



CADUS e.V. - Redefine Global Solidarity

Holzmarktstr. 25 | 10243 Berlin | Germany

info@cadus.org | www.cadus.org

CADUS

ANNUAL REPORT 2017

Dear reader,

A busy and intensive year is behind us. After the overwhelming feedback from the art and music scene and the associated donations at the end of last year, we were able to use the money over the winter to convert and equip our two vehicles to a mobile hospital. After political conditions in northern Iraq made a quick transfer to Syria impossible, requests from the World Health Organization opened up a new perspective: the establishment of a care station in the contested West Mosul. In the Iraqi city, a humanitarian catastrophe arose, and we were in Erbil, only 80 km away, with packed and ready-to-use equipment, waiting to be transported to Rojava for the mobile hospital. We made the decision to set up a so-called trauma stabilization point in Mosul, where we medically injured civilians and stabilized them to the extent that transport to the nearest hospital is possible. Within just a few weeks, we were able to treat over 1,500 seriously injured patients. During the year, we provided much-needed emergency medical care in other Iraqi regions such as Tal-Afar, Hawija and Al-Qaim.

In Berlin, we continued to work to create a place where humanitarian challenges can be rethought, and innovation becomes an essential part of humanitarian work. Collaboration with United Nations agencies and other international humanitarian organizations has provided us with important insights into the professionalized world of humanitarian aid, but also highlighted the high standard of our work in international comparison. For us at CADUS, it is still clear that without the support and networking of many thousands of individuals, artists, clubs and festivals today, we would not stand where we are. You and ours are grateful and hopeful that you will support us in the coming year in the upcoming tasks.



Sebastian Jünemann

CADUS – Redefine Global Solidarity

What is CADUS?

CADUS is a non-profit and independent aid organization based in Berlin. In our work, CADUS e.V. supports people affected by crisis. We understand crises as a broad term. It includes emergency situations such as Sudden Onset Disasters and Crisis related to conflicts and wars and humanitarian crisis due to flight and migration. Furthermore, we also see political and environmental dynamics as an integral part which causes different type of humanitarian crisis. Therefore, a crisis is a multilayered phenomenon with complex underlying social and ecological dynamics.

Our work is mainly driven by three principles.

Flexibility and Mobility

CADUS e.V. as a humanitarian organization wants to work in areas where most other aid agencies are not able to be active. Our work is based on modular and flexible systems which allow us to react fast and effective to quickly changing crisis situations. Challenges to the modern humanitarian system, such as asymmetric conflicts or targeted attacks on humanitarian actors can be tackled by our approaches.

Transformation of knowledge and technology

For us, humanitarian work is not a one-sided transfer from "western" highly professionalized organizations towards "needy", "passive" victims. Together with local communities, we want to develop new and innovative projects that are both adapted to local conditions and also actively shaped by recipients of humanitarian aid. Therefore, it is essential to assure the exchange between CADUS e.V. as a humanitarian organization and those directly affected by crises. At the same time, this transfer also means interdisciplinary. People from various backgrounds, such as students, hackers or technicians have specific expertise, which can have great potential, once brought together. This creates the opportunity to develop new and sustainable solutions to humanitarian problems.

Innovation and development

In order to find solutions, we need creative thinking. Innovation should arise through interdisciplinary action. Organizations and individuals should be given the opportunity to implement humanitarian solutions, especially when structural disadvantage or lack of financial resources prevents active participation in humanitarian work. Additionally, we do have the principle to provide all of our solutions as blueprints and as open source.

In short, our goal is a reflected way of working within the field of humanitarian aid. This includes a focus on engaging local communities. We want to think about the causes and not just fight the symptoms. In addition, when implementing our projects, we try to look at them from different angles and take all dimensions into account. This means that we include technical, social, economic and environmental aspects. For us this approach is essential for effective and sustainable humanitarian work.

The three humanitarian principles are the basis for our work. Despite modern challenges and rapid changings within the humanitarian system these guiding principles still remain essential for our work.

Nevertheless, it is important to discuss these principles in order to clarify our interpretation and position.

Impartiality

Human rights apply to everyone, no matter what a person might have done before. As humanitarian helpers, we are neither judges nor enforcers. The way we treat people is based on their needs and not according to whether they belong to an "ethnic", religious or political group.

Independence

It's a utopia to claim that humanitarian work is completely detached from financial constraints. For us it is important to deal with these monetary constraints transparently and openly. We clearly oppose funding that is linked to the interests of any political or religious party. We would like to be able to finance our projects purely from private donations. However, this is almost impossible due to the extremely high costs of medical emergency humanitarian aid. That is why we are partly financed by funds from international institutions, which also are committed to humanitarian principles (such as the Institutions of the United Nations). In addition to private donations, we also accept funds through foundations and from the private sector. We only accept these fundings under the condition that they under no circumstances influence our work and the way we carry our work. Additionally, companies and foundations that support us must not contradict our values and principles.

Neutrality

In our missions we do not differentiate among the origin of people, their political or religious affiliation. Humanitarian aid means that every human being has the right to help and support. We want to openly criticize structures and policies that cause this suffering, as these ultimately make our work necessary. Our goal is clear: basically, we want to make ourselves superfluous. This will only work if we are in solidarity with the people who are in crisis and depend on support. It is this solidarity that drives us to act as humanitarians. For us, humanity does not only mean a short-term approach in the combat against suffering, but to work together with those affected to avoid this suffering.

Who are we and what are our goals

Many of us did work in the humanitarian field before. What we had in common is a dissatisfaction with various things. On the one hand, we have started our own organization because we wanted to be able to address and re-think precisely this dissatisfaction openly and unencumbered. On the other hand, we have come together from a completely different context that brings a very special drive into our work. Most of us are familiar with the organization of small, large and big events from the musical (sub-) culture.

When organizing, for example, major festivals, you also know exactly what is needed in the crisis intervention in humanitarian aid. Namely many trades around the daily life: power supply, water supply and disposal, food supply for very large groups. That means there are specialists for all the areas we need in humanitarian aid.

On the other hand, there is something that we have often missed in humanitarian aid. Also in the organization and execution of large events always unforeseen things occur, planning does not work as expected. You must be able to find extremely fast solutions to unthinkable or unprecedented problems. Here we are experiencing an innovation that we have missed in the humanitarian context.

By founding CADUS e.V. we wanted to bring this joy of innovation, this joy of finding new ways and finding solutions into the humanitarian context.

Who is behind CADUS

CADUS e.V. is a non-profit association registered in the district court of Charlottenburg in Berlin. CADUS is officially represented by the four board members: Matthias Grott, Simone Schrempf, Anna Sauerwein and Jonas Grünwald. Rather, we are a colorful bunch of people from different social backgrounds and different skills in our team. We are, for example, paramedics, graphic artists, biologists, engineers and fundraisers. But we all share the goal of making humanitarian aid unconventional and critical.

The Chief Executive Officer is Sebastian Jünemann. Sebastian has successfully graduated in biology, education and organizational psychology, but his heart has always been on emergency medicine. On a regular basis he has been involved in humanitarian aid for various organizations since 1999 and throughout his studies has worked in a senior role in rescue services. In 2014, he and some friends sparked off the founding of CADUS.

Supporter

Our work would not be possible without the large number of supporters. Only in this way we are able to implement the high workload and the various projects despite our small team size and the limited financial framework. Our supporters are as diverse as our fields of activity. From hackers to doctors to technicians, a wide variety of people are part of CADUS, who have spent so much time and energy making CADUS what it is today. In recent years, we have been able to evolve from a small group with an idea into an international humanitarian organization, pursue new approaches to humanitarian work and save hundreds of lives in Iraq.

How we work

As a small project with a tangible and comprehensible distribution of tasks, our focus was always on the personal freedom of all employees and supporters. In recent years, we have grown steadily and were faced with the associated challenges.

Today we have a structure based on collegial cooperation based on common values and goals. We divide our responsibilities into five areas within which we structure our work. These five departments are in regular contact with each other, which in turn is managed, coordinated and evaluated via the interface of the management.

The management, consisting of CEO and Chief Financial Officer (CFO), is the interface of all departments. It is also primarily responsible to the Board. The individual departments are in regular contact with each other and above all also with the management. Operations as well as innovation and development represent the largest departments with the most subgroups involved. In operational terms, these primarily include the "Safety and Security" area and crewing, which in turn is directly connected to the Department of Human Resources. Research and development is mainly taking place in cooperation with the University of Science and Technology Berlin (HTW) and the Beuth University, where a research project could be established. The communication department includes both public relations and fundraising.

What we do

TSP, Iraq

The mobile hospital for Syria we built last winter has finally arrived in the region in March. The closure of the border between Turkey and northeastern Syria made a detour to Iraq necessary for us. There, we were approached by the World Health Organization (WHO) as to whether we could imagine setting up a trauma stabilization point (TSP) for civilians during the recapturing of Mosul. That was not quite the scenario we had been working for. But the necessary materials and specialists from our side were in the region, and political considerations delayed our border crossing to Syria. So we decided to take WHO's offer.

From the beginning of June, our task consisted in the so-called first-line response, that is, in the supply of critically wounded civilians at a distance of about one and a half kilometers behind the fighting in West Mosul. In the period up to the end of June, we provided emergency services to almost 1,500 people, stabilized them for transport to the hospitals and also accompanied them to the hospitals in critical outpatient clinics. At the WHO, our mobile hospital was well received due to its very short setup time and quick deployment, so we were asked to work in other regions in Iraq in the First Line Response. Since there was no secure border crossing towards northern Syria, we have decided to provide a TSP for the campaign in Tal Afar and from September around Hawija. In Mosul we were primarily responsible for trauma injuries as a result of hostilities in a densely populated city, medical work in and around Hawija was primarily characterized by general medical concerns. Some residents had no access to medical care since the takeover of the so-called Islamic State in 2014, simplest drugs were not available or only at extremely inflated prices.

After the end of the fighting in Iraq, our work was completed in al-Qaim, the border town of Syria. Our technical team, which had always been involved in the previous months, was asked if it would be feasible for us to rebuild an operating room. Since most hospitals were rendered unusable by fire, artillery shelling or mining for the civilian population, there was a need for urgent action. Our technical team was busy inspecting and diagnosing the General Hospital in Al-Qaim in November and December and eliminating the worst damage to electronics and static.

At the same time, the operations management on site made every effort to complete the transfer of the mobile hospital to Syria. Hundreds of hours of visits to authorities, meetings with ministers and civil servants in Iraq and Germany have come together, with the result that we expect to be able to send the two vehicles and their newly installed equipment for use in Syria on the onward journey next spring.

Our Workshop at Holzmarkt

Situated in the Holzmarkt quarter in Berlin's Friedrichshain district, our workshop is set to become the new centerpiece of our research and innovation department. It all began when we were searching for a workshop to convert our trucks into what is now the mobile hospital. After months of work in drafty halls at freezing temperatures last winter, we came across an S-Bahn arch on the Spree shore, with plenty of space to develop and realize ideas. When works on the trucks were completed, we asked ourselves right away how we could put the site to further use, and to develop it into something greater than a mere workshop. Our close contacts to Berlin's Hack scene and to many small, innovative companies, we soon decided to use the site as an open space to enable innovative projects for humanitarian missions. To put it straight, we team up with diverse groups, non-profits and individuals who share our humanitarian ideas to find technical solutions needed to support

missions in regions with poor infrastructure, throughout enduring crises, or during asymmetric conflicts. With a strong focus on usability, we strive to involve the actual users in all planning stages. Our innovative Ideas emerge from the mutual perspective of all stakeholders, rather than being the brainchildren of singular developers from European industrial countries.

In addition to networking tasks and the procurement of tools and machines, 2017 saw us redevelop the concept of our mobile hospital in order to boost our speed, mobility and efficiency. Meanwhile, diverse possibilities are literally at hand, from a container solution featuring pick-up mounted transportation and a box system, all the way to an airdrop concept that may become reality in the long run. Whilst a lot is still in the planning stage, we will put the first ideas to the field test in 2018.

Remo²hbo

Our experience from our first training sessions in northern Syria in 2015/16 resulted in the desire to make medical technology available to local populations even in less economically developed regions, and beyond the common markets. Teaming up with a research group led by several professors at the Berlin based universities of applied science, Hochschule für Technik und Wirtschaft (HTW) and Beuth Hochschule für Technik, a research project was initiated to develop a robust, low-maintenance vital data monitoring device. Externally funded by the Institut für angewandte Forschung Berlin (IfaF), the project has entered the second development stage by the end of 2017.

The somewhat clumsy project title 'Remo²hbo' was derived from the initial idea: Repairable Patient Monitoring in Mobile Hospital Boxes. Usage of the simplest measuring sensor technology possible and display on mobile devices are currently in the conception stage. Whilst large portions of the hardware are being developed at Beuth University, programming will likely be assumed by HTW University in 2018, and CADUS specialists contribute their expertise gained in recent field missions. Moreover, we perform the required measurements and examinations with standard commercial devices in order to define the load limits for the emerging healthcare device. Our stress tests include sandblasting, extreme dust exposure and heat-up in a climatic chamber, along with the required valuation and conclusive assessment. In cooperation with our project partners, we hope to test and present the first prototypes by the end of 2018.

Collaboration with Universities and research projects

Since the beginning of the year, we have initiated and extended the 'Remo²hbo' research project in cooperation with the two universities of applied sciences, HTW Berlin and Beuth-Hochschule. In addition, CADUS has mentored various academic projects at the industrial design department at HTW Berlin this year. CADUS will oversee the completion and realization of several of these projects. A model project is currently being set up to allow HTW students to gain hands-on experience with design thinking, which they can learn and apply with CADUS. In collaboration with the respective faculties at HTW, we have conceived modules for this project to impart theoretical aspects as well as practical experience with machines and materials in our workshop over the course of one semester. Further university campuses outside Berlin are currently being discussed to host similar undergraduate projects in the field of medical technology if the concept proves successful.

E-learning and Telehealth platforms

By the end of 2015, crossing the border into Syria became extremely difficult for CADUS. The medical training for first aiders on site that we had initiated had to be discontinued. We reacted by developing an E-learning platform in 2016, which we expanded further throughout 2017.

The project aims at the education of local paramedics who will be able to provide first aid. Even without a steady Internet connection, content is made available on mobile devices via our platform. Participants may use their respective local servers as a library and download all desired content to their devices or use the server as a digital classroom for local training classes. The platform minimizes the prerequisites for educating medical staff and enables simple knowledge transfer, thus allowing for uninterrupted teaching regardless of political circumstances.

Additionally, CADUS began to build up a Telehealth platform in 2016 in order to make up for the lack of experienced medical staff on site. The platform strives to connect specialists from diverse medical fields, allowing the upload of medical cases for all connected doctors to discuss and assume according to their individual capacities and knowledge. It thereby creates an opportunity for the medical staff on site to receive expert medical support in real time in case of emergency. Moreover, diseases that are uncommon in a geographic area may be diagnosed and co-treated by doctors from other regions, where the respective disease pattern is more frequently seen.

Through its activities in Iraq in 2017, CADUS successfully expanded the network of medical experts who contribute to the Telehealth project.

Who we join hands with

CADUS makes a point of actively promoting the interconnection of humanitarian NGOs. Consequently, we extended our cooperation to the most diverse organizations in 2017. In addition to collaborations on an operative level, CADUS teams up with various cultural organizations and non-profits, e.g., OffTheRadar and Hafenklang Hamburg. The Mobile Hospital Project maintains a close working relationship with More Than Shelters and the Kurdish Red Crescent (Iraq/Syria), as well as with several smaller Iraqi organizations, e.g., the Bring Hope Foundation.

On an institutional level, we have cooperated with the health ministries of the diverse provinces of Iraq. An especially fruitful cooperation has been established with the ministries at Erbil and Nineveh.

Finances

The year 2017 can be considered as a year of financial stabilization for CADUS. Numerous information events and media attention for the projects of the association led to an increased willingness to donate. The increased efforts to receive grants from public and non-public institutions also led to initial positive results.

Income

The finances stabilized during the year 2017. CADUS was able to register significantly higher donation income of around EUR 797,500. Winning a grant of USD 120,000 has contributed significantly to an increase in donations. Individual donations and regular donations led to a stabilization of funding in 2017. The increased expenditure is mainly due to the overall growth of the organization.

Expenses

In 2017, the total expenses amounted to EUR 545,499.5. A large part of this flowed into the projects themselves with EUR 263,800 project-related costs (including fees). Only 2.3% of all revenue went to public relations and representation. 5.8% of the income was spent on the association's internal administration (excluding rent and wages), totaling 46,300 euros. Including rent and wages, the administrative burden amounted to 125,700 euros, a total of 15.8% of all revenue.

Balance Sheet				
of the financial statements				
as of 31.12.2017				
CADUS e. V.				
As sets			Liabilities	
A. Fixed Assets			A. Assets of Association	
I Property			I Revenue reserves	
1. Technical installations and machines	5.124,00		1. Voluntary reserves	28.903,49
2. Other installations and equipment				
Transportation	22.314,00		II Result carried forward	
Other installations and equipment	49.953,00		2. General result carried forward	67.826,12
Total - Fixed Assets	77.391,00			
			III Year-end result	258.969,01
B. Current Assets			Total - Assets of Association	355.698,62
I Receivables and other assets			B. Liabilities	
1. Other assets	7.017,20		1. Bonds	8.500,00
II Cashbox, bank	280.097,76		2. Other liabilities	409,38
III Balance of sales tax account	102,04		Total - Liabilities	8.909,38
Total - Current Assets	287.217,00			
Total Assets	364.608,00		Total Liabilities	364.608,00

Income Statement in EUR			
of the financial statements			
01.01.2017 - 31.12.2017			
CADUS e. V.			
Profit de termination			
A. Non-Profit			
I Income - not taxable			
1.	Membership fees	100,00	
II Cost - not associated			
1.	Depreciation	-20.494,08	
2.	Personnel cost	-40.382,93	
3.	Travel cost	-123.130,83	
4.	Occupancy cost	-38.970,14	
5.	Other costs	-315.913,12	-538.891,10
Result - Non-Profit			-538.791,10
B. Income neutral positions			
I Non-Profit			
1.	Tax neutral income		
	Donations	797.476,94	
	Other tax neutral income	4.379,92	
2.	Non deductible expenses		
	Paid donations	0,00	801.856,86
Result - Income neutral positions			801.856,86
C. Asset management			
I Costs			
1.	Other costs	-2.859,83	-2.859,83
Result - Asset management			-2.859,83
D. Other business operations			
I Other business operations 1			
1.	Sales revenue	2.521,74	
2.	Cost for material		
	Cost for raw material	-3.058,66	
3.	Cost for other business expenses	0,00	-536,92
II Other business operations 2			
1.	Cost for material		
	Expenses for benefits received	-700,00	-700,00
Result - Other business operations			-1.236,92
Year-end result			258.969,01



CADUS e.V. - Redefine Global Solidarity

Holzmarktstr. 25 | 10243 Berlin | Germany

info@cadus.org | www.cadus.org

Impressum

Published by:

CADUS – Redefine Global Solidarity e.V.

Am Sudhaus 2, 12053 Berlin

Responsible for content:

Sebastian Jünemann (CEO)

Kristof Kietzmann (Research and Development)