DONORS/SUPPORTERS	PROJECT PARTNERS	COSTS 2018
	16,500	BMZ	SUNARMA	34,037.08 €
	53,103	AA, ADH, KBGC	OWDA	858,777.6 €
	12,000	ADH	OWDA	10,430.4 €
	24,000	BMZ, WILO Foundation, KBGC	ASDF	495,852.6 €
	25,000	AA, ADH	NOR.DEV, Plan International Deutschland e.V.	496,183.2 €
	4,020		NOR.DEV, Nouveaux Horizons	74,401.4 €
	22,500	SKala Phineo	NOR.DEV, Nouveaux Horizons	34,621.2 €
regions	190,000	AA, ADH	ASEP, PAH	490,348.8 €
	5,000	Spenden	KWDT	30,959.91 €
	6,000	BMZ	KWDT	93,941.31 €
	1,800	ADH	OBAT Helpers	14,754.62 €
	1,220	ADH	Arbeiter-Samariter-Bund (ASB)	25,505.55 €
	136,000	AA, ADH	-	2,129,645.30 €
	900	SSK	Social Support Society	260,303.04 €
	62,382	BMZ	Tankamel Sawa	764,832.21 €
	9,000	BMZ	SMDO, MHDO	204,687.20 €
	14,500	BMZ, ADH	MDCG	489,790.11 €
	12,600	BMZ	Johanniter-Unfall-Hilfe e.V., CIDKP	60,855.92 €
	8,000	BMZ, ADH	SMDO, MDCG	440,274.34 €
	200,000	BMZ	Plan International Deutschland e.V.	514,908.18 €
	1,443	AN	GEYC	21,003.72 €
	10,000	FHP	BMZ	228,173.66 €
	1,890,000	AA, ADH	URO	2,610,789.87 €
	9,296	BMZ	KABAS Educational Institution, WATAN Foundation	934,641.36 €
	835,000	BMZ	-	1,009,010.98 €
	130*	ADH	Dobrovolnickým centrem Usti	395,251.28 €
	300,000	AA, ADH, BMZ, Unicef, PAH	-	1,144,670.35 €
	6,832	BMZ, Brot für die Welt, Europ. Kommission, Freistaat Sachsen, Landeshauptstadt Dresden, LEZ, SNSB	Landeshauptstadt Dresden	141.912,98 €
	500	BMZ, Engagement Gobal GmbH, ENS, Freistaat Sachsen, SNSB	Engagement Global, ENS, SMK	86,110.81 €
	1,050	Aktion Mensch, Katholischer Fonds, EU - Erasmus+, Landeshauptstadt Dresden	Landeshauptstadt Dresden, AGJF Sachsen e.V.	79,149.33 €
	20	BMZ	ashoka Afrika, arche noVa Eeastafrika	2,271.78 €
ration	850	BMZ, Europäische Kommission, LEZ	APS, ARTEMISSZIÓ FOUNDATION, BGRF, CEPS, CEVI, C.I.E.S. Onlus (Capofila), CTI, FORCOM, Humanitas, OIKOS, PEIPSI, SCCD	8,184.11 €
	113	AA	WASH Netzwerk	57,453.19 €

and Dam Foundation, ASEP: Action for Social and Economic Progress, BGRF: Bulgarian Gender Research Foundation, BMZ: Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung, CEPS Projectes Socials, ENS: Entwicklungspolitisches Netzwerk Sachsen, FHP: Food for the Hungry Philippines, FORCOM: Formazione per la comunicazione, Humanitas: Society for Human Rights and Supportive Actions, GEYC: Gherkuta Youth Center, Plan International, Plan International's Heart Development Organization, NOR.DEV Association Nord et Développement, OIKOS: Instituto OIKOS, OWDA: Organization for Welfare & Development in Action, PAH: Polish Humanitarian Action, PEIPSI: Peipsi Projekt, SMK: Sächsisches Staatsministerium für Kultus, SSK: Sächsische Staatskanzlei, SUNARMA: Sustainable Natural Resources Management Association, URO: United Relief Office

HELP FROM NEXT DOOR



On 28 September 2018, the island Sulawesi, until then generally unknown, suddenly made headlines. An earthquake and tsunami hit the west coast of the island and devastated it. Our emergency aid team immediately set off. But we were not granted entry. From the neighboring island Balikpapan, arche noVa organized emergency aid to meet the urgently needed water and sanitation supplies on the island.

The mission for the devastated region on Sulawesi provided a unique challenge for arche noVa. Due to the scope of the catastrophe, with over 1,200 deaths, the Indonesian government issued an international request for assistance, but they only allowed aid supplies and no humanitarian helpers from outside into the crisis region. Nonetheless, two experts from arche noVa travelled into the region, taking along two Skyhydrant model drinking water treatments plants.

Ideally, the two employees would have installed the two plants immediately, since drinking water was in great demand in the destroyed communities. When the usual modus operandi is however not possible, it requires new strategies to be developed. arche noVa found a partner in Germany's Relief Coalition, which was already working on Sulawesi, and consequently active in the crisis area.

Quick agreements and good coordination were the order of the day. arche noVa set up the mission on Balikpapan, the island next to Sulawesi, where the government and international relief organizations had set up a logistics center. Our two representatives organized crash courses with regard to drinking water treatment and the construction of latrines adapted to the needs of people with disabilities.

For the past ten years arche noVa has relied on the use of compact ultrafiltration systems in emergency aid. This expertise now had to be passed on to the Indonesian helpers from

the new cooperation partner ASB Indonesia and other organizations. Our team also facilitated the purchasing of generators, water tanks, pipes and much-needed building materials on the local market.

Finally, all the pieces of the puzzle fit together. The local on-site helpers identified 20 communities around the city of Palu, where the need was greatest. The project was started there. In the meantime, arche noVa had flown in more filtration plants to Indonesia. Over the course of the project, together with our cooperation partner, we built 20 plants, 100 latrines and distributed 1,250 hygiene kits to affected families.

In this project, arche noVa really took into consideration the integration of people with disabilities and the elderly as they are usually one of the most vulnerable groups in crisis situations. Consequently, project activities were adapted accordingly. This applies for example to the construction of sanitary facilities and accessibility of the installed water supplies. Another main focus was on hygiene education. Infectious diseases in emergency shelters pose a particular threat to elder people or people with preexisting conditions and disabilities. For this reason, training courses focusing on good hygiene practices were offered.



The earthquake and tsunami left the coastal areas in the west of the Indonesian island Sulawesi in ruins. arche noVa brought drinking water treatment plants into the crisis area.



Mo Ohnma Htway uses the new wash area in her village. The 31-year old mother of two children needs 30 buckets of water per day for her household. With the new water system in Ma Kyin Myaing, the family is well supplied.

STARTING POINT CYCLONE



The cyclone Nargis was the worst natural disaster to hit Myanmar in decades, and consequently the reason and starting point for arche noVa to provide emergency aid in Myanmar. Ten years later, arche noVa is still active in the Southeast Asian country with a variety of extensive projects which have reached more than half a million people to date.

The activities that arche noVa implemented in 2018 in Myanmar range from water supply and income-generating measures to disaster risk reduction. The areas of operation were Shan, Rakhine, Karen State and Irrawaddy Delta, where our involvement started ten years ago.

Since then, the conditions under which projects are implemented have been difficult. Not all the regions in which arche noVa operates are accessible for international representatives. Large parts of Myanmar are marred by violent confrontations, unsolved conflicts and a multitude of grievances. The people who had to endure over 50 years of military dictatorship are yearning for improvement. Myanmar is one of Asia's economically weakest countries.

Our program is designed to address the most pressing needs yet still be feasible within the security limitations. Due to climate change and the country's geographic location, besides the man-made crises, the people in Myanmar frequently have to expect extreme weather conditions. Hurricanes, heavy rains and flooding are regular threats in the country. During the course of the first emergency aid project, arche noVa already started a disaster risk reduction program to try and keep the scale of destruction and losses at a minimum in future. At the same time, we improved the water and sanitation systems in several project villages in the delta.

Yet again, natural disasters led arche noVa to different parts of the country. As is the case in all projects: Our team works closely together with the population and local partner organizations. Over the years this cooperation has been extended. This has made it possible to remain actively involved in those areas where conflicts flare up again and again, such as the Northern Shan State.

Humanitarian and transitional aid in Myanmar, for arche noVa, means building bridges. Not just in the literal sense but also between people. It is about the integration of displaced people in the country and about the support of host communities in unsafe regions. Cash-for-work is an important aspect. We share our expertise with regard to the construction and rehabilitation of WASH infrastructure. The participants receive a small income and their self-resilience is improved.

arche noVa's highlights of 2018 in Myanmar include: the opening of a new school in Lashio, where 490 children now have good learning conditions, safe drinking water supply and new sanitary facilities. We provided rapid emergency aid in Ann Township, where 28 project villages were flooded after heavy rains. arche noVa distributed aid supplies and water pumps to clean the wells. Furthermore, a lot was constructed in this region, such as a bridge in Ngar Ah Shae Village. This reduces the travelling time to the market in Bogale, where the village population sell their produce, by several hours.

AT LEAST THERE ARE BETTER WELLS



Kutupalong in the Southeast of Bangladesh is said to be the biggest refugee camp in the world. About 650,000 Rohingya from the neighboring Myanmar have sought refuge there. They could leave behind discrimination, violence and persecution. But providing care to them at this place of refuge remains an enormous undertaking. arche noVa is building wells and improves their living conditions by supplying drinking water.

Little houses made from bamboo, plastic tarp and corrugated iron stand nearly wall to wall on the cleared hills of Kutupalong. In between the earth has been trampled into small paths. They are the only paths for the roughly 650,000 Rohingya who have lived here since late 2018. Paved roads are not allowed, staying outside of the camp is not welcome.

In 2017, within a very short period of time, a city arose for the fleeing Rohingya in the Southeast of Bangladesh. However, it is a far cry from a functioning community. There is a lack of everything: Infrastructure, basic supply and income opportunities. A heavy hopelessness hangs over the camp. Over and above that a real threat of land-slides and flooding.

Kutupalong emerged so quickly that initially only emergency solutions could be built. One of those were the hastily built shallow wells that could not withstand the demands. Many of them soon were under threat of running dry or collapsing. This is largely attributable to the amount of sewage water that accumulates in the densely populated camp. In some places it runs directly into the wells or it pollutes the upper aquifer that feeds the wells. Especially during heavy rainfalls, germs and bacteria are spreading. The bad water supply is posing a serious problem for the people in the camp. Many elderly and pregnant women are living there, who are particularly vulnerable. And more than half of the population are children, for whom waterborne diseases are especially dangerous. They run the risk of diarrhea, respiratory diseases, dengue fever, malaria and cholera.

arche noVa therefore replaced some of the first wells with deep wells, including a manual pump and a washing area. Together with the local partner organization OBAT Helpers, we built four wells of this kind in 2018. The locations were chosen in consultation with the camp management. It was our goal to drill in those places where the need is especially high and where particularly many families have to live together in the smallest of spaces. Two facilities are located near temporary schools. The wells can supply in total around 1,800 camp residents. At the wells we established and trained water committees. They received tools and spare parts so that they can perform repairs and maintenance work. This was supplemented with hygiene trainings.

The refugee camp Kutupalong is led by the United Nations together with the government of Bangladesh. In order to provide aid as effectively as possible, the humanitarian organizations organize themselves under the umbrella of the UN in thematic working groups. In those so-called clusters the helpers make sure that the residents receive sufficient support. The organizations coordinate their activities amongst themselves. Since the beginning of the project, arche noVa participates in these consultations with the WASH cluster.

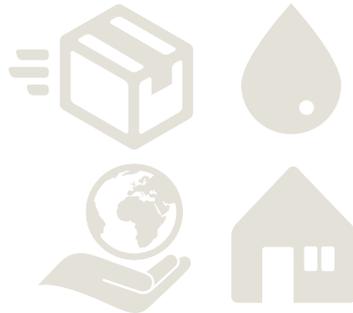
After their expulsion from Myanmar, the Rohingya are dependent on humanitarian aid. arche noVa builds wells in the camp Kutupalong and thus contributes to easing the supply needs.





These children are entitled to a future. They live in northern Syria and cannot remember a time when no one was fighting, and no one had to flee. arche noVa made it possible for them to go to school.

LONGING FOR A NEW BEGINNING



Not matter in what country: Millions of people in Iraq, Lebanon and Syria deeply long for a new beginning. Yet that is only possible for a select few. In 2018, violence, persecution, flight and unsafe living conditions still characterize the daily lives of the people in the Middle East. arche noVa supports the affected people in their places of refuge, on their way back home and in communities that embark on a new beginning.

The people in emergency shelters in Iraq want to leave their tents and containers sooner rather than later and start a new life. But even two years after the government declared victory against the IS, the camps in the north of the country are still a provisionary home for thousands. It is the lack of alternatives that keep the people there. Many hometowns are still destroyed, large parts of the country are without a working infrastructure and the security situation remains tense. Not everyone can or wants to move back or to a new home. Often, they also do not have enough money.

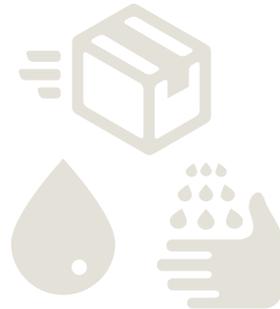
The critical situation in the region hits poor households especially hard. Because their humanitarian need is still great, arche noVa is staying in the area. In 2018, our local team in Iraq secured the drinking water and sanitary supply in five tent and container settlements and took care of good hygiene practices. We are also active at the local level. Our team built and repaired in 2018 water and sanitation systems at schools and for communities in the districts Diyala and Kirkuk that host many internally displaced persons. Thereby arche noVa contributes to the relaxation of the still conflict-prone situation. Meanwhile, the aid in communities in the former war zone is starting up only slowly.

Syria is still far from reaching that point. Although in 2018 there had been a few phases where it was quieter, but the fighting is not over. Hundreds of thousands of people are again and again forced to flee. This applies in particular to the

north. "We see so much misery, often we don't know where to help first," says Jyana. The young teacher from Aleppo is one of over 20 representatives of our team in Syria and fled from bombs and violence herself. She knows what the people need. Every day, our team distributes rations of bread and drinking water to families in need. In addition, there are food packages and hygiene sets. We also build emergency latrines, dispose of waste and pump out septic tanks. Whenever possible, arche noVa invests in sustainable structures, like the repair of local pumps. Additionally, an education program was run.

Many people in Lebanon are wishing for that kind of help, too. In relation to the number of inhabitants, no other country has received more refugees than Syria's small neighboring country. The crisis next door has left obvious traces. The economy has collapsed, the infrastructure run down, the level basic care provided to so many people is inadequate. Especially the children are suffering from the difficult conditions. arche noVa carries out a school program in the Bekaa valley for them, that makes it possible for 850 Syrian boys and girls to go to school regularly. The focus of our aid in Lebanon is the great water, sanitation and hygiene program in the districts North Lebanon and Akaar, where many refugees are living, too. Here arche noVa is rehabilitating and extending the dilapidated water infrastructure.

ALMOST ALWAYS NOT ENOUGH WATER



In April 2018 we received a report from the Somali region in Ethiopia that seems confusing at first: Heavy rain is falling, villages are flooded.

Was the region not just recently hit by a severe drought? What sounds like a contradiction is in fact not. It is one and the same crisis resulting from climate change: a rise of extreme weather events. arche noVa supports the affected communities with emergency aid and water.

Before the people at the Shabelle river could process the most severe drought in decades, in April 2018 they had to struggle with a completely different extreme: with flooding. Heavy rains had hit the rock-solid earth that could not absorb the masses of water. The most important river in the area was suddenly overflowing. Our project villages were affected as well. Many people lost their homes. Among them were families who had specifically moved next to the shallow riverbanks after several phases of persistent drought to gain access to water.

During the acute crisis, arche noVa supported approximately 2,000 households in May 2018, by supplying water disinfectants and hygiene sets. Flooding always carries a particular high risk of infectious diseases. Following the emergency assistance and water levels dropping, the team resumed the original project work. In the communities near the river, we install flood-safe drinking water treatment plants, as the water from the river is not of drinking water quality. By means of pumps, the water is pumped into high tanks. This way sufficient water pressure is created for the filter system through which the water flows to the tap point.

In the rural areas away from the river branches, the biggest problem is not so much the quality of the water but the overall availability of water. The people in the Somali region have experienced 13 droughts within the past 18 years. Many have lost their livelihoods as pastoralists, who traditionally

move with their goats and camels from one pasture to another. Many animals did not survive the last severe drought in 2017. Some families lost three quarters of their livestock. Long queues formed at the last remaining water points.

„Especially during the dry seasons many of us showed signs of deficiencies. The families went long distances looking for water. Some even into different countries. That is why most children stopped going to school,” says Ubah Wardi from Kudunbur. In this community arche noVa built a traditional stonewall covered rainwater tank that is sunk into the ground. It can take up to 800 cubic meters. Together with our local partner organization OWDA, we built all in all ten tanks of this kind. Additionally, we built sanitary facilities and provide hygiene trainings.

“Before, we drank the water from a nearby stretch of standing water next to the road,” says 24-year-old Ubah Wardi. This was a disaster, because the faeces from animals and other waste were polluting the water. “But thanks to the support, we now have clean water that we have access to at any time.”

The water at the tap point in Ethiopian Dhure, where arche noVa extended a well, flows conveniently and perfectly hygienic. Before, the people had to drag their buckets on long ropes out of the unsecured well shaft. During the drought there was not enough water.



The vegetables are sprouting in Kenyan Kithangaini. The irrigation water is from the well at the sand dam nearby. At demonstration plots the 200 villagers have learned new cultivation methods in the course of arche noVa's project.



TO MAKE IT GROW AND BLOOM



In Southeast Kenya the effects of climate change are already clear to see. Although there have always been dry periods in Makueni, Machako and Kitui County, but in the past, they regularly alternated with extensive rainy periods. Now drought is spreading more often and for longer periods of time. arche noVa builds sand dams so the people still have water and can harvest more.

The earth in arid and semi-arid regions contains a large amount of retained carbon. However, if it keeps drying out – which is the case in our project area in Kenya more and more frequently – then it releases greenhouse gases, which speed up climate change. For that reason alone, it is important to act in our project region. Land improvement operations like those arche noVa is implementing together with the local partner organization Africa Sand Dam Foundation, trigger the opposite process. Less carbon is released, and more carbon is retained in the ground.

The green pastures, shady trees and vegetation with a large number of species that grow in the project communities are a visible sign that the project's extensive concept is working. The positive changes there are based on the sand dams that ensure the water supply even during the lengthening dry periods. They keep the precious rain from draining off. In the course of a few months, sand collects in front of the reinforced stone masonry walls in the temporary course of the river that then retains the water. Parts of the water even reaches the local ground water, from which the whole ecological environment profits. Wells and hand pumps make the water accessible for the people.

Interference with nature is kept at a minimum level. Although the cement walls seem rather foreign in the rural area, the dams are constructed in a way that during the rainy season enough water overflows, so there is no negative effect for communities further down the river.

The one-time investment in a sand dam can help a community to feed themselves, become healthier and economically successful. There is not just enough water to cook, drink and for personal hygiene, but also to provide for the livestock and cultivate the fields. To make all of this happen it is also necessary to change old habits. The participating selfhelp groups learn in trainings that fire clearings, charcoal burning, and overgrazing do not lead to better earnings in the long term, but harm the climate, the environment and the local living conditions.

In 2018, arche noVa supported not just the construction of seven sand dams but also reforestation programs and trainings in agriculture. The small farmers learn over the course of our project, how to build terraces on their fields and reduce erosion. They received drought resistant seeds and trainings on sustainable cultivation methods.

Last, but not least, the project encourages the use of energy efficient stoves. To do that, we educate volunteers who in turn spread their knowledge. They explain to neighboring villages how to build better stoves, so carbon emissions are reduced for every family.

Mali

THE DESERT CLOSE BY



One third of the Mali's surface area, the whole North, is part of the Sahara Desert. Together with the transition area Sahel, it forms the world's biggest dry area. It is a difficult living environment, under further pressure due to the growing desert growing. Further exacerbated by the persistent uncertainty in the region. In 2018, arche noVa continues the aid in Mali and focuses on water and sanitary supply at schools in Gao.

In Mali it is not unusual to drop out of school or not go to school at all. Girls stay at home most frequently. Their families cannot or do not want to pay for school supplies and expect help in the household or a financial contribution to the income. Many of those girls also find themselves in early marriages. Sometimes however they are just "trivialities" that end their education: the start of menstruation and the lack of toilets at school.

In the context of our local projects, arche noVa builds sanitation and water systems at schools in the Gao region and thereby makes it easier for older girls in particular to go to school. Of course, all other children benefit from the activities as well. Finally, they do not have to leave school any more to get water or go to the toilet.

Water is the basis for children to grow up healthily. In the north of Mali, though, many families live without access to enough drinking water. Infectious diseases that are associated with polluted water, lack of toilets and an inadequate hygiene situation, are widely spread. These do not just include diarrheal diseases, but also trachoma, which can cause blindness in affected people. Many families are forced to spend money on medication that is then no longer available for food and education.

The children and their families benefit from the new school wells of our project. People living nearby can get water there, although they have to pay a small fee. This money is used to maintain the wells. Over the course of the project we establish committees and hygiene clubs at the schools and pass on good hygiene practices.

Implementing all of those activities is a big challenge – on the one hand from a technical standpoint, on the other because of the difficult security situation. To build the wells in the Gao region, geological analyses and heavy machinery are necessary. The drilling is done by specialist companies. The procedure of the project is managed by the local arche noVa team from the offices in Gao and in the capital Bamako. For the implementation on site, we work closely with the local partner organization Nor.Dev. Their knowledge of the surroundings and close connection to the communities has a large impact on the project's effectiveness.

Due to the difficult security situation, there is considerable danger for everyone involved. In 2018 there were several raids and outbreaks of violence. This is why it is not possible for foreign teams to enter the Gao region. However, it is the civil population suffering the most from the security crisis. They need support urgently, and our project in Mali is doing its contribution.

The children at the school in Kadji can drink the water from the new well with an ease of mind. arche noVa ensures the human right for water at over 50 schools in northern Mali.



IMPACT AND QUALITY

On the way to more efficiency and relevance

arche noVa's work depends on its impact. It is our ultimate goal to improve the living conditions of the people for and with whom the projects are designed. But not everything that is meant well is actually good. That is why arche noVa improves the outcome management step by step.

The environment in which humanitarian aid and development cooperation is required, is becoming more and more complex and insecure. At the same time, expectations and requirements on the professionalism and transparency of aid organizations are increasing. arche noVa rises to those challenges. From the beginning, we have always been on a road of continuous improvement of our own work.

It is the ultimate goal, that the right activities are carried out at the right place at the right time, that then make the desired impact. Therefore, we already work closely together with our local partner organizations and the general public on site when identifying needs. arche noVa pursues a target group oriented, inclusive and holistic approach to our projects. Our wish to use the resources available to us as efficiently as possible, is shared by our donors. But how can this be measured?

To examine the efficiency, arche noVa relies on a comprehensive project cycle management including Logframes. Here we systematically record project goals and subtargets, indicators, results and conclusions. In 2018, we also used another instrument for the first time: the results staircase. This draws the focus of project management on all levels to reaching the goal even more, which is structured in seven levels that are based on one another. Minimum goal is the mere imple-

mentation of the activities, followed by the target group's acceptance, the target group changing their behavior and the transformation of society as the ultimate goal.

The Skala Initiative of the Phineo gAG gave the impetus for introducing this method with its support for the project "Improvement of Water and Sanitation Supply and Income and Food Safety in the Gao Region" in Mali. Together with the local team, the project management spent a lot of time comprehensively describing all impact levels and identifying suitable identifiers. They specified not from top to bottom, but from bottom up what should reach the target groups in which way. Over the course of the project, the results staircase leads the way to project evaluation and makes it easier for arche noVa to analyze and improve the impact of projects in other programs as well.

In addition to that, we continue our commitment in the professionalization of our partner organizations and other NGOs from various countries that are active in the field of WASH or in educational work. By giving workshops and other training programs, we promote the impact of an active civil society beyond our own project work.



Results staircase
© PHINEO gAG

THANK YOU

to all our supporters

The work of arche noVa would not be possible without the help of our supporters. They enable us to react quickly in case of emergencies and to ensure an effective and long-term change. We would like to express our gratitude to everyone who supported us in 2018, among them the following companies, schools, service clubs, foundations and institutions:

COMPANIES:

Audi AG, Auktor Ingenieur GmbH, Berndt Rohr- und Kanalservice GmbH, Brohler Mineral- und Heilbrunnen GmbH, CDM Smith Consult GmbH, Daumann Druckluftdienst GmbH und Co. KG, DiamTec Büssow, Econum Unternehmensberatung GmbH, Fairsicherungsbüro Dresden GmbH, Esders GmbH, GCI GmbH, GEO-NET Umweltconsulting GmbH, greybee GmbH, Großenhainer Geflügelhof GmbH & Co KG, Hartkorn Gewürzmühle GmbH, IDUS Umweltlabor GmbH, Ingenieurbüro Dr. Scheffler & Partner GmbH, Ingenieurbüro Schütze, Institut für Wasser und Boden Dr. Uhlmann, ITB-Dresden GmbH, Kalahari - Afrika Spezial Safaris, Kindorf Consulting, KSB SE & Co. KGaA, KTi Klamra Trinkts Ingenieure für Bau- und Wasserwesen, Kubeneck Architekten, L & A Lasertechnik und Applikationen GmbH, LSA GmbH, LUCIA Dienstleistungsservice GmbH, Mann+Hummel GmbH, Max Knobloch Nachf. GmbH, Meleghy Automotive GmbH & Co. KG, MICRO-EPSILON Optronic GmbH, m-pathy GmbH, Neue Reisewelle GmbH, NILES-SIMMONS-HEGENSCHEIDT GmbH, Ostsächsische Sparkasse Dresden, PAN Veranstaltungslogistik und Kulturgastronomie GmbH, Sachverständigenbüro Günter Grimm, SBS Bühnentechnik GmbH, Stadtentwässerung Dresden GmbH, SZ-Reisen GmbH, Veolia Umweltservice GmbH, VSX - Vogel Software GmbH, Wilhelm Ewe GmbH & Co. KG, WILO SE, WWT - Ingenieurgesellschaft für Walzwerkstechnik mbH, Xylem Water Solutions Deutschland GmbH, Zahnarztpraxis Dietrich Knoblauch, Zahnarztpraxis Dr. Kühn, Zahnarztpraxis Dr. Günzel und Schörken

FOUNDATIONS, INSTITUTIONS, SERVICE CLUBS:

Erbacher Stiftung, Gemeinnützige Stiftung Friedhelm Loh, GenuG - Stiftung für Entwicklung und Umwelt, Knorr-Bremse Global Care e.V., Lions Hilfwerk Dresden Käthe Kollwitz e.V., PHINEO gemeinnützige AG, Stiftung Frieden leben, Wei Ling Yi Not- und Katastrophenhilfe Stiftung, Wilo-Foundation

SCHOOLS, EDUCATIONS FACILITIES, CHURCH ASSOCIATIONS:

59. Grundschule Dresden, Bertolt-Brecht-Gymnasium Dresden, Christlicher Schulverein Zschachwitz e. V., Evangelisch-Lutherischer Kirchenbezirk Pirna, Evangelisch-reformierte Gemeinde zu Dresden, Evangelische Kirchengemeinde Mühlenfließ, Ev.-Luth. Kirchenbezirk Chemnitz, Ev.-Luth. Kirchengemeinde Dresden-Blasewitz, Ev.-Luth. Kirchengemeinde Dresden Klotzsche, Ev.-Luth. Kirchengemeinde Ebersbach, Ev.-Luth. Kirchengemeinde Dresden-Leubnitz-Neuostra, Ev.-Luth., Kirchspiel Großenhainer Land, Evangelischer Schulverein Pirna e.V., Ferdinand-Sauerbruch-Gymnasium Großenhainer Land, Gemeinsam für Afrika e.V., Goethe-Gymnasium Bischofswerda, Gymnasium Dresden-Tolkewitz, Heinrich-Schütz-Konservatorium Dresden, Johannishöhe Natürlich Leben & Lernen e.V., Judith-Kerr-Grundschule Berlin, Philipp-Melanchthon-Gymnasium Bautzen, Schillergarten Beirat Dresden, Schulverein der 116. Mittelschule Dresden, Vereinigung vom gemeinsamen Leben im Ökumenischen Christudienst e.V.



CAMPAIGNS AND EVENTS

Activities of the Communications Department

Good public relations are essential for arche noVa. This way we illustrate our work and bring the people in Germany and our project countries closer together.

The following is a selection of our activities in 2018.



World Water Day in Augsburg: Standing in line for a human right

Nearly 850 million people still do not have access to clean drinking water. Together with Augsburg's public utility company, arche noVa raised awareness for this on World Water Day on March 22 under the motto "Every Drop Counts – Drinking Water for Everybody!". What is taken for granted in Germany does not exist in many parts of the world: clean water conveniently from the tap. 85 yellow water buckets were lined up on the town hall square. One bucket for every 10 million people who have to get their water from unprotected sources day after day.

Series of Charity Concerts: Cello Music for Worldwide Aid

With the headline „Being Inexhaustible“ the cellist Nina Clarissa Frenzel from Dresden organized a series of charity concerts in 2018 in support of arche noVa. She played cello pieces by Bach, Kodaly and compositions of her own. With the series of concerts, the musician finished her academic career at the Sächsisches Landesgymnasium für Musik "Carl Maria von Weber" and at the same time raised awareness for arche noVa's work: "Especially in the current global situation, international aid is needed inexhaustibly," said Nina Clarissa Frenzel. As part of the concerts, arche noVa introduced its work and the current projects.



5 Years After the Flooding of the Elbe: Pro- motion of Making Your Own Precautions

„The next flooding is certain to come – not enough people care!“ Under this motto, arche noVa travelled down the Elbe from Pirna to Dresden on 31 May 2018. The goal of the campaign: To raise awareness about not forgetting to make personal precautions for flood protection. Among the guests on the raft were representatives of the Free State of Saxony, the mayor of Pirna and the management board of SG Kanu Meißen e.V., a club among 120 others that received rehabilitation aid by arche noVa. Additionally, we presented a handbook on disaster management.



From Muddy to Clear: Open House Day at Stadtentwässerung Dresden

It was not the first time that arche noVa was invited by the Stadtentwässerung Dresden to participate at the company's Open House Day at the sewage treatment plant Dresden-Kaditz. In warm weather on 9 September, around 7,500 visitors not only received an insight into a modern water treatment plant, but also had the chance to find out about what sanitation looks like in other parts of the world at arche noVa information booth. The drainage service in Dresden has supported our projects for more than 10 years now.

Campaign against Shrinking Spaces: Freedom to act for Aid Organizations

On 13 September, a broad alliance of German NGOs, among them representatives of arche noVa, demonstrated in front of the Brandenburg Gate in Berlin for democracy and the freedom to act. The organizations called attention to the fact that they were being bullied and threatened when doing their work, more and more frequently. Giving aid is getting more difficult, dangerous and cumbersome. The humanitarian helpers demanded of the government to act against those "Shrinking spaces" and promote the protection of civil society internationally.



© Jörg Farys/Die Projektoren



Demonstration Heart instead of Hate: For a solidary Dresden without racism

As an internationally active aid organization, arche noVa needs an open, solidary and tolerant environment. We watch the current attacks on human rights, freedom of speech and the constitutional state with great concern and therefore we take an unequivocal stand for a diverse, free and solidary society – among other things by participating at the major demonstration "Heart instead of Hate" on 21 October 2018 in Dresden. Together with around 13,000 people, the arche noVa team sent out a sign for universal human rights, equal opportunities and humanity.

Blue Hour: Exclusive Inside Views for Supporters

On 29 November, arche noVa welcomed donors in the Siebscheibenhalle of Stadtentwässerung Dresden. Special guests were Nimat Bizri and Salwa Jabri from the Social Support Society in Lebanon. They told of a project very dear to their heart in cooperation with arche noVa, which allows Syrian refugee children to receive a regular education at schools in the Bekaa valley. Other exciting activities included determining one's own ecological footprint with the educational team and speaking to the experts of our international projects.



CONTINUED STABILIZATION

arche noVa was able to use 2018 to further stabilize its economic base and top up the reserves for emergency interventions and international projects to the increased requirements. The revenue from donations increased due to diverse fundraising measures to over 1.4 million Euro.

In 2018, arche noVa could again increase its economic stability. The increase in the income through donations and a constant improvement of the effectiveness of the use of funds allowed for the increase of reserves for emergency aid projects and projects in development cooperation from 426,482 Euro to 663,856 Euro. Those reserves lead to more flexibility for disaster relief projects as well as better strategical planning options for projects with higher equity ratio. This way we are also better protected against possible risks, for example reclaims of grant donors, failure of services of project partners or payment defaults of grant donors.

We see the increase in reserves and current revenues also with regard to the internationally increased requirements to the project administration and the common standard, as a positive basis in order to allow for an adequate development of the organization. This applies mainly to the development and implementation of regulations and standards in project work. The implementation and enforcement in the project countries in particular would not be possible without further human resources. We are glad to be able to invest in this sense.

In 2018, expenditures for marketing, general public relations work and general administration increased by 59,027 Euro. Its share of total expenditure rose slightly from 3.3 percent in the previous year to 3.5 percent. The increase in revenue through donations are based on the continuous development of fundraising. Measurements like postal mailings and collaborations with companies and major donors were extended.

The balance sheet total decreased by 950,000 Euro to 4.07 million Euro in 2018. This is due to the use of restricted reserves.

The remuneration within the headquarters office is based on the public service wage scale in Germany. In 2018, wages of junior project managers, administration staff and public relations assistants were based on wage group 7 (30,900 EUR/year); wages of project coordinators were based on wage group 8 (29,820 – 35,692 EUR/year); wages of heads of departments were based on wage group 9 (34,752 – 36,853 EUR/year); wages of head of international projects were based on wage group 10 (42,626 – 41,300 EUR/year); wages of managing director were based on wage group 11 (54,000 – 55,200 EUR/year). These numbers show the gross earnings of a 40-hour-week. arche noVa employees usually work up to 36 hours per week. Starting 1 January 2019, arche noVa implemented in the headquarters office in Dresden, a house tariff system, which shows – after many years of preparatory phase – the financial resources of the organization as well as our employee's changed financial expectations.

International project staff receive local pay scale wages. These wages are well-researched in order to prevent distortions of local pay scales.

As of 31 December 2018, arche noVa had 48 full-time and other employees, 17 of whom worked abroad. Six volunteers worked at the organization's headquarters (two of them on a regular basis). Personnel expenses of the whole organization (including international employees working abroad) amounted to 1.26 million Euro in 2018. The executive board, the audit commission and the general assembly work on a voluntary basis.



Frank Engel

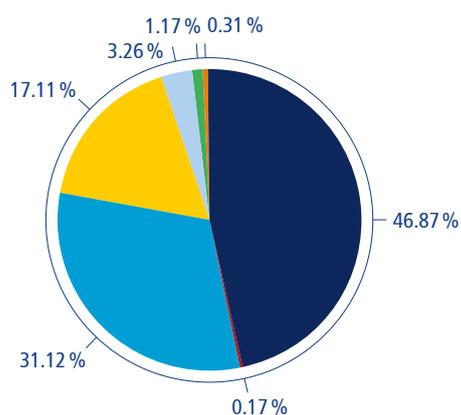
Frank Engel has been responsible for arche noVa's finances since 2005. He is the head of our Financing & Controlling Department, which has been expanded due to the growth of the organization.

REVENUES & EXPENDITURES 2018

Revenues (in Euros and percent)	2018	2018	2017	2017
Donations	1,421,820.26	10.41	1,009,560.05	6.04
Donations in kind	-	0.00	-	0.00
Discounts	17,000.00	0.12	-	0.01
Membership fees	1,025.00	0.01	875.00	0.01
Allocations of monetary fines	6,275.00	0.05	9,775.33	0.14
Contributions of public authorities	11,426,137.79	83.63	10,419,180.18	81.76
Other contributions	747,736.49	5.47	1,235,992.33	9.70
Revenues from non-profit taxable and tax-exempt activities	9,054.86	0.07	8,066.00	0.06
Revenues from taxable activities	1,659.00	0.01	7,565.00	0.00
Income from interests and capital	-	0.00	-	0.00
Other revenues	31,417.91	0.23	53,282.23	0.02
Total	13,662,126.31	100.00	12,744,296.12	100.00

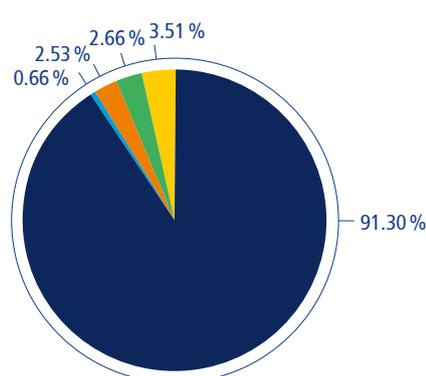
Expenditure (in Euros and percent)	2018	2018	2017	2017
Project expenses	13,972,153.80	93.95	13,012,006.06	93.38
Campaigning, advocacy and educational work	376,702.20	2.53	458,902.45	3.29
Marketing and public relations	248,217.75	1.67	199,196.41	1.43
Administration	274,088.61	1.84	264,082.49	1.90
Total	14,871,162.36	100.00	13,934,187.41	100.00

Breakdown of revenues from donations



Unrestricted funds (46.87%)	666,343.74 €
Emergency aid (0.17%)	2,422.50 €
Africa (31.12%)	442,478.30 €
Asia (17.11%)	243,285.78 €
South America (3.26%)	46,294.64 €
Europe (1.17%)	16,626.85 €
Education program (0.31%)	4,368.45 €

Breakdown of expenditures



International projects – Humanitarian Aid, Rehabilitation, Development Cooperation (91.30 %)	13,576,850.13 €
Refugee Aid Germany (0.66 %)	52.39 €
Global Learning Germany (2.53 %)	376,702.20 €
Flood Relief Germany/Czech Republic (2.66 %)	395,251.28 €
General Administration, Marketing and Public Relations (3.51 %)	522,306.36 €

Financial Report 2018

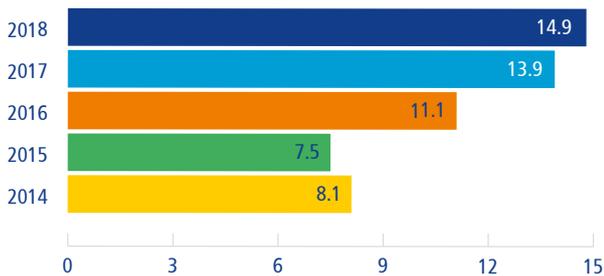
BALANCE SHEET 2018

ASSETS (in Euro)	2018	2017
A FIXED ASSETS		
I. Intangible assets		
1. Concessions, licenses etc.		1,032.00
II. Tangible assets		
1. Other assets, operating and business equipment		
Vehicles, means of transport	12,673.00	24,766.00
Other assets and equipment	21,156.00	35,739.00
III. Financial assets		
1. Other loans	5,361.30	5,145.75
B CURRENT ASSETS		
I. Receivables, other asset items		
1. Trade accounts receivables	25,000.00	2,761.93
2. Other asset items	635,124.76	947,508.30
II. Cash balance, bank balance	3,366,812.58	3,989,793.87
C DEFERRED EXPENSES AND ACCRUED INCOME	2,085.77	14,987.94
	4,068,213.41	5,021,734.79

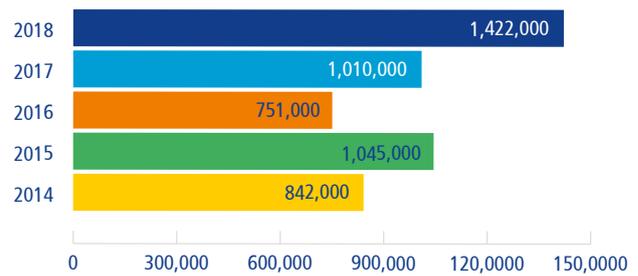
LIABILITIES (in Euro)	2018	2017
A ORGANIZATION'S FUNDS		
I. Organization's capital	158,036.61	153,905.48
II. Reserves		
1. Restricted reserves	3,089,790.75	4,341,802.93
2. Unrestricted reserves	185,794.90	146,949.90
B ACCRUALS		
1. Other accruals	61,253.20	58,706.35
C LIABILITIES		
1. Liabilities to financial institutions	106.55	26.70
2. Trade payables	114,945.89	70,775.87
3. Other liabilities from not yet used funds	129,458.41	516.49
4. Other liabilities	328,827.10	249,051.07
	4,068,213.41	5,021,734.79

DEVELOPMENT OF EXPENDITURES AND DONATIONS

..... Total expenditure
in millions of Euros (rounded)



..... Income from donations
in Euros (rounded)



AUDITOR'S REPORT

The auditor Ulrich Paserat audited the annual financial statements, comprising the balance sheet, profit and loss calculation as well as the notes to the financial statements, taking into account the bookkeeping and management report for the business year of 2017 and given a full audit certificate. The audit confirms that the annual financial statements comply with the legal requirements of German commercial law in all material respects.

It further states that the annual report gives a true and fair view of the of the organization's situation regarding assets, finances and earnings in accordance with the German principles of proper accounting. The audit provides a suitable view of the organization's position and aptly presents the opportunities and risks of future development.

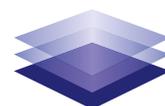
In accordance with Section 322 (3) of the German Commercial Code (HGB), the auditor confirms that the annual financial statements and the management report comply with the legal requirements. He further verifies the proper conduct of management.

The auditor's report was signed by Dipl.-Wirtsch.-Math. Ulrich Paserat, on July 30, 2019.

arche noVa has been carrying the DZI seal of approval without any interruption since 1993. The "DZI – Deutsches Zentralinstitut für soziale Fragen" (German Central Institute for Social Issues) is an independent scientific information and research center supported by public authorities. In 2017, the DZI identified a percentage of 3.78% in advertising and administrative expenses in relation to the total expenditure (0-10% low, 10-20% adequate, 20-30%). At the time of the editorial deadline of this annual report, the annual examination of 2018 had not yet been made.



arche noVa has signed the voluntary commitment declaration of Transparency International. Accordingly, we publish the required 10 most relevant pieces of information about our organization on our website www.arche-nova.org, where it is easy to find and understand.



Initiative
Transparente
Zivilgesellschaft

MANAGEMENT BOARD

Mathias Anderson manages arche noVa



In April 2019, Mathias Anderson takes over the management board at arche noVa. The trained civil engineer and project manager with international experience has worked in Humanitarian Aid, Transitional Aid and Development Cooperation since 2006. For arche noVa alone, Mathias Anderson was active in twelve countries in total.

In my professional past ... I have worked for other non-governmental organizations (NGOs) from Germany and Norway, as well as the United Nations. Everything started with the rehabilitation after the tsunami in Sri Lanka, but soon the focus of my work moved to the WASH (water, sanitation and hygiene) field. Most recently I worked at a company that builds and sells mobile drinking water treatment plants and sanitary solutions for humanitarian actors.

I am responsible for ... the head of board. I have seen arche noVa grow over the years and want to support the organization in the resulting professionalization. It is important to me to establish sensible procedures in the different departments at home and on site, in order to support our members of staff so they can focus on their actual work.

I am happy to work for arche noVa because ... I have come to greatly appreciate the organization. Particularly during the often highly complex international projects I always knew that I can rely on the support of my colleagues in Dresden.

In my opinion, the biggest challenge in Humanitarian Aid is ... the current rise in humanitarian crises in numbers, but also in their duration and complexity. Especially in violent conflict

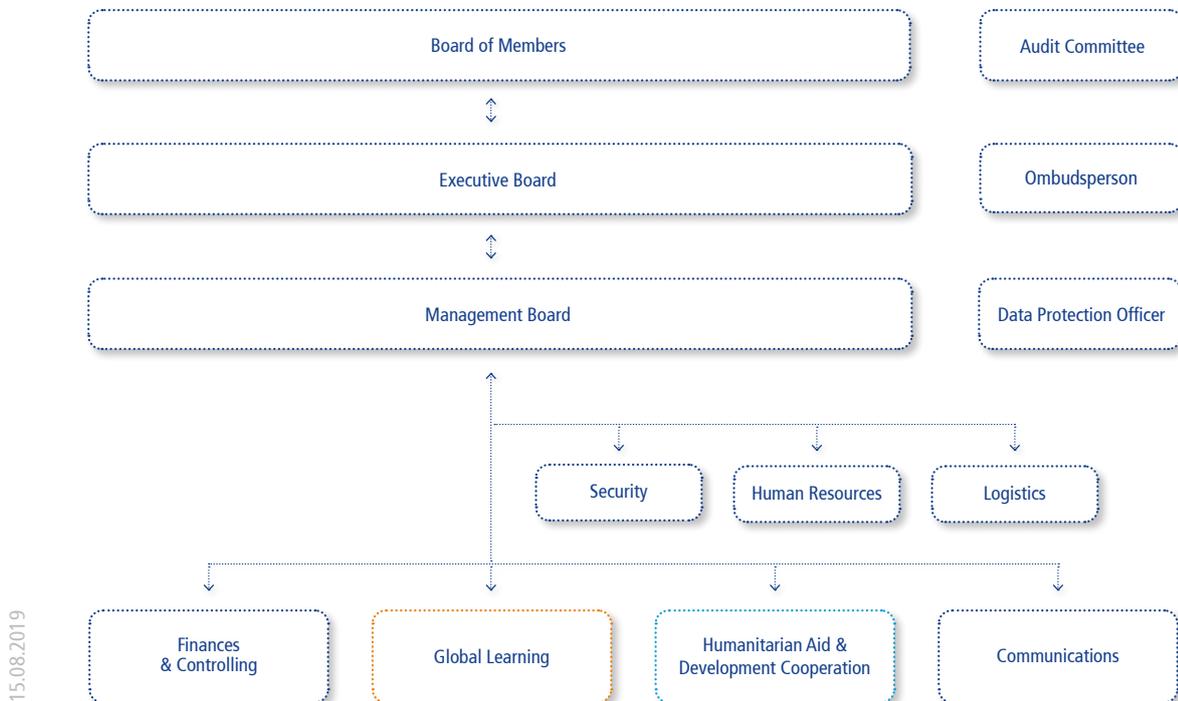
settings our action is increasingly restricted by the deterioration of humanitarian access. As an organization we therefore have to develop strategies that enable us to still reach the affected people in the most efficient ways possible.

I am looking forward to ... the collaboration with the arche noVa team, which includes in addition to several familiar faces also many new ones. As a born and bred Hamburg boy, who spent more than half of his life abroad, it is also nice to take roots near the Elbe again, albeit a little further up the river.

Five years from now ... arche noVa is still reducing people's suffering, whereby especially in development cooperation the organization increasingly puts its focus on local presence, in order to build long-term capacities on site that can also be mobilized in situations of crisis. On an international level, arche noVa has asserted itself as a prestigious, professional and solid NGO without losing its connection to its own history of origins.

ORGANIZATIONAL CHART

arche noVa – Initiative for People in Need



arche noVa – Initiative for People in Need is a registered and charitable non-profit organization. Its organs are the Board of Members, the Executive Board, the Management Board and the Audit Committee.

Board of Members: The Board of Members meets annually. It is the highest board of the organization, defining the organization's guidelines. Its main tasks are deciding on the formal approval of actions of the Executive Board, implementing amendments to the articles of association, deciding on the expulsion of a member, electing the Executive Board, electing the Audit Committee and adopting the annual budget. There are currently 41 members.

Executive Board: The organization's Executive Board is elected for a period of three years. It has between three and five members. The different positions within the board are assigned by the members themselves. The actions of the Executive Board are approved based on a factual and financial annual report by the Executive Board and the annual assessment of the independent audit committee. The members of the Executive Board are volunteers. According to the articles of association, the Executive Board manages the organization's business. This can be done by the members themselves, a full-time managing director appointed by the Executive Board or a special representative. Chairman of the

executive board is Stefan Mertenskötter, vice chairman is Cornelia Trentzsch, and the treasurer is Jan Löper.

Management Board: The management is in charge of the day-to-day administration of the organization. It is appointed by the Executive Board. Mathias Anderson has been full-time Managing Director of the organization since April 1, 2019.

Audit Committee: The Audit Committee is elected every second year by the Board of Members. The Audit Committee may inspect all documents of the organization at any time.

Data Protection Officer: The external Data Protection Officer monitors compliance with the General Data Protection Regulation of the EU (GDPR) and the German federal data protection act (BDSG) throughout the organization.

Ombudsperson: The Ombudsperson is an external and independent contact person for any complaints regarding the activities of arche noVa. He or she takes action if someone feels affected by misconduct on the part of the organization, if there is a suspicion of corruption or advantagetaking or if victims of sexualized violence want to report incidents and seek support.

OUR PARTNERS 2018

arche noVa is active in networks at a local, national and international level. We cooperate with local authorities, governmental institutions and non-governmental organizations. This allows us to adopt a coordinated approach to our projects and create a strong lobby for our cause.



Aktion Deutschland Hilft – action alliance of German aid organizations



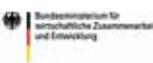
Aktionsbündnis Dresden Hilft – alliance of arche noVa and the capital city Dresden



ASB Deutschland e.V. – Workers' Samaritan Federation with its international aid program



Auswärtiges Amt – of the Federal Republic of Germany, committee humanitarian aid



BMZ – Federal Ministry for Economic Cooperation and Development



Der Paritätische/Paritätischer Landesverband Sachsen – welfare organization of independent organizations, institutions and groups working in the field of welfare, social work or self-help groups



Echo – European Community Humanitarian Office – supports the work of aid organizations in case of a major catastrophe



Entwicklungspolitisches Netzwerk Sachsen – alliance of associations, groups and initiatives who work for a sustainable future and worldwide justice



EuropeAid – The Commission's Directorate-General for Development and Cooperation – EuropeAid is responsible for designing European development policy and delivering aid throughout the world



GTO – German Toilet Organization e.V. – German organization for sustainable sanitary solutions worldwide



Johanniter-Unfall-Hilfe e.V. – is not just active in Germany but in more than 20 countries all around the world



Malteser International – supports people in need regardless of their religion, origin or political convictions



PAH – Polska Akcja Humanitarna – helps the victims of humanitarian crises caused by armed conflicts and natural disasters



Plan International – engages for a world, where children can freely live and develop themselves



RWSN – Rural Water and Supply Network global is a global network of rural water supply professionals and organisations committed to improving their knowledge, competence and professionalism ...



Sächsische Staatskanzlei – official residence of the chief minister of Saxony

Saxon Ministry of State for Education and Culture



Sustainable Sanitation Alliance – an informal network organisations who share a common vision on sustainable sanitation ...



tolerantes sachsen – network for democracy and against racism in Saxony



UN OCHA – United Nations Office for the Coordination of Humanitarian Affairs, part of the United Nations Secretariat responsible for bringing together humanitarian actors to ensure a coherent response to emergencies



UNICEF – United Nations children's fund



VENRO – association of non-governmental organizations working in the field of development policy issues



WASH-Netzwerk – Initiative of German NGOs that work in the field of water, sanitation supply and hygiene

Many national and local partner organizations in our project countries.

OTHER PARTNERS 2018

In the field of education, arche noVa cooperated with the Saxon Ministry of Education, the TU Dresden, the University of Leipzig, Engagement Global gGmbH, the ESD Expert Net, the VHS Dresden, AGJF Sachsen e.V. as well as other partners in Germany and various European countries.

A rich harvest at the self-help group Mbukilye Ngukilye in Machakos County in Kenya, where arche noVa provides water by building sand dams and promotes sustainable agriculture.





We work with local partners.

We transfer our expertise to the beneficiaries.

We strengthen people's self-help capabilities.

arche noVa –
Initiative for People in Need

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