



**La chaîne
de l'espoir**

Together, let's save children

2022[!]

Activity Report





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Prof. Alain Deloche
Founder of La Chaîne de l'Espoir

We founded La Chaîne de l'Espoir by bringing together three key elements:

- **children**
- **medicine**
- **developing countries**

Our goal: to provide medical aid to children who are victims of their place of birth. Children are our absolute priority: they represent the future, and it is of paramount importance that they benefit from high-quality healthcare and education. La Chaîne de l'Espoir is a medical organization created by doctors specializing in pediatrics: cardio-pediatrics, orthopedic pediatrics, neuro-pediatrics...

And we made the decision to concentrate our efforts on pediatric surgery, a speciality which requires great excellence but which is nonetheless essential. We intervene in developing countries because, unfortunately, modern medicine is often sorely lacking in those regions. Consequently, children suffering from illnesses are not diagnosed or treated.

Our founding act was to bring children to France for surgical operations. However, this model is limited by the fact that we could only operate on a restricted number of children in French hospital structures. We also wished to sustain our action over the long-term in the countries where we intervened. For this reason, we wanted to operate on children close to home, in their own countries. Over time, this approach led us to adapt our action so as to include new objectives such as training, building and equipping medical infrastructures, thus enabling the autonomization of local teams and the treatment of children in their native countries.

This strategy also aims to encourage South-South cooperation by allowing patients to always get treatment as close to home as possible through the creation of medical hubs in sub-regions, as in West Africa in recent years and Indian Ocean soon.

This has been a long journey which now means a great success for us. Because today many hospitals which we have built and many teams we have trained, like in Cambodia, for example, have become exemplary local models for the treatment of sick children.

However, we have also realized the difficulties of this strategy of treating children on the spot, amidst all the constraints of local conditions... Therefore, even though most of our beneficiaries are cared for in their own countries, we continue to receive children for treatment in France.

The primary mission of La Chaîne de l'Espoir is to provide medical care for children and their mothers but we are also ready to respond to emergencies and humanitarian disasters all over the world. Haiti was a turning-point for us when we intervened to provide orthopedic treatment to children injured in the 2010 earthquake. Since then, we have extended our field of action to other emergencies in the world, such as in Kabul.

Our action has not changed the world but it is a strong symbol because it brings a glimmer of hope.

Vision and mission

La Chaîne de l'espoir is an international medical NGO, independent, apolitical and non-denominational.

We are focussed especially on vulnerable people, notably children and women.

We emphasize a logic of intervention integrated in a chain of care and joint action with local teams, aiming at their autonomy.

To that end, our volunteer doctors, caregivers and technicians carry out operations and provide training on the techniques best adapted to needs and situations.

We put in place the structural means necessary for surgery, both material (hospital construction, equipment) and human (surgical, medical, paramedical and technical skills). Upstream, we invest in prevention and screening.

We work in close partnership with all the healthcare actors (local authorities, hospitals, international institutions, associations, companies) to provide a coordinated response and ensure a long-lasting impact on the living conditions of vulnerable people.

Our axes of intervention



Medical care and surgery

to meet the most urgent needs of children and mothers in France or abroad, when they don't have access to technical and financial means in their native countries.



Training

of local teams thanks to our international network of medical experts.



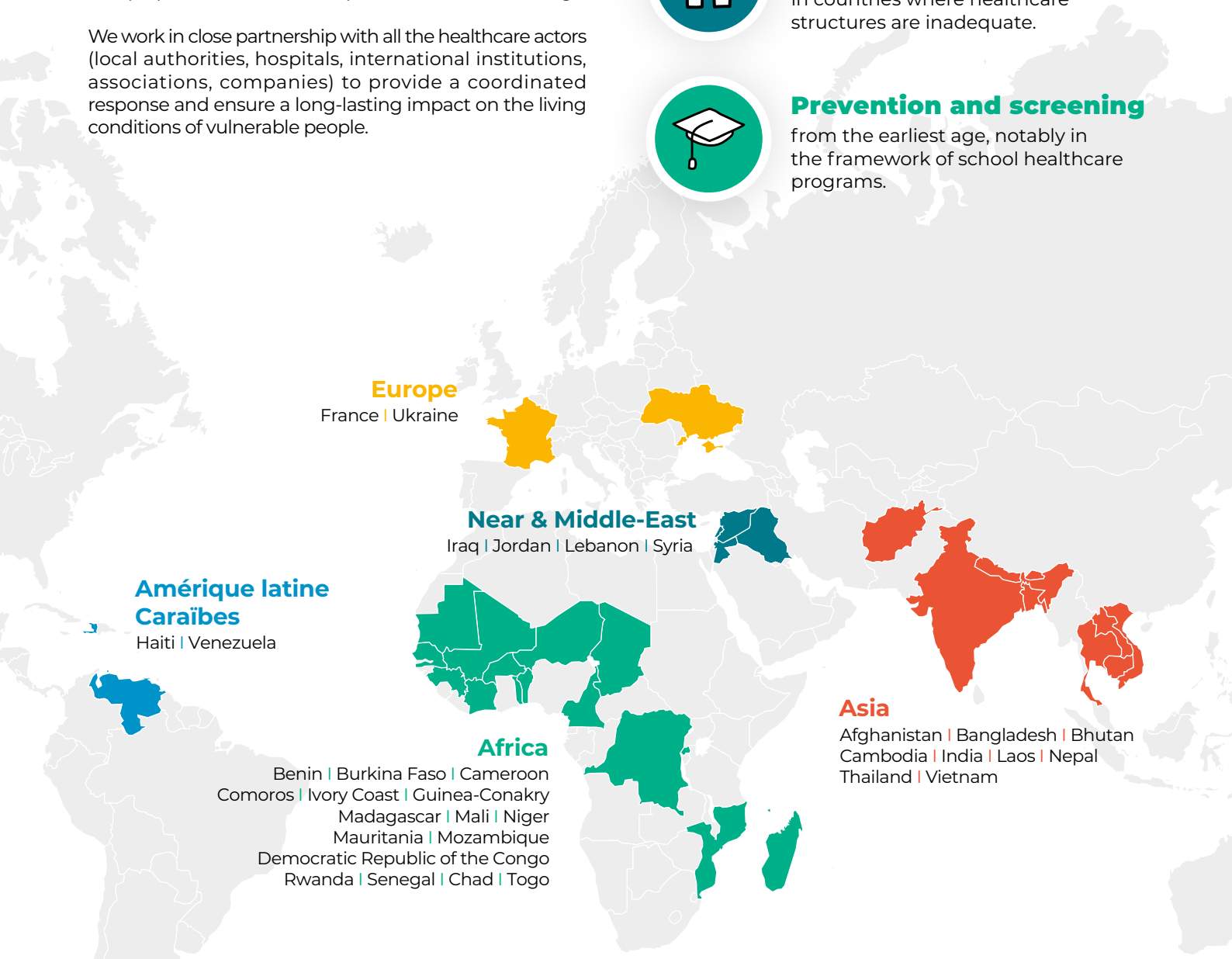
Building and equipping hospitals

in countries where healthcare structures are inadequate.



Prevention and screening

from the earliest age, notably in the framework of school healthcare programs.



Europe
France | Ukraine

Near & Middle-East
Iraq | Jordan | Lebanon | Syria

**Amériqne latine
Caraïbes**
Haiti | Venezuela

Africa
Benin | Burkina Faso | Cameroon
Comoros | Ivory Coast | Guinea-Conakry
Madagascar | Mali | Niger
Mauritania | Mozambique
Democratic Republic of the Congo
Rwanda | Senegal | Chad | Togo

Asia
Afghanistan | Bangladesh | Bhutan
Cambodia | India | Laos | Nepal
Thailand | Vietnam



Interview with Dr Éric Cheysson Chairman of La Chaîne de l'Espoir

2022 was a year of adaptation! Adaptation in face of multiple crises but also in the aftermath of Covid-19 which has left in its wake a huge number of untreated patients and interminable waiting lists...

An exceptionally difficult overall context

The world was faced with multiple geopolitical crises affecting more than half of the intervention zones of La Chaîne de l'Espoir, namely Afghanistan, Burkina Faso, Mali, Iraq and of course Ukraine. The most vulnerable populations suffered the full force of these political and financial crises. Some of our institutional funders were even forced to withdraw from certain zones and suspend their support. This put us in a precarious financial position at a time when the number of patients was constantly increasing. In spite of these numerous challenges and obstacles to our action, we have forged ahead with our mission, determined to act at all costs and to continuously adapt to changing circumstances.

A war zone in Europe: a first for La Chaîne de l'Espoir

On 27 February 2022, the conflict in Ukraine broke out and La Chaîne de l'Espoir reacted by deploying an emergency intervention. Our mission first of all took the form of supplying targeted medical material in different conflict zones and then providing training in war medicine. This was the first time that La Chaîne de l'Espoir intervened in a war zone, in particular in a European territory.

This emergency action also led us to reflect on the creation of a medical and biomedical emergency unit, enabling us to act in an effective and targeted manner. And this thanks to our network which facilitates links with teams on the ground and thus leads to precise focussing and evaluation of needs over all the war zones.

Afghanistan, the infernal spiral

Since the takeover of power by the Taliban, the number of patients at the French Medical Institute for Mothers and Children (FMIC) in Kabul has constantly increased. In 2022, the Children's Pavilion was faced with a sharp rise in the number of patients requiring care. We now have an intake of more than 250 patients every month but there are severe constraints on our reception capacity and the functioning of the Pavilion.

Furthermore, the FMIC is faced with a brain drain threatening our qualified personnel. Finally, successive government decrees excluding women from public life lead us to fear the worst. For the Taliban, it is inconceivable to allow women to be treated by men. But Afghan women are now excluded from school and can no longer study medicine. So in the future there will be no more female doctors to treat the numerous women waiting for care in the FMIC.

Nevertheless, despite all these difficulties, we have continued our support to the FMIC because the Afghans are in dire need of our help.

Stone after stone, vital infrastructures take shape

In 2022, we continued the construction of indispensable medical infrastructures, notably in the framework of our action in Madagascar and Iraq. In Madagascar, the rehabilitation and equipping of the cardio-pediatric care unit of CENHOSOA in Antananarivo has been nearly completed, which will enable a reduction in the mortality rate of children suffering from cardiopathies.

In Iraq, the construction of the Sinjar French Medical Center is continuing despite the difficulties of the situation and the opening is planned for the end of 2023. The objective of these projects is to reinforce the healthcare structures of certain regions deprived of medical infrastructures and thus improve care for the populations concerned.

The pathway to independence and autonomy

France too has its own problems: a context of great difficulties and shortage of personnel in French public hospitals. These hospitals which are indispensable for our action are now overloaded and it was sometimes more difficult for us to operate on children in 2022. To meet these challenges, we have intensified South-South cooperation, notably thanks to the Centre Cuomo in Senegal which now takes in all the children from the West-Africa sub-region.

This cooperation enables us to achieve the objective of independence and autonomy of local teams who can now operate by themselves after receiving high-quality training and mentoring. This shows the success of our intervention.

A space of reflection and liberty for volunteers

Nevertheless, in 2022, the number of volunteer caregivers involved in the many programs of La Chaîne de l'Espoir increased substantially. This growth enabled a promising renewal and the formation of new medical teams.

Our association offers a space for reflection and liberty, giving meaning to a hospital environment which is often harsh and dehumanized. We must further develop the medical department, mobilize senior volunteers to accompany juniors, establishing a system of mentoring and cooptation, while at the same time ensuring our presence at congresses... We must intensify this effort.

Growth at every level

In 2022, La Chaîne de l'Espoir saw a substantial increase in its budget and also in its workforce thanks to the arrival of new skills. We have also seen a significant rise in institutional funding with a notable involvement of the Crisis and Support Center of the French Ministry for Europe and Foreign Affairs. In spite of a difficult inflationary context, the donors of La Chaîne de l'Espoir rallied to the cause, enabling us to reach a level of collection of donations, particularly donations by direct debit, high enough to carry out our projects.

Our challenges for the future

We are committed and determined to aid the most vulnerable populations and to give them access to the healthcare they need.

We face many challenges for the future, notably reflection on new technologies such as artificial intelligence. We are striving to extend and diversify our sources of funding, through corporate sponsorship, bequests and development of our branch in the United States, United Surgeons for Children. We also wish to develop our partnerships with other NGOs so as to optimize the impact of our actions. We must also continue to provide care to children in France and to the patients of the program

Accompaniment of Hospitalized Children. We are also trying to resume our meetings, the "Mondays of La Chaîne de l'Espoir", in order to discuss political questions and develop our personal and collective reflection.

Rallying everyone to the service of our mission

As our thirtieth-year dawns, we are at a crucial turning point. In these difficult times, team cohesion, solidarity between employees and volunteers, are more important than ever.

We must keep in mind the fundamental values taught by Prof. Alain Deloche, such as respect and affection for each other. It is also essential to remember the companions who have contributed to our success since 1994 and who are leaving us now.

We are grateful for the commitment of our volunteers on the ground, in France and around the world, and of course for the confidence of our donors. Every member of La Chaîne de l'Espoir must remain a messenger and a spokesperson for our action!

Highlights 2022



Treatment, surgery and training

Middle-east / Eastern Europe

■ Ukraine

La Chaîne de l'Espoir mobilized from the beginning of the war in Ukraine to reinforce the capacities of the Ukrainian healthcare system and enable it to deal with the influx of casualties.

We dispatched more than 23 tons of material to different hospital structures: traumatology kits, biomedical equipment and consumables. And in collaboration with our partner Mehad we trained more than 250 Ukrainian healthcare personnel on techniques of war medicine.

■ Jordan

In September 2022, La Chaîne de l'Espoir initiated a new project, in partnership with different organizations of Jordanian civil society, for the next three years.

Objectives: improve access to care and reinforce the capacity of the Jordanian healthcare system to provide overall care for vulnerable children suffering from disability or at risk of disability due to congenital orthopedic disorders.

France

■ Accompaniment of Hospitalized Children

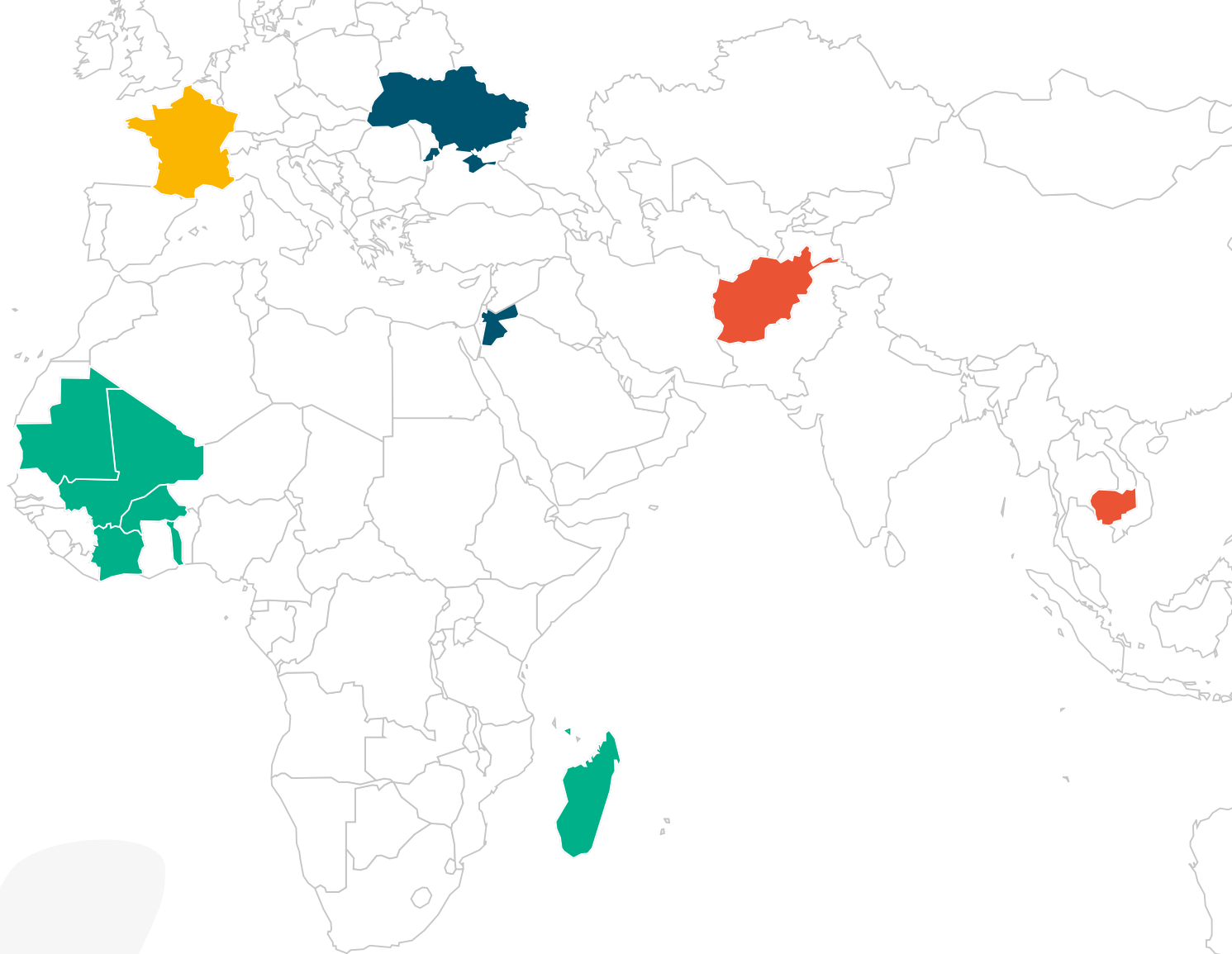
An evaluation of the program for the Accompaniment of Hospitalized Children (AHC) was conducted and finalized in 2022 thanks to the support of the NEHS Foundation. This evaluation clearly showed the improvement of the child's well-being due to the organization of accompaniments.

It also encourages us to continue the expansion of the program, with notably the signature of a new agreement in Lyon and the deployment of the program in two new partner establishments, l'Hôpital Femme Mère Enfant and l'Hôpital Louis Pradel

■ Care for children in France

In 2022, 72 children were received in France by volunteer host families of La Chaîne de l'Espoir so that they could benefit from surgical care unavailable in their native countries.

In September more particularly, the contact organized by the Hospices Civils de Lyon between Dr. Amadou Daouda and Prof. Alain Deloche made it possible for Nigerien children suffering from congenital cardiopathies to be transferred to France for treatment.



Asia

■ Cambodia

In Cambodia, the cardiac surgery training of the teams of l'Hôpital Calmette in Phnom Penh, started more than 20 years ago, proved to be a great success in 2022. The teams in the hospital are now autonomous and our program of support for training and access to care has now been completed. Nevertheless, we remain present in Cambodia in order to continue our financial support and to contribute to the training of teams at the Kantha Bopha Foundation, on cardiac, orthopedic and brain surgery.

■ Afghanistan

May 2022 marked the resumption of medical missions to Afghanistan after their temporary suspension following the takeover of power by the Taliban in 2021. A total of 9 missions took place dedicated to cardiac surgery, cardiology, anesthesia, obstetric gynecology and orthopedics. The French Medical Institute for Mothers and Children (FMIC) is faced with a substantial brain drain of its medical and paramedical team: our medical missions therefore enable us to train the hospital teams and to treat complex pathologies. Also in 2022, confronted with the increasing number of children suffering from malnutrition, La Chaîne de l'Espoir created in the FMIC a service dedicated to the renutrition of these children and 1943 of them benefited from this unit.

Africa

■ West Africa

Transfers of children from West Africa to the CHU de FANN in Dakar in Senegal showed a sharp increase in 2022 and 30 children were operated on. Also, certain pathologies affecting young pregnant women were treated quickly and urgently, allowing two lives to be saved, those of a mother and her future baby.

■ Mali

Since 2019, La Chaîne de l'Espoir has organized missions to accompany the medical teams of l'hôpital du Mali in the treatment of children suffering from burns caused by ingesting caustic soda. In 2022, the Malian teams are henceforth autonomous in performing complex surgeries: plasty of the esophagus.

This success allows us to continue the mentoring through care for children whose esophagus has been burned in the upper part, a surgery which requires different techniques, practised by ENT surgeons.

■ **Ivory Coast**

In Ivory Coast, we launched analytical work on the medical project started in 2018 at the Hôpital Mère-Enfant (HME) in Bingerville and proposed strategic axes for the development of new activities, in liaison with the governance of the hospital and the Lebanese consulting company APIS.

This study should enable expansion of the provision of care in the HME starting from 2023, proposing services which are now non-existent or very rare in the country.

■ **Togo**

In Togo, the year 2022 was marked by the finalization of phase 1 of the project « My Health, My School: A Collective Challenge in Togo » initiated in 2019 with the financial support of the French Development Agency (AFD), aiming to promote the health and well-being of 9,600 pupils in eight schools in Lomé.

Phase 2 of the project began in April 2022 for 3 years with renewed support from the AFD. Between the two phases, an impact assessment was carried out in order to formalize the approach developed in the framework of this school health program, to bring out the link between the project activities and national policies for education, healthcare and social action, and to show the functional framework existing in the establishments.

■ **Burkina Faso**

In January, during a plastic surgery mission on Noma, the volunteer medical team of La Chaîne de l'Espoir, working with the local team, carried out the first reconstructive

surgery on the jaw ever performed in Sub-Saharan Africa, thanks to a made-to-measure prosthesis.

In October, the teams of Dr Adama Sawadogo of the CHU of Tengandogo performed for the first time a fully autonomous cardiac surgery operation. This is an important milestone in mentoring by La Chaîne de l'Espoir and in skills transfer to local teams.

■ **Madagascar**

In 2022, La Chaîne de l'Espoir took delivery of the renovation work of the technical platform for cardiac surgery in the Centre Hospitalier de Soavinandriana, Antananarivo in Madagascar. Thanks to this work, the hospital will carry out the country's first open-heart operation in 2023.

■ **Union of the Comoros**

A first exploratory mission in the Union of the Comoros initiated a feasibility study with a view to developing a project of care for pediatric cardiopathies in collaboration with the NGO MAEECHA.

The goal of this major project is to improve the diagnosis of pediatric cardiopathies through enhancing the skills of Comorian cardiologists but also to enable treatment of children by means of cooperation between the islands and across the Indian Ocean sub-region.



Togo



Infrastructure & equipment

■ Iraq

In Iraq, the year 2022 ended with the completion of structural works on the Injar hospital, a major milestone of this project. Despite the constraints of the site, the vagaries of construction, the sandstorms and snowstorms, the Iraqi teams accomplished an extraordinary feat. The technical lots began in parallel with the architectural lots and the acceptance of work is planned for 2023.

■ Multi-countries

In 2022, nearly € 300,000 worth of donated biomedical equipment was received and subsequently reallocated to different countries. The first batches of equipment were delivered to Ukraine, among other places.

■ West Africa

A training program with the Université Polytechnique de l'Ouest Africain of Dakar was signed in 2022 with a view to enhancing the skills of biomedical engineers in West Africa.



Iraq



Multi-countries



West Africa

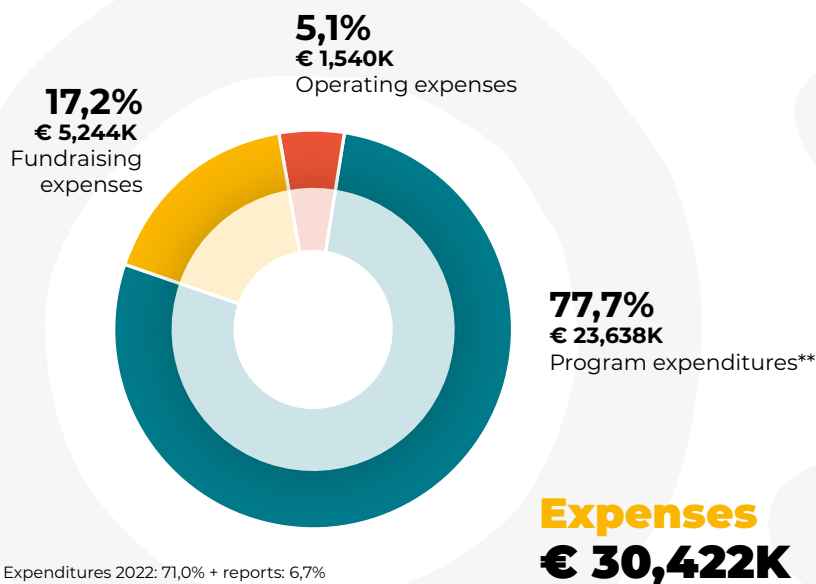
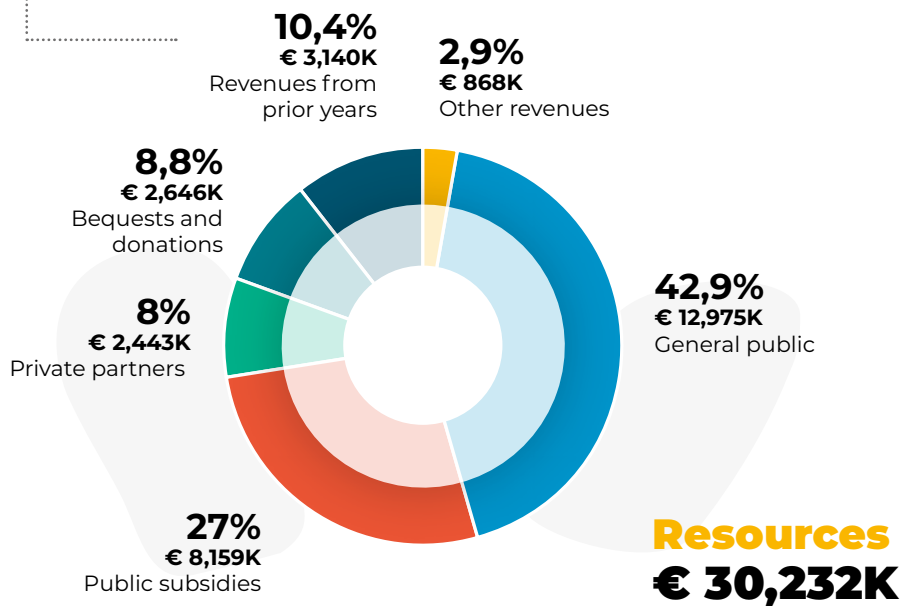


Institutional Financing

Due to the diplomatic crisis between France and Mali, the French Development Agency (AFD) ceased funding our activities in Mali by terminating the projects concerned. Bilateral exchanges took place between the AFD and civil society organizations to manage the repercussions and agree on what should follow.

In 2022, La Chaîne de l'Espoir obtained for the first time funding from Expertise France in the framework of Works Management Assistance for the Operationalization of the Medical & Research Center (MRCC) of the University of Mosul. This financing began on 1 October 2022 for a duration of three years and amounts to € 1,200,000.

Financial statement



Financial transparency

La Chaîne de l'Espoir takes great care to ensure proper utilization of the donations it receives. Our accounts are certified every year by the audit firm Deloitte which guarantees the rigor of our management. We are approved by Le Don en Confiance (an oversight body regulating associations appealing to public generosity) which attests our compliance with a series of deontological principles, in terms of budgetary rigor, accounting transparency and governance.

Annual audits by international institutional financial backers monitor our activities, our accounts and our modes of management and governance, both at the headquarters and on the ground. Every year, La Chaîne de l'Espoir publishes the totality of its annual accounts and the statutory auditor's report on its website as well as on the site of the Journal Officiel des Associations.

2022
in figures



+ 10,000
patients operated on



69
financial backers



+ 170,000
beneficiaries of our
programs, including 916
echoes® consultations



+ 430
days of training



400m³
and 40 tons of medical
equipment and consumables
shipped



33
countries of intervention for
a total budget of € 30.42M



70
medical missions and
56 missions for coordination
and exploration



880
collaborators in the world
including 186 employees and
694 volunteers

And now, what prospects?

Anouchka Finker
CEO

The year 2023 is sure to be a period of major challenges for La Chaîne de l'Espoir at a time when our association is increasingly called upon to respond to the urgent needs of vulnerable populations around the world. In **Ukraine**, the current conflict, which will probably be long-lasting, has devastating repercussions on the civilian population as well as a severe impact on healthcare infrastructures and services. La Chaîne de l'Espoir is present in the field and has shown the efficiency of its logistical capacities by delivering nearly 30 tons of crucial medical material since the beginning of the war in order to support hospitals and provide vital aid to patients. In 2023, the registration of La Chaîne de l'Espoir in Ukraine will enable us to develop new activities with a dedicated team. In **Afghanistan**, the population is sinking into a spiral of misery, the risk of famine is looming, girls and women are increasingly prohibited from education and healthcare. Nevertheless, the French Medical Institute for Mothers and Children (FMIC) continues its activities whatever happens, with both female and male personnel, and still provides high-quality care free of charge to women and children. However, the situation remains precarious and uncertain, medium-term financial and operational planning is extremely difficult. But we have to persevere because it is the honor of La Chaîne de l'Espoir to keep this hospital alive in the midst of adversity, all the more so as it is the last one still functioning in Kabul. In **West Africa**, the political upheavals affecting the Sahel region, the rise in terrorism, the intensification of anti-French political sentiment are factors which complicate action by NGOs although the long-suffering populations are in dire need of humanitarian aid and emergency medical care. La Chaîne de l'Espoir has had to redeploy and reorganize its projects in Benin, Senegal, Mali and Burkina Faso. We are also starting new activities with a view to building the capacities of cardiologists in Niger and the Comoros. In the area of infrastructures, 2023 will see the completion of the construction work on the Sinjar hospital in **Iraq**, entirely financed by the Crisis and Support Center of the French Ministry for Europe and Foreign Affairs. In **Madagascar**, the renovation of the technical platform of the Centre Hospitalier de Soavinandriana, coupled with the training of local teams, will enable the country's first ever open-heart surgery. **Our association, its activities, its personnel, its projects are changing in tune with this deteriorated context:** our actions traditionally oriented towards development now take place in areas which are highly precarious or crisis-stricken ; the institutional part of our funding will represent nearly 50% of our budget which will reach 39 M € in 2023 ; our recruitment now gives priority to teams in the field who must enhance their competence by being closer to local challenges, both operational and financial. This turning point now positions La Chaîne



de l'Espoir as a humanitarian actor specialized in the hospital and medico-surgical field and necessitates an adaptation of its organizational model. Our action is becoming more global and these challenges force us to be more reactive, even more oriented to emergency responses. Nevertheless, children remain at the heart of our preoccupations. Children's access to surgery, prevention and awareness-raising concerning avoidable surgeries, referral of suffering children by local actors - all this together leads to better medical care for the most vulnerable children. **The economic model of La Chaîne de l'Espoir is also changing:** the general public, which is historically the main funder of our actions, is now less preponderant in the current unfavorable economic environment. We must therefore redouble our efforts to mobilize additional resources, both financial and logistical, in order to adequately respond to increasing needs. Finally, the question of accountability remains at the heart of our preoccupations. **La Chaîne de l'Espoir is committed to maintaining exemplary transparency and responsibility in the management of funds allocated to its projects.** This approach is essential to maintain the confidence of donors both public and private and to guarantee the positive impact of our actions in the field. La Chaîne de l'Espoir is tackling these mutations, challenges and essential changes with determination and hope, fully aware of the stakes and the difficulties inherent in humanitarian action. Thanks to its capacity for adaptation and the mobilization of its teams, our association aspires to making a real difference in the lives of vulnerable populations by providing medical care and vital assistance in environments which are often difficult. I wish to express my heartfelt thanks to all our collaborators, employees and volunteers; to our donors, sponsors and institutional partners who support our programs and put their trust in us.

Strategic plan 2023-2026



Three main objectives underlie the achievement of our mission:

1.

Operate and train on the techniques best adapted to needs and contexts

Reinforce our medico-surgical action by progressing towards overall care for populations, especially children, in the medium term:

- Systematically analyze the overall needs of populations;
- Extend and contribute to more holistic medical care for children by integrating sectors of specialist pediatrics;
- Support the development of healthcare for mothers and children and also psychosocial assistance;
- Reinforce local training, diagnostics and post-operative follow-up of our patients in the medium term;
- Monitor our impact, beyond medical acts, by taking a transversal view of the child's environment in collaboration with local and international partners;
- Receive and operate on children in France when no local solution, including South-South cooperation, is accessible;
- Develop essential surgery.

Accompany local teams in the appropriation of new technologies:

- Put in place medical innovations adapted to operational and economic contexts, suited to the needs of populations;
- Publish scientific articles with local medical teams.

Avoid surgery by greater medical and pedagogical action preceding care:

- Develop telemedicine and tele-expertise;
- Systematize prevention and screening to reduce avoidable surgeries.

2.

Develop the structural means necessary to provide care to vulnerable populations, particularly children

Provide care to the most vulnerable populations:

- Make a medico-surgical contribution, to the best of our capacities, in situations of crisis and emergency, in complementarity with actors specialized in emergency interventions;
- Reach the least accessible populations, notably rural (itinerant missions...).

Develop the material and human means necessary for surgery in a logic of autonomy:

- Construct, renovate and equip hospital structures as soon as they're needed;
- Accompany teams in all aspects of hospital management;
- Support hospitals in ensuring the sustainability of their supply chains and their funding.

Alleviate the suffering of children in hospital in France:

- Accompany isolated children during their treatment in hospital;
- Create a welcoming hospital environment for children;
- Work in complementarity with medical staff in the hospital to meet the needs of children receiving insufficient care.



3.

Optimize our organization and the mobilization of our teams

Become a learning organization:

- Accountability, systematization, standardization and animation of intellectual capitalization: planning, procedures, «checklists», systematic archiving, formalization of decisions and actions;
- Progress towards management through confidence and ethical values
- Develop the skills of employees and volunteers (Monitoring, Evaluation, Accountability, and Learning).

Boost our network of medical, paramedical and technical volunteers:

- Extend our network of volunteers (at the headquarters and in the field);
- Elaborate a personalized path with each volunteer;
- Reinforce the animation of the volunteer network by means of regular communications, organization of events and sharing of feedback after missions;
- Develop mentoring between seniors and juniors, French and local teams;
- Open up to the staff of medical and medico-technical professions for long-term missions;
- Increase South-South medical partnerships.

Magnify the action potential of our teams in the field:

- Develop our teams in field offices; headcount and skills, better integration in local ecosystems and groups of partners, program implementation and fundraising (reactivity and readability);
- Reinforce the place of local teams in decision-making, governance, selection and evolution of programs;
- Intensify links between the headquarters and the field: recognition, cross training, visits...;
- Valorize the action of local teams in the countries concerned.

Increase our capacity of influence in the service of our mission:

- Reinforce the presence of La Chaîne de l'Espoir in collective NGO action and during key events: professional fairs, national and international congresses, training sessions;
- Enhance visibility by means of scientific publications or responses to current events;
- Reinforce our presence in the media and our relations with important influencers (decision-makers, show-business and cultural personalities) - with an emphasis on young people;
- Encourage our employees and volunteers to be promoters of the association.

Bolster the independence and solidity of La Chaîne de l'Espoir:

- Move to a proactive logic of construction with our funders: understanding, lobbying, selectivity;
- Systematically seek out funders - in France and abroad - for programs already partially financed;
- Maintain a balance between earmarked and « free » resources - 40% of institutional funds;
- Boost the collection of donations and bequests;
- Systematize the partnership approach to reduce risk exposure.

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Prevention, screening and awareness-raising: indispensable stages in the chain of care



Testimony

Dr. Marc Donald, a doctor coordinating the local school health project in Haiti

«This comprehensive program enables early detection of disabilities in pupils. The healthcare system in Haiti is defective, the increasing insecurity does not facilitate treatment for children and medicines are more and more expensive and difficult to get hold of. Thanks to La Chaîne de l'Espoir we can guarantee care and optimum treatment even in the catastrophic health situation which currently prevails in the country.»

Screening for certain pathologies and raising awareness about healthy behavior make it possible to avoid certain surgeries and to prevent handicaps.

- In **Togo**, a second phase of the project « My health, my school, a collective challenge », supported by the French Development Agency, will benefit 21,000 pupils. [LC1] Awareness-raising actions (sexual and reproductive health, non-violence, water, hygiene and sanitation) will be developed, dealing with addictions and domestic accidents as well as the detection and treatment of learning disabilities of 1,500 pupils in nursery and primary schools. These actions will be conducted jointly with the communes and nearby healthcare structures so as to create a collaborative dynamic. In addition, 1,420 children have continued to receive nutritional support and 620 children have benefited from hygiene kits and payment of their medical costs.
- In **Mali** and Ivory Coast, many children accidentally ingest caustic soda, causing severe burns to the esophagus. La Chaîne de l'Espoir, in partnership with the associations Terres des Hommes in Mali and the Red Cross in Ivory Coast, is continuing a project of prevention and treatment supported by the French Development Agency (AFD). In 2022, 726 users of caustic soda, more than 8,000 schoolchildren and 46 women's groups were made aware of the dangers of corrosive products.
- Since 2018, in **Jordan**, where the healthcare system is fragile, La Chaîne de l'Espoir has supported

prevention, screening, training and treatment concerning orthopedic and cardiac congenital anomalies. This program has benefited 599 children and 518 healthcare personnel.

- In **Lebanon**, activities of early detection of orthopedic anomalies began in 2022 and pediatricians have been trained in partnership with two local associations, Caritas Liban and Arc en Ciel.
- In **India**, in Rajasthan, La Chaîne de l'Espoir continued its support for several mobile clinics of the NGO Tabaar, one of which is reserved exclusively for girls and women. These clinics have conducted more than 10,000 consultations as well as prevention and awareness-raising actions.
- In **Haiti**, since 2016, La Chaîne de l'Espoir is still supporting 2,500 children in spite of the severe political and sanitary difficulties of the country. These children in nine rural schools in the South-West of the country benefit from screening for sensory problems which might hinder their schooling and an annual medical visit, and, if needed, treatment for any disabilities detected. La Chaîne de l'Espoir finances two healthcare centers staffed by two doctors and three nurses.

Skills transfer: a major objective of our association



Our action contributes to the strengthening of healthcare systems in countries where we intervene. The aim is to teach local teams to gradually operate with greater autonomy, to memorize the surgical gestures and gain confidence with the techniques so that they in their turn become capable of training their peers.

- In the area of theoretical teaching, La Chaîne de l'Espoir has brought its pediatric surgery expertise to West Africa since 2014 by means of specific modules in the Specialist Training Diploma. In 2022, our training seminars were canceled for security reasons but pediatric surgery students from Burkina Faso, Benin, Ivory Coast, Guinea, Senegal and Togo participated remotely in courses given by the French College of Pediatric Surgery, transmitted thanks to the teachers and the President of the College, Prof. Agnès Liard. Furthermore, thirteen scholarships were granted to student surgeons.

We promote South-South mentoring and cooperation in a wide range of pediatric specialities in Africa, Asia and the Middle East.

- Initiated in 2020 with the aid of the French Development Agency, **the project of surgery on caustic stenosis of the esophagus** includes, apart from preventive actions (cf. page 29), surgical treatment for young victims and the reinforcement of local medical capacities. In 2022, 53 children from several countries in West and central Africa benefited from treatment during missions carried out in Bamako and Abidjan. These missions, conducted under the guidance of experts from l'Hôpital Necker-Enfants malades in Paris and l'Hôpital Nord in

«There is a severe lack of surgical personnel in low-income countries (1 specialist doctor for 100,000 inhabitants) and in middle-income countries at the lower end of the scale (10 specialist doctors for 100,000 inhabitants in surgery, anesthesia and obstetrics). By comparison, the number is 69 for 100,000 inhabitants in high-income countries.»

- Source: <https://blogs.worldbank.org/fr/opendata/la-chirurgie-grande-oubliee-de-l-aide-aux-systemes-de-sante>

Marseille, make it possible to train surgeons, but also anesthetists-intensivists, operating room and intensivist nurses, and endoscopists.

- **In another field, surgery on maxillofacial tumors and especially Noma remains a priority for our association.** This «disease of poor children», fatal in 80% of cases, disfigures the children who survive it.

This program, co-financed by private donations and the French Development Agency, combines actions of awareness-raising, training and effective holistic care for children suffering from Noma and facial pathologies and malformations.

The objective is to contribute to the efforts of the health authorities by targeting zones where the interventions of public actors are still insufficient.

In Mali, our training activities are implemented in collaboration with the Newface association, created by the Malian surgeon Dr. Moussa Daou. In 2022, 78 children suffering from maxillofacial pathologies were given treatment, 18 of them in total autonomy

by local Malian medical teams, and 42 medical and paramedical professionals were trained.

In Burkina Faso, two surgical missions enabled 81 maxillofacial operations, of which 90% were performed autonomously by Malian practitioners, thus proving the upgrading of their skills. In parallel, 182 people benefited from medical consultations.

■ **In Mali**, a training mission on loco-regional anesthesia was organized at the Mother and Child Hospital « le Luxembourg ». Bringing together 15 very experienced anesthetists from the four hospitals of Bamako, it combined both theory and practice. In Burkina Faso, it was the third training mission in this project which took place. Twenty anesthetists from the seven hospitals in the country, including those located in highly insecure regions, participated in the training sessions. Several participants, who had participated in the two previous missions in 2021, gained sufficient expertise to become referent trainers. In Togo, at the end of 2022, a project for training on loco-regional anesthesia (ALR) is taking shape with la Société Togolaise d'Anesthésie, d'Analgésie de Réanimation et de Médecine d'Urgence.

■ In cardiac surgery, the principle of training of trainers remains the same. Once they are trained, local teams can train in their turn. Thus, from February to May, six people from the Hôpital Général de Yaoundé in Cameroon and five people from the Centre hospitalier de Soavinandriana in Madagascar carried out training stays respectively at the Institut du Cœur de Maputo in Mozambique and the Centre Cardiopédiatrique Cuomo de Dakar in Senegal, two centers created on the initiative of La Chaîne de l'Espoir.



■ **In Togo**, two missions for treatment of the consequences of elongation of the brachial plexus took place at the CHU Sylvanus Olympio in Lomé, in the service of Prof. Gnassingbe. Led by Dr. Philippe Valenti (Institut Parisien de l'Épaule, Paris), they enabled surgery on 17 children out of the 60 seen in consultation, who came for the occasion from Togo, Benin and Guinea.

■ **In Benin**, the pediatric surgery departments of the two principal CHU in Cotonou, the CNHU-HKM and the CHUMEL, called on La Chaîne de l'Espoir to help them reinforce their surgical techniques for **complex urological and visceral operations**. The missions carried out enabled consultations for 47 children and surgical care for 31 of them.

■ **In Ivory Coast**, it was training in ophthalmic surgery that La Chaîne de l'Espoir deployed at the request of its partner, l'Hôpital Mère-Enfant Dominique Ouattara in Bingerville. Several missions were carried out by Dr. Vincent Pierre-Khan (Hôpital Foch, Paris) in order to train the Ivorian surgeons on ultrasound surgery for cataracts. The hospital was equipped with a specific device which will enable very innovative surgeries for the country.

■ In addition, **in Senegal**, in the Hôpital Principal of Dakar, La Chaîne de l'Espoir has since 2021 implemented a **program of support for digestive endoscopy** aiming to develop a center of excellence for treatment (diagnosis and mini-invasive endoscopic treatment) and training. During three missions led by Prof. Gabriel Rahmi (Hôpital européen Georges-Pompidou, Paris),

63 patients benefited from endoscopic procedures. Training was provided to 15 endoscopic doctors and 10 assistants from 5 hospitals in Senegal. Furthermore, with the collaboration of the simulation center of the Faculty of Medicine of Dakar, two masterclasses involving a total of 33 people were organized to allow practitioners to train on non-human organs.

- La Chaîne de l'Espoir also provides training in pediatric neurosurgery. In Cambodia, our aim is to build the capacities of the medical team of the hospitals of the Kantha Bopha Foundation. A team from the CHU de la Timone in Marseille and the CHU de Dijon has for several years intervened in the two hospitals of Siem Reap and Phnom Penh. In 2022, two neurosurgical missions took place, enabling treatment for about thirty children.

- In the Middle East as in Africa, our association continues its projects of training in orthopedic surgery. In Jordan, in the framework of an action begun in 2013, 176 surgical interventions took place in 2022, by means of four local missions and three international missions, coming from different countries in Europe, providing treatment for patients afflicted with more complex pathologies and reinforcing the know-how of Jordanian teams.

- **In Asia**, the association also focuses on training:

**Dr Vongphet Soulithone,
Laotian surgeon**

«I started working in the Children's Hospital in Vientiane as a surgery resident in 2012. In 2014, I met Prof. Pierre Hélardot during one of his missions. He immediately took me under his wing and became my mentor. After eight years and more than 300 operations performed at his side, I became the national referent for pediatric surgery in my country. Prof. Pierre Hélardot not only taught me his speciality but also his philosophy of patient care.»



Itinerant missions: facilitating access to care for rural and isolated populations



In developing countries, surgery is concentrated in the big cities. Consequently, for rural populations there are many problems hindering access to surgery: lack of human resources and healthcare infrastructures, income too low to cover the costs. La Chaîne de l'Espoir targets these populations by means of itinerant surgery missions, support for mobile healthcare structures and training for provincial medical teams.

- **In Togo and in Benin**, we organize pediatric surgery missions in regional hospitals in cooperation with the university hospitals in the capital. The operations essentially concern pathologies called « simple » but disabling. These missions also enable us to identify children suffering from more serious pathologies and to refer them to the capital.

In 2022, La Chaîne de l'Espoir organized three missions of this kind: one in Togo, in the Hôpital préfectoral of Blitta, where 244 children were seen in consultation and 124 had surgery (with the service of Prof. GNASSINGBE from the CHU Sylvanus Olympio in Lomé), the second in Hôpital d'Adjohoun in Benin enabled 433 children to have consultations and 73 to have surgery (with the team of Prof. GBENOU from the CHUMEL in Cotonou) and the last in Hôpital de Bassila in Bénin: 226 children consulted and 101 children operated on (in collaboration with Prof. FIOGBE from the CNHU in Cotonou).

All these missions financed by La Chaîne de l'Espoir are conducted with the support of French anesthetists, but the students in surgery and anesthesia from Benin and Togo are the principal actors.

Testimony

**Joëlle Krebs,
pediatric anesthetist nurse**

*«My first itinerant mission in Togo?
An anesthetic and surgical marathon!
Above all, you must be in good physical
condition: 125 children operated on in
five days! And you must be mentally well
prepared: know how to quickly adapt
to the environment, the new team and
the means at your disposal. And when
you cross the finishing line, a wonderful
collective reward: the smiles of the
children and their parents.»*

- **In Bangladesh**, seven medical missions on the Friendship hospital ships circulating in the north of the country enabled us not only to train the local teams but to conduct 633 consultations and to operate on 130 women and children

- **In Nepal**, a unique collaboration has brought together since 2011 two complementary skill sets, those of La Chaîne de l'Espoir and those of the local association Child Protection Centers and Services. Here La Chaîne de l'Espoir supports 34 healthcare centers. In 2022, 44,267 children benefited from medical consultations and complementary care. In addition, 19,953 menstrual kits were distributed and 1,230 awareness-raising sessions were organized.

Pediatric heart surgery in the world: progress but many obstacles remain



Children born with congenital malformations face a grim prognosis in countries where there are no reliable means of diagnosis and where doctors are insufficiently trained in surgical response. In spite of the progress made in recent years, the development of cardio-pediatrics is a real public health issue for local authorities who must create infrastructures and train teams in precarious economic conditions.

Confronting this long-term endeavor, our association cooperates on the technical and financial levels to breathe new life into all those patients suffering from cardiac pathologies who fill our vast world waiting room.

- **In Mali**, in Bamako, in the André FESTOC center opened in 2018 in the Mother and Child Hospital «le Luxembourg», 120 Malian patients were operated on in 2022. 57 % of these surgeries took place outside the six international missions carried out by La Chaîne de l'Espoir, a sign of real progress in the autonomy of Malian surgical teams.

Collaboration between the André FESTOC center and the CUOMO center of the CHU Fann de Dakar was reinforced in 2022. Furthermore, in May 2022, two Malian nurses followed a training course in the CUOMO center. Finally, La Chaîne de l'Espoir aided the André FESTOC center in the recruitment and training of a biomedical engineer whose high-quality work enabled the center to avoid any breakdown of medical equipment in 2022.

- **In Senegal**, diversified support by La Chaîne de l'Espoir (providing equipment and consumables, help with biomedical maintenance and hygiene management, financing of hospital fees) made it possible for local teams to autonomously operate on 228 patients. This center is now the place of reference for West Africa and a source of medical trainers for neighboring countries.

- **In Burkina Faso**, capacity building of the staff of the CHU of Tengandogo continued with the organization of three medico-surgical missions. The highlight of the year was above all the start of autonomous open-heart surgery by the Burkinabe team. Surgery was performed on a total of 42 children and nearly 30 medical and paramedical staff were trained.

- **In Mauritania**, after the exploratory mission in 2021 in the National Cardiology Center in Nouakchott, we carried out a training and cardiac surgery mission in April, with a team from l'Hôpital Necker-Enfants malades, led by Prof. Olivier Raisky. A long-term partnership is under study.

- **In Madagascar**, it was not possible to commence the activity of open-heart surgery this year as initially planned, due to a delay in the delivery of equipment. Nevertheless, closed heart surgery was performed on 33 children by the team of the Centre Hospitalier de Soavinandriana. 95 medical and paramedical staff from the region were trained to recognize the telltale signs of cardiac malformations in children. Two mass screening campaigns were conducted, enabling consultations for 1,318 children.

- **In Mozambique**, at the Institut du Cœur (ICOR) in Maputo, the local teams have for many years been autonomous for the majority of pathologies. Nevertheless, two missions carried out in March and November 2022 by the team from l'Hôpital Necker-Enfants malades enabled operations on particularly complex cases, 24 by means of surgery, 16 by interventional catheterization. The patients are identified by remote echography consultations (thanks to the echoes® system) conducted by Prof. Daniel Sidi with the ICOR pediatric cardiologists.
- **In Vietnam**, where medical competence exists, it is the cost of care which remains an obstacle. At the Pavilion of the Congregation of Dominican Sisters in Ho Chi Minh, 34 children were operated on thanks to financing by our association. Through a network of dispensaries in the country, our partner identifies the most vulnerable children suffering from cardiac pathologies. With a capacity of ten beds, the Children's Pavilion makes it possible to provide them with medico-social support, free treatment and accommodation before and after their hospital stay until such time as their state of health is sufficiently stable for them to return to their often-remote home provinces.
- **In Cambodia**, the cardiac surgery training of the staff of the Kantha Bopha Foundation, started more than ten years ago by Prof. Gérard Babatasi, has turned out to be a great success. In 2022, a new mission by his team was organized, witnessing the almost total autonomy of the local teams. In the future, a single annual mission for control and teaching of the latest techniques will be sufficient. Financial support of the foundation by La Chaîne de l'Espoir enabled payment of the costs of surgical care for 28 children.
- Since 2012, the action of La Chaîne de l'Espoir **in Jordan** consists in active involvement in community mobilization and support for national actors concerning congenital cardiac diseases. In 2022, 761 children benefited from cardiac consultations through the organization of early detection campaigns and, thanks to our hospital partners, 40 children had surgery and 153 health personnel were trained. Furthermore, the activity of prevention and early treatment, including psychosocial support for children suffering from malformations and their families, was reinforced in 2022.
- **In Lebanon**, we continued to support the local association HeartBeat which provides cardiac surgery care for children from all the communities in the country.

Testimony

Dr. Nivohanta Ramamonjisoa, medical coordinator in Madagascar

«Since 2016, the Madagascan medical team at the Centre Hospitalier de Soavinandriana (CENHOSOA) is autonomous in the treatment of closed-heart operations. We have felt like performing open heart surgery for several years. Thanks to the current project of La Chaîne de l'Espoir to rehabilitate rehabilitation and equipment of the heart surgery unit at CENHOSOA, training training of medical staff and care for care for sick children, our dream will finally become a reality.»

Women's health: a major challenge for humanity



«About 830 women die every day in the world due to complications linked to pregnancy and childbirth. In 2015, 303,000 women died during or after pregnancy or childbirth. The majority of these deaths took place in low-income countries and most of them could have been prevented.»

One of the targets of the Sustainable Development Objective number three, set by the United Nations, is to reduce the rate of maternal mortality to less than 70 per 100,000 live births: no country should have a maternal mortality rate more than twice the world average. In this framework, La Chaîne de l'Espoir decided in 2016 to launch maternal health programs.

- **In Bangladesh**, the association supports the local NGO Friendship in developing the services of the Shyamnagar hospital. Four missions on gynecology-obstetrics were organized to continue the training of the local medical teams. In addition, La Chaîne de l'Espoir financed a training on obstetrical ultrasound for a woman gynecologist. This online training was completed by practical training in Dhaka. Finally, in the north of the country, consultations and surgeries for women, on ships which are medical clinics, continued, providing treatment for about a hundred patients.

- **In Ivory Coast**, where we support the Hôpital Mère-Enfant Dominique Ouattara in Bingerville, near d'Abidjan, the maternity was able to achieve more than 1,000 childbirths this year and it is developing a new project to welcome pregnant women, enabling a more personalized monitoring of pregnancy. In 2022, we upgraded the skills of the teams on antenatal ultrasound and care for new-borns.

- Since the construction in 2016 of the maternity of the French Medical Institute for Mothers and Children (FMIC) in Kabul, **Afghanistan**, La Chaîne de l'Espoir has supported the medical team of the gynecology-obstetrics unit. After August 2021, medical missions had to be suspended but we were able to restart them in 2022, notably those on gynecology-obstetrics.

This year, 776 births took place in the maternity. 317 economically fragile women were welcomed in our Children's Pavilion and treated free of charge for their gynecological problems.

In order to target the most vulnerable, notably those living in camps for displaced people and in the only refuge for women still open in Kabul, La Chaîne de l'Espoir has conducted awareness-raising sessions on gynecological problems, family planning and personal hygiene in the community centers of the NGO Norwegian Refugee Council.

- <https://www.who.int/fr/news-room/fact-sheets/detail/maternal-mortality>

- <https://www.un.org/sustainabledevelopment/fr/objectifs-de-developpement-durable>

New projects: exploratory and feasibility missions



In 2022, thanks to its high reputation, various third parties continued to call on the expertise of our association to study the possibility of setting up cardiac projects abroad.

- In May, La Chaîne de l'Espoir carried out a mission in the **Union of the Comoros** so as to evaluate the possibility of treatment for cardiac children in the archipelago. Prof. Bernard Kreitmann, a cardiac surgeon, after studying the question of cardiopediatrics in the Indian Ocean, saw the need for such a project in the Union of the Comoros. In collaboration with the Comorian NGO MAEECHA, our team set up this mission. The feasibility study will lead us in 2023 to build the capacities of the Comorian surgeons through training sessions and the donation of ultrasound scanners.
- In June, a medical mission, consisting of a doctor, a cardiac surgeon, an anesthetist-intensivist and a perfusionist took place at the Nasiriya Heart Centre (NHC), **in the south of Iraq**. The goal of the mission was to start a partnership with this cardiac surgery establishment reputed in the region with a view to future exchanges of knowledge and procedures.

- In November, La Chaîne de l'Espoir conducted a preparatory mission for the launch of a cardiac surgery project **in Cameroon** with the purpose of settling all the legal and logistical issues prior to the signing of a convention with the Hôpital Général in Yaoundé. The next stage is the search for financing to start the activities on the spot. This should make up a large part of the activity of our association in this country in 2023.
- **In Niger**, following a meeting in Paris between our founder, Prof. Alain Deloche, the President of the Republic of the Niger, Mr. Mohamed Bazoum, and Dr. Amadou Daouda, a Nigerien surgeon who studied in the Hospices Civils in Lyon, we reflected on the advisability of launching a program of cardiovascular surgery in Niamey. In November, an exploratory mission was organized at the Hôpital Général de Référence. This initiative was supported by the Direction for International Cooperation of Monaco which financed its implementation. Prof. Gabriel Ciss, head of cardiac surgery at the Centre CUOMO in Senegal, was the leader of this team. In 2023, we will look for funds to start this project. In parallel, to launch the project, three Nigerien children had surgery in France in the framework of our program of Care for Children in France.

Hospital Engineering: complex projects bringing innovative responses



In 2022, the Infrastructure and Biomedical Department continued the development of major projects, highlighting all the hospital engineering necessary for their success.

- In parallel with the works of the **Sinjar French Medical Center**, the local teams of La Chaîne de l'Espoir in Iraq have been reinforced in order to start a new project in Mosul. This consists in the renovation of several services of the **Medical Research and Care Center (MRCC)**, and particularly the zone Consultations, Hemodialysis, Laboratory, Radiotherapy and Imagery, on which our expertise is mobilized. This hospital of 150 beds, extending over 15,000m², finished in 2014, never managed to become operational due to the arrival of the Islamic State in the region. The reopening of its services, thanks to financing from the French Development Agency, will enable it to receive patients and to reactivate its research center which is an integral part of the University of Mosul. The challenge today is therefore to evaluate the adequate repairs and enable the commissioning of these state-of-the-art installations which have been out of service for several years. Work will be concentrated on certain zones in order to speed up the resumption of medical activity and the progressive intake of patients.

La Chaîne de l'Espoir has signed a convention with Expertise France for its technical assistance on infrastructures and biomedical facilities. An upgrading of competence is integral to this project with the addition of a waste management zone, one of the first in the province of Nineveh, which can serve as a reference in the future.

- **In Madagascar**, the construction of a technical platform for surgery in the Centre Hospitalier de Soavinandriana in Antananarivo is continuing. The years impacted by Covid-19 unfortunately delayed several visits to the site. It is only in 2022 that complementary demands could be taken into account, both on the level of infrastructure and of biomedical equipment. The teams from La Chaîne de l'Espoir have worked to find additional financing and to adapt the technical solutions accordingly. The opening of the technical platform is finally planned for the end of 2023.

- Several missions have been conducted in the **Democratic Republic of the Congo** to carry out a first modelling of a hospital in Kisangani. This project, led by the Panzi Foundation and Professor Denis Mukwege, Nobel Prize winner in 2018, will reinforce vital advocacy work against the violence inflicted on women.

The ambition of this project is to define a hospital concept integrating four pillars: the medical, psychosocial, legal and judicial aspects, and social reinsertion. The challenge is to provide an integrated response for women suffering from multiple traumas and who badly need support to make a new start in life.

Purchasing, transport and equipment: adapting our methods for effective and eco-responsible responses



Current supply difficulties and inflation have a serious effect on biomedical equipment, consumables and freight but they have an even stronger impact on vulnerable countries.

This makes the support of La Chaîne de l'Espoir all the more necessary since we can count on a dynamic network of suppliers and donors of free or second-hand material (many thanks to them!).

In 2022, donations of biomedical equipment worth € 300,000 were sent to different countries, to which must be added € 600,000 worth of equipment purchased and sent into the field.

The biomedical teams of our association strive to develop these partnerships, which require first of all evaluating the state of the machines, then planning their reconditioning or the repairs necessary to put them back in service. This eco-friendly approach enables us to support the hospital structures of partners having limited financial and technical resources.

Indeed, due to their geopolitical situation, certain hospitals have trouble getting supplied with new devices or spare parts. This is the case for Venezuela, Ukraine, Afghanistan, or Syria where we sent a heart-lung bypass machine, a digestive endoscopy column, and instruments. We also contributed to the equipment of hospitals in Guinea Conakry and Rwanda.

Our team was also called upon by the WHO (World Health Organization) for a technical audit in a hospital in Bhutan, a new zone for our association.

The biomedical teams also work hand-in-hand with the Logistics and Medical Purchasing Department to ensure indispensable supplies in uncertain situations due to problems with roads, customs procedures or means of transport.

In 2022, we made a record number of shipments (more than 200), dispatching a total of 40 tons and 400m³ of medical consumables, medicines and equipment, notably traumatology kits for Ukraine.

The year 2022 was also the occasion for the logistics team to implement new structuring projects:

- In order to further enhance the reliability and reactivity of procurement for programs, we chose a new logistics provider for the warehousing of our stocks and the preparation of orders in the Paris region.
- In the field, we contributed with the association Quamed to an audit of the local market for medical devices in Iraqi Kurdistan, in light of WHO standards. In doing so, we increased our knowledge of the zone but also participated in the reinforcement of the Iraqi healthcare system on a highly technical medical issue essential for the population.

France:

treatment and accompaniment for sick children



Testimony

Extract from the newspaper Ouest France, 31 August 2022

Laurence et Jacky Rialland, volunteer host family in Nantes

«Every child welcomed is a discovery, the family confides. The child has a family history, beliefs, rituals of life. We cannot simply repeat our way of acting. The only thing in common for the four children is the love we give them to temporarily replace their parents.»

Our actions in France have two objectives:

- To welcome and perform surgery on foreign children when no treatment is possible in their home countries;
- To accompany and support isolated sick children during their stay in hospital.

These objectives are achieved every year thanks to the commitment of numerous volunteers who rally to the cause all over France.

Certain pathologies still require foreign children to be transferred to France because treatment is impossible in their own countries. This is notably the case for complex cardiac pathologies which cannot be treated in many countries, but also for certain digestive or orthopedic pathologies.

In 2022, we welcomed in France 72 young patients from Benin, Burkina Faso, Cameroon, Congo Brazzaville, Djibouti, Guinea Conakry, Madagascar, Mali, Niger, Democratic Republic of the Congo, Chad, Togo and, for the first time, Ukraine. As in previous years, the Paris university hospitals were involved, operating on our patients at negotiated prices.

The program Accompaniment for Hospitalized Children benefited 120 children in about fifteen establishments in Île-de-France, Reunion Island, Tours and, for the first time, Lyon. This strong increase is explained by the deployment of the program in new places and the resumption of accompaniments in establishments where they had been slowed down by the Covid-19 crisis.

An evaluation of the social impact of the program (carried out by Agence Phare with the support of the NEHS Foundation) highlighted the positive effects of the program, emphasizing three major impacts: improvement of the child's well-being linked to his or her daily experience in hospital, overall improvement in the child's care pathway and facilitation of the work of healthcare professionals.

Finally, several projects have also been developed in collaboration with certain intervention establishments, such as the set-up of rooms or purchase of material to entertain the children and improve their well-being during their hospitalization.

Testimony

Extract from the end-of-stay report

Roberta Nicastro, «Sunny Godmother» in the framework of the program Accompaniment of Hospitalized Children

«The day of our leave-taking was very touching, not only because I heard my first name pronounced for the first time but above all because of the tender way he said goodbye to me with his eyes. I admire his courage and I wish him all the best for the future.»

The Crisis in Ukraine: working as closely as possible with local hospitals



On 24 February 2022, the armed forces of the Russian Federation launched a large-scale invasion of Ukraine, rapidly taking control of vast areas in the north, east and south, while attacks by the missiles and rockets of Russian aviation and artillery caused serious damage and destruction to residential buildings and civil infrastructures. Essential services for children such as schools and healthcare facilities were also impacted. Armed violence intensified in at least eight oblasts (regions). The Ukrainian counter-offensive forced a retreat of Russian forces in the north of the country, including the areas around the capital Kyiv in April 2022, then the oblasts of Kharkiv, Mykolayiv and Kherson between September and mid-November 2022. Active combats continue in the east and the south. The front lines shift continually, new areas and new people with acute humanitarian needs have become accessible to humanitarian actors including teams from La Chaîne de l'Espoir, although these zones remain a very high security risk.

From 24 February 2022 to 30 November 2022, the World Health Organization (WHO) reported 745 attacks on healthcare, 659 of which affected installations, 182 medical supplies and 96 medical transports. In 2022, the United Nations High Commissioner for Human Rights (OHCHR) recorded 18,358 civilian victims in the country: 7,031 killed and 11,327 wounded.

In order to maintain the capacities of the Ukrainian hospital system, the association mobilized to send emergency traumatology kits, oral and injectable medicines, operating room consumables and materials, as well as biomedical equipment, to 9 hospitals in the country in Kharkiv, Kyiv, Mykolayiv, Lviv, Cherkasy, Dnipro and Kryvyi Rih.

This action was deployed in coordination with the health authorities and other NGOs. In addition, La Chaîne de l'Espoir, with its partner Mehad, trained healthcare providers on techniques of war medicine. These actions were financially backed by the Crisis and Support Center (CDSC) in France.

La Chaîne de l'Espoir conducted several missions of medical and paramedical evaluation in other regions, enabling us to make a more precise analysis of needs, select top-priority hospitals and adjust the modalities of support so as to optimize the impact of the project.

In 2022, our teams delivered more than 23 tons representing 164 pallets to different Ukrainian hospitals. More than 200 people were trained in Ukraine by our partner Mehad in the treatment of war casualties.

Testimony

Loïc Vendrame, program coordinator in Ukraine

«The first shipments of medical supplies have begun. The biomedical team is in contact with care providers in Ukraine to provide installation support, as well as follow-up for use and maintenance. In the coming months, the aim is to step up these shipments of equipment to the hospitals we have already identified and/or new hospitals that we will have been able to identify on the basis of needs assessments in the field.»

Afghanistan: serving distressed populations as best we can



On 15 August 2021, the Taliban invaded Kabul: the Islamic Emirate of Afghanistan was born. International sanctions followed, the country was isolated, the economy collapsed, huge numbers of people fled abroad. The poverty rate exploded: according to the United Nations, 98% of the Afghan population now live below the poverty line. At the same time, successive decrees announced by the Taliban authorities have increasingly restricted human rights, particularly the rights of women in every area of society: education, work, freedom of movement. La Chaîne de l'Espoir remains present to provide access to medical care for vulnerable children and women.

To this end, in March 2022 La Chaîne de l'Espoir opened **a unit for treatment of severe malnutrition** in the French Medical Institute for Mothers and Children (FMIC). Specific funds were found to assure this new provision of care. The project aims to identify children suffering from medical complications leading to or caused by malnutrition via a referral network with other hospitals in Kabul which do not have the resources or equipment to treat the most seriously affected children. Treatment is provided free of charge and awareness-raising sessions are organized for mothers.

The decree in December prohibiting women from working for NGOs does not apply to the health sector, so the female employees of La Chaîne de l'Espoir and the FMIC have continued to work. Moreover, the end of armed conflicts has allowed families to come to Kabul to get treatment for their sick children and this has spectacularly increased the demand for care in our Pavilion.

Testimony

Parnian Gharshen, social worker in the Children's Pavilion

«After the change of government in 2021, many Afghans lost their jobs. In 2022, the middle class became impoverished: that directly affects the very vulnerable families that we treat in La Chaîne de l'Espoir. Before, those families could survive by means of poorly-paid casual labor, but this sort of work is more and more difficult to find.»

We have managed to meet this demand notably thanks to financing from the Crisis and Support Center. We have also reinforced our activities in the community centers near the camps for displaced people in Kabul, in partnership with the NGO Norwegian Refugee Council. During the year 2022, we have thus provided care for 2,137 new beneficiaries.

In May 2022, La Chaîne de l'Espoir also restarted treatment and training missions. Nine missions have been organized in six specialties: pediatric and adult cardiac surgery, anesthesia, gynecology-obstetrics, cardiology and orthopedics.

Iraq: our activity continues in new zones



In Iraq, more than 2.5 million people need humanitarian assistance, including more than a million displaced people in the country. The vulnerabilities are greatest in the governorates which were most affected by the conflict with Daesh eight years ago, especially Nineveh where our association is active. Today basic infrastructures and social services are still very inadequate and access to primary and secondary healthcare remains very problematic.

During the three years when the zone was under occupation, Daesh perpetrated a genocide in Sinjar, killing thousands of Yazidi men and enslaving Yazidi women. Seven years after the liberation of Sinjar, the general situation of the district remains tense with several competing armed groups which shape the dynamic of the region. Since the end of the conflict, we nevertheless see a gradual return of displaced people.

In 2022, 70% of the population of Sinjar say there is a shortage of goods on the market, 23% of households have no civil status documents and 58% have seen their houses damaged or destroyed.

In 2022, the district of Sinjar has one of the worst indicators for the accessibility and availability of healthcare services in Iraq. The primary healthcare center in Sinjar, rehabilitated in 2021 by our association, functions as a reference hospital but has only a limited number of beds and few staff. Surgical activity is restricted to two days a week. In August, our association concluded a long training program for medical and paramedical personnel.

Also, since December 2021, La Chaîne de l'Espoir is building a new hospital to provide specialist services, notably in pediatrics, gynecology, emergency obstetrics, maternal and neonatal care. This construction, financed by the Crisis and Support Centre of the French Ministry for Europe and Foreign Affairs, with the backing of the European Union for the equipment, will lead to a high-standard establishment with 31 places.

During the year, the project made good progress, reaching key milestones. The first calls for tenders have been launched for the purchase of the biomedical equipment necessary for the functioning of the hospital.

Origin of resources

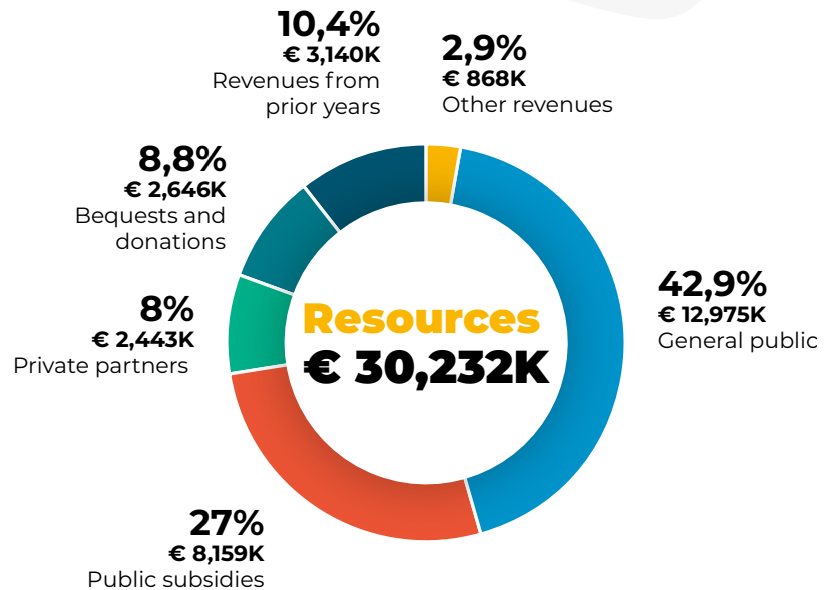
Support from our donors and sponsor corporations continued but at a slower rate of increase than the previous years (+1% for gifts by hand and +5% for sponsorship, compared to 2021), in a macroeconomic context which weighs heavily on the finances of households and companies.

Bequests show a decrease for the second year running but remain a significant source of financing in the resources of the association (9% of the total).

Contributions from non-profit organizations rose sharply (+134% vs 2021) notably due to the contribution of the Alain Deloche Foundation (€ 331K) and the American affiliate USFC (€ 292K).

Public subsidies amounted to € 8,159K in 2022, up by 21% on the previous year, and make up an increasing part of the association's resources (27%). These subsidies come mainly from the French Development Agency (AFD), the French Ministry of Europe and Foreign Affairs and the European ECHO fund which co-finance our projects in Iraq, Afghanistan, Ukraine, Jordan, Togo, Lebanon, Burkina Faso, Ivory Coast, Mali, Madagascar and Venezuela.

Other income includes ancillary income linked to provision of services, membership contributions, financial income, extraordinary income, various management income and reversals of provisions. These are up significantly on last year (+150%) thanks to



two contracts for the provision of services on hospital engineering projects amounting to € 139K, and foreign exchange gains on accounts in dollars (€ 455K). This income amounts to 800 K€ and remains marginal in the total of our resources.

Funding recorded in dedicated funds, unused at the time of closure, is carried over as income in the income statement of the following years, as and when commitments are fulfilled.

In 2022, the use of dedicated funds for projects of the two previous years (notably in Afghanistan, Iraq and Venezuela) can be seen in the increase in the utilization of dedicated funds of previous years (€ 3,140K, +138 %).

Simplified Balance Sheet

Assets	2022	2021
Fixed assets	7,355	8,421
Current assets	26,135	26,683
Total Assets	33,490	35,103

Liabilities	2022	2021
Association funds	12,208	12,399
- of which project reserves	2,000	2,000
- of which own funds, exclusive of project reserves	10,208	10,399
Provisions and deferred and dedicated funds	4,084	5,962
Debts	1,474	8,375
Deferred income	5,724	8,367
Total Liabilities	33,490	35,103

Policy on reserves

The financial year shows a deficit of - € 191K, marking the full resumption of activities after two years of slowdown and the catch-up process on projects suspended during the Covid crisis.

The 2022 deficit will be absorbed by the association reserves and, for the construction project of the cardiopediatric care unit in Madagascar, by the specific reserve set aside for that purpose, covering the expenses incurred on this project up to € 362K.

Thus, the reserves as at 31 December 2021 represent 4.9 months of activity, a level necessary to ensure the continuity of our actions in the field and satisfy the commitments made by the organization. These association funds furthermore enable us to cover unforeseen funding needs due to emergencies or a sudden decrease in income, and to finance investments and their renewal.

Expenditure

Program expenditures carried out represent € 21,609K spent in 2022 and € 2,029K programmed commitments, or 78% of total expenses.

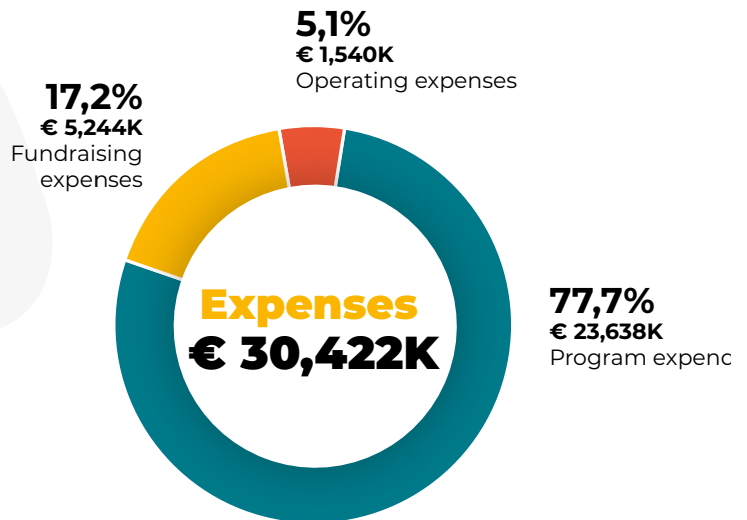
Thus, the funds invested in our missions increased by 22% compared to 2022, marking the resumption of our activities after two years of Covid restrictions.

Current expenses amount to € 6,784K. These expenses include fundraising costs, operating costs, provisions and taxes.

They are up compared to 2021 (+7%) but represent a lesser proportion than the previous year in the total expenditure of the association (22%).

Operating expenses, the indispensable basis of our missions and a guarantee of the sound management of income, rose to € 962K over the year.

Development expenses (fundraising, communication, management of donations and tax receipts, donor relations) amount to € 5,244K, up on the previous year (+4%). Allocations to provisions and depreciations

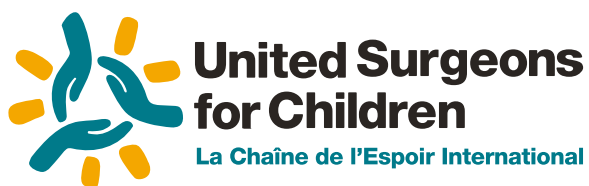


(**) Expenditures 2022: 71,0% + reports: 6,7%

remained at a significant level (€ 535K in 2022 and € 513K in 2021), due to a provision for depreciation recorded, in accordance with the prudence principle, on a part of the receivables towards the affiliated foundation in the USA.

Significant facts of the year

International network



In 2019, La Chaîne de l'Espoir created an affiliated structure under American law, the USFC Foundation (United Surgeons For Children) with the aim of extending its medical network and diversifying its sources of funding to include American donors, both private and institutional. Donations collected in the United States will contribute to the funding of all the programs run by La Chaîne de l'Espoir.

In order to launch the American foundation, La Chaîne de l'Espoir, in accordance with an agreement signed in 2021, provided it with a cash advance amounting to € 2,001K on 31 December, 2022. Following the prudence principle, it was therefore decided to depreciate 50% of this receivable during the financial year.

The investment will become profitable over time and will be used above all to finance projects in the field. The first project funds were thus received in 2022.



Transformation into a Foundation

On 11 October, 2021, the Annual General Meeting approved the principle of transforming La Chaîne de l'Espoir into a "Foundation Recognized for its Public Utility" under French law, with a view to continuing and developing the action of the association in favor of the most disadvantaged children and their communities.

However, since the implications for the governance and culture of the association turned out to be more significant than expected, the decision will once again be put to a vote at the next AGM.

Principles of financing and execution of activities

Resources

The resources of the association come from four main sources of financing:

1 ■ **The general public** is the main source of revenue of La Chaîne de l'Espoir. These donors support the actions of the organization either by one-off donations to help finance surgical operations on children or by regular donations enabling medium or long term actions, notably organizing local treatment and training missions, equipping hospitals and implementing school health programs.

Appeals to the general public are made by post, email or telephone. Regular donations by automatic bank transfer and online donations are our two main lines of development.

2 ■ **Companies and foundations** participate in financing big projects of La Chaîne de l'Espoir by means of partnerships which may last several years, notably for hospital projects, treatment and training programs and medical equipment programs. They may also contribute to care programs for children in France and abroad, to educational aid and school health programs. Events or rallies are also organized jointly by companies and La Chaîne de l'Espoir so as to unite employees around a common cause (sports events, auctions, gala evenings, ...).

3 ■ **Institutional partners** support big projects by La Chaîne de l'Espoir which last over the long term and which, by an integrated approach, aim to provide populations with a multifaceted and sustainable response to their needs.

4 ■ La Chaîne de l'Espoir seeks to arouse interest in bequests on the part of donors and the general public by means of the newsletter, publications and our website, in order to generate exchanges and requests for information. A specific and regular relation is then established with the donor (bequest brochure, information...).

Utilization of different sources of funds depending on the type of activity

Funds collected from the general public, bequests and part of the private funds from companies (sponsorship) and other private contributions (foundations) finance the totality of the activities of La Chaîne de l'Espoir (treatment for children in France, treatment overseas, school health, training, equipment and construction, ...).

When they are dedicated to a specific project, these funds are earmarked so that they can be traced by means of cost accounting. Their utilization is then devoted to programs defined in agreement with the partner, whose objectives, budget and activities correspond to precise specifications.

Voluntary contributions in kind

To finance its actions, La Chaîne de l'Espoir also relies on in-kind support.

1 ■ **Volunteer work** makes an essential contribution to the activity and influence of our organization.

Volunteers on mission abroad: every year, several hundred surgeons, doctors, nurses and technicians ensure the success and professionalism of the medical and paramedical missions of La Chaîne de l'Espoir overseas.

Volunteers for the child support program in French hospitals: thanks to them, children, mostly French, whose parents are rarely or never present, can benefit from regular visits and various activities which make their hospital stay less distressing.

Host families: children transferred to France for surgical operations are looked after by our volunteer host families. The average duration of a child's stay in France is about two months and during this period the host families devote their time to our organization.

Volunteers at the headquarters: volunteers based in the head office participate actively in administrative work, fundraising and the organizations of missions abroad.

Regional branches: located all over France, our dynamic volunteers participate in welcoming children who have operations in the provinces and in organizing events to enhance the reputation of La Chaîne de l'Espoir and to raise funds.

2 ■ **Material donations and services in kind** provide important support for our actions. Medical material, equipment or furnishing, as well as different services, notably in communication, are given to us free of charge by professionals.

3 ■ **Skills sponsorship** means that a company puts qualified staff at our disposal for periods ranging from a few days to several years. This is a great help to La Chaîne de l'Espoir and a fulfilling experience for the employees involved.

Principal aspects of relations/ conventions with French or foreign organizations which operate on behalf of La Chaîne de l'Espoir

The collaboration of La Chaîne de l'Espoir with other organizations is generally regulated by specific agreements which set out, among other things, the nature of the beneficiaries, the purpose, the definition of the operations envisaged, the responsibilities of each organization involved, the planned timetable and the modalities of monitoring and evaluation of operations.

Rigor and transparency

Main provisions adopted by the association to ensure effective internal control

The Audit and Internal Control Manager (AICM) is in charge of the formalization of internal control provisions. The AICM advises and supports the different departments in developing the association's management and internal control procedures and regularly checks on their proper implementation. The AICM organizes or directly carries out internal audits at the headquarters and on the ground. In the interests of independence, the AICM reports directly to the General Management which may also entrust him or her with internal enquiries.

Furthermore, La Chaîne de l'Espoir regularly calls in experts from outside the association to audit its procedures and strategy.

La Chaîne de l'Espoir is also accountable to different external authorities in charge of auditing the proper management and governance of the association:

- Le Don en Confiance, a donations oversight body, brings together French associations and foundations having in common their compliance with a number of deontological principles: budgetary rigor, accounting transparency and governance.
- Deloitte, an independent auditing firm which certifies every year the rigor of our management.
- International institutional financial backers (ECHO, AFD, CDCS, ...) monitor our activities, our accounts and our modes of management and governance, both at the headquarters and on the ground.
- La Chaîne de l'Espoir is liable to be audited at any moment by the French Court of Auditors.

Main provisions adopted by the association to ensure prevention of fraudulent practices, conflicts of interest and to promote high ethical standards

In order to prevent and fight against any illegal, dishonest or immoral practices with which it may be faced in the framework of its activities, La Chaîne de l'Espoir adopts a zero-tolerance policy in this matter and has implemented several provisions. Contractual relations between La Chaîne de l'Espoir and its suppliers and partners are governed by deontology clauses which enshrine their ethical commitments and provide for verifications and, if need be, sanctions.

La Chaîne de l'Espoir has policies for the prevention of fraud, corruption and ethical risks which are based notably on the principle of separation of tasks and functions and on internal control provisions. All collaborators of La Chaîne de l'Espoir are furthermore subject to a code of ethics and behavior which they pledge to respect and enforce and which defines and helps spread the values we represent.

By signing this document, all our employees show their commitment to the humanitarian and ethical principles of the organization.

Evaluation of the quality of action of La Chaîne de l'Espoir

The close contacts established with the health authorities of countries where La Chaîne de l'Espoir intervenes makes it possible to assess the utility and effectiveness of our actions.

Before setting up a project, one or several evaluations are generally made so as to determine the context, the needs, the objectives to be reached, the expected results, the activities to be carried out, as well as the human and material means required. The study of the viability and sustainability of the project is also considered. Once these elements have been obtained, a provisional budget is established.

The monitoring and evaluation of programs is carried out on the basis of those elements for which achievement and impact indicators are defined and followed regularly by means of project management charts. Financial steering in turn is carried out through monthly updates of reporting on actual and forecast budget consumption. For certain projects, enquiries are made at the beginning, in the course and at the end of the project so as to assess the progress made and the impact of the project. Surveys on the satisfaction of the beneficiaries at the end of the project may also be conducted. If necessary, program evaluation is carried out by specialist external structures.

Organization and human resources



The legal structure of La Chaîne de l'Espoir

La Chaîne de l'Espoir is an association established according to the French law of 1 July 1901 and declared to the Préfecture de Paris on 12 December 1994 under the N° 94/4993.

The scope of the annual report of La Chaîne de l'Espoir

The scope of the annual report of La Chaîne de l'Espoir covers the totality of its activities: treatment of children in France, emergency actions, treatment and training missions, construction, equipment, educational and health programs in schools.

The members of La Chaîne de l'Espoir

La Chaîne de l'Espoir has 211 active members, all with voting rights.

The Board of Directors of La Chaîne de l'Espoir in 2022

The Bureau

President:

- Dr. Éric CHEYSSON, Head of the Vascular Surgery Department at l'Hôpital René Dubos, Pontoise
End of term of office: June 2025

Vice-presidents:

- Dr. Philippe VALENTI, Hand Surgeon at Clinique Bizet, Paris
End of term of office: June 2025 (end of administrator term of office: June 2027)
- Prof. Gérard BABATASI, Cardiac surgeon

End of term of office: June 2025 (end of administrator term of office: June 2026)

Secretary General:

- Jean-Roch SERRA, Former director of the medical branch of the Siemens group
End of term of office: June 2025

Treasurer:

- Sandrine GUEBIN TURQUETIL, Chartered accountant, Administrative Director of MACSF group
End of term of office: June 2025 (end of administrator term of office: June 2027)

Members

- Dr. Catherine AMREIN, Intensivist
End of term of office: June 2023
Prof. Christophe CHARDOT, Pediatric surgeon
End of term of office: June 2025
- Dr. Sylvain CHAUVAUD, Cardio-vascular surgeon
End of term of office: June 2023
- Dr. Michel CYMES, O.R.L. specialist at l'Hôpital Européen Georges Pompidou, Paris – Journalist
End of term of office: June 2023
- Dr. Jean-Michel DAVAINÉ, Vascular surgeon
End of term of office: June 2027
- Gonzague DESFORGES, Retired engineer
End of term of office: June 2026
- Emile DINET, Director General Delegate of SENY group
End of term of office: June 2023
- Philippe DUMAS, Retired inspector general of finances
End of term of office: June 2023
- Denis DUVERNE, Chairman of the Board of Directors of Axa
End of term of office: June 2026
- Prof. Antoine LAFONT, Interventional cardiologist at l'Hôpital Européen Georges Pompidou, Paris
End of term of office: June 2026

- Jacques MAILLOT, Chairman and Founder of Nouvelles Frontières
End of term of office: June 2026
- Françoise MONARD, Senior consultant
End of term of office: June 2023
- Philippe PEYRAT, General delegate of the Engie Foundation
End of term of office: June 2025
- Sébastien PRAT, Lawyer, Paris
End of term of office: June 2026
- Prof. Yann REVILLON, Former head of the Pediatric Surgery Department, Hôpital Necker-Enfants Malades, Paris
End of term of office: June 2025
- Dr. Dominique TOURNAY, Anesthetist
End of term of office: June 2023
- Dr. Jean VENDROUX, Plastic surgeon
End of term of office: June 2025
- AP/HP (represented by Mme Florence VEBER, Director of International Affairs of l'Assistance Publique - Hôpitaux de Paris)
End of term of office: June 2027

The management team

The operational management is assured by a management team responsible for the implementation of the strategy set out by the governance. The team includes a general direction, a deputy general direction in charge of operations, a medical direction, an administrative and financial direction, a development direction and a human resources direction. The executive committee includes the general direction and the five operational directions. It meets weekly.

The specialist committees of La Chaîne de l'Espoir

The management committee

The role of the management committee is to ensure that the decisions of the Board of Directors are implemented and that the activities and missions of La Chaîne de l'Espoir are properly carried out. It is made up of the members of the bureau and the operational directors of the association. It meets at least once a month.

The financial committee

The role of the financial committee is to advise the Board of Directors on financial decisions at a strategic level, such as policy on own funds and investment choices.

The audit and internal control committee

The audit and internal control committee is an internal control organ assuring active monitoring of risk prevention and compliance with rules of governance. It is composed of qualified members of the Board of Directors and external experts. It is directly linked to the Audit and Internal Control Manager (AICM) who gives regularly updated reports on risks and ensures that everything possible is done to prevent them.

It also makes sure that the association is managed in compliance with the law and with rules of good governance, that there are formalized procedures with adequate controls over management processes and that the production and external auditing of social accounts are carried out in accordance with regulations.

Employees

On 31 December 2022, La Chaîne de l'Espoir had 67 full-time equivalent employees at the headquarters in France.

La Chaîne de l'Espoir also has numerous employees, expatriate or local, in its structures overseas in our areas of intervention:

Afghanistan	44
Mali	16
Iraq	15
Togo	12
Lebanon	9
Jordan	8
Burkina Faso	6
Madagascar	6
Cambodia	2
Ivory Coast	1
Total	119

Volunteers

In 2022, La Chaîne de l'Espoir had 694 volunteers (host families, companions, medical and paramedical personnel, technicians, administrative staff) in France and on missions in the field.

Volunteers on programs abroad	240
Volunteers on programs in France	118
Host families	170
Volunteers in local branches	98
Volunteers at the headquarters	68
Total	694

Development of resources and communication

Highlights

COMMUNICATION

A new message and progress in digital communication

In 2022, a new marketing and communication campaign for the end of the year, entitled «Objective 0 Days», was developed. Inspired by our waiting lists of sick children in our countries of intervention, the campaign played out over a vast national network: posters, press, television, social networks... The campaign was made possible thanks to the pro bono help of the Oswald agency and advertising spaces given free of charge.

In addition, the association's presence on social networks increased notably in 2022: La Chaîne de l'Espoir succeeded in developing a global community of 110,000 subscribers, an increase of nearly 10% compared to 2021. This growth was particularly strong on LinkedIn (+47%).

MARKETING

Fundraising trends

In 2022, La Chaîne de l'Espoir recorded a slight increase in private funds raised, reaching a total of 12,974 K€, up 1% on 2021. This rise was due to a small increase in the number of donors through automatic bank transfer as well as a higher average donation (including both one-off and regular donors).

However, because of the difficult economic context, we see a slight reduction in the number of one-off donors (-3,64%).

RELATIONS WITH THE MEDIA

An increased presence in the media

The objective of media relations for La Chaîne de l'Espoir is to make our actions and messages known to the general public, political decision-makers and potential partners. Media relations also enable us to raise public awareness of the challenges we face, to mobilize support, promote our campaigns and encourage donations.

In 2022, we were very present in the media:

- More than 1,000 media spin-offs during the year
- Outstanding topics of the year: Ukraine, the Route du Rhum, Afghanistan, children coming for treatment in France...



BEQUESTS

A long-term effort bearing fruit

In 2022, 19 files were completed, 5 of which were over five years old. After two exceptional years, the 2022 result was down by 27.88 % with a total of 2,640,292 €, compared to 3,661,087 € in 2021. A campaign to promote donations took place in two one-week waves in March and October 2022, in the press and on radio.

SPONSORSHIP

Development and diversification of support

Funds raised from sponsors, organizations and foundations, amount to 2,330 K€, up 5 % on 2021. This total represents the investment of 42 private sponsors and is made possible thanks to their loyalty and our efforts to enhance communication actions.

BRANCHES & EVENTS

Events all over France

2022 saw the resumption of events after the Covid 19 crisis. Initiatives sprang up all over France to give support to La Chaîne de l'Espoir, in educational establishments, sporting and cultural associations. These actions not only contribute to the visibility of the association but enable essential fundraising (51,815 € raised in 2022, an increase of 54 % compared to 2021). Reminder of outstanding events in 2022:

- Marathon in Albi - April
- No Finish Line, Paris - June
- Mont Blanc Ultra Train - August
- Route du Rhum - November

Acknowledgements

Sponsors

A Allianz Le Flamboyant, Altigroup, Apel Passy, Apis distributeur matériel médical, APTISKILLS, Association TULIPE, AXA **B** Banque nationale de développement agricole, Bernard Magrez, BNP Paribas **C** Cabinet Magenta, CH DU PAYS D AIX, Children and Future Monaco, CHU de Grenoble, Clarins, Corsalis Logistics Real Estate, Croix Rouge Monégasque **D** Demain **E** Essilor, Eversheds Sutherland **F** Famille Frémaux, Fondation Air Liquide, Fondation Artelia, Fondation de l'Avenir, Fondation des Hôpitaux de Paris, Fondation ENGIE, Fondation Nehs, Fondation Orange Mali **K** KFunds **L** Le Petit Vapoteur, Linda Norgrove Foundation **M** Mairie de Molines en Queyras, Mecam 44, Mécénat Servier **N** N5 Avocats, Nutriset **P** Persuaders RH, Peters Surgical, Pharmavie, Plateau Affaires Air France, Proludic **R** Reed Smith, Roland Berger **S** Siemens, So Leader, Stryker **T** Tacquard, TP media **U** Umanis, UTMB **V** Villard Medical **Z** Zephyr (Caritas).

Institutional partners

A Agence Française de Développement, Ambassades de France au Bénin, Burkina Faso, Congo Brazzaville, RDC, Cameroun, Djibouti, Guinée Conakry, Irak, Madagascar, Mali, Niger, Sénégal, Tchad, Togo, Vénézuéla **C** Communes du Grand Lomé, Conseil Départemental de La Réunion, Centre de crise et de soutien du ministère de l'Europe et des Affaires étrangères **D** DCI Monaco, DG ECHO (UE) **E** EU - EUTF MADAD fund (Iraq), Expertise France **M** Ministère de la Santé du Bénin, ministère de la Santé et du Développement Social, ministère de la Santé, de l'Hygiène Publique et de la Couverture Maladie Universelle de Côte d'Ivoire, ministère de la Santé, de l'Hygiène Publique et de l'Accès aux soins Universelles du Togo, ministère des Autorités Territoriales et de la Décentralisation, ministère des Enseignements Primaire, Secondaire, Technique et de l'Artisanat du Togo, Monaco Collectif Humanitaire **S** Service aérien humanitaire des Nations Unies (UNHAS).

Operational partners

A Aga Khan Development Network (AKDN), Aga Khan Foundation (AKF), Aga Khan Health Services (AKHS), Aga Khan University (AKU), Al Hussein Society (Jordanie), Arabian Medical Relief (AMR) (Jordanie), Arc En Ciel (Liban), Assistance Publique - Hôpitaux de Paris, Association des Agents de Maintenance Biomédicale, Association Française des Ingénieurs Biomédicaux, Association Jeunesse Avenir (Togo), Association NEWFACE (Mali), Association Nyagbé (Togo), Association vénézuélienne des services de santé d'orientation chrétienne, Association Wash Volunteers (Togo), Aviation Sans Frontières (ASF), AXA Assurances **B** Barbosa Vivier et associés, BBraun Medical, Belimed, Bioport, Bouygues Bâtiments International **C** Caritas Liban, Centre National de Transfusion Sanguine, Centre National Hospitalier et

Universitaire de Cotonou (Bénin), CHU de Bogodogo (Burkina Faso), CHU de Bordeaux, CHU de Fann (Sénégal), CHU de Nantes, CHU de Toulouse, CHU de Tours, CHU Mère - Enfant Lagune de Cotonou (Bénin), CHU Sylvanus Olympio de Lomé (Togo), Croix-Rouge de Côte d'Ivoire **D** Doctors Aid for Medical Activities Organization - DAMA (Irak) **E** Ecosystem, EPHOM Ordre de Malte, EU Humanitarian Air Bridge (EU HAB) **F** Fondation Air Liquide, Fondation Merieux, Fondation Panzi, Fujifilm **G** General Electric, Getinge, GPF **H** HeartBeat - La Chaîne de l'Espoir (Liban), Hôpital du Mali, Hôpital Mère et Enfants le Luxembourg (Mali), Hôpital Mère-Enfant Dominique Ouattara de Bingerville (Côte d'Ivoire), Hospices Civils de Lyon, Hulo (Coopérative Logistique Humanitaire) **I** Igeniair, Ingénieurs Hospitaliers de France, Institut de Cardiologie d'Abidjan (Côte d'Ivoire), Institut Médical pour la mère et l'Enfant (IMFE) (Afghanistan), International Health Foundation (IHF) **J** Jordan Health Aid Society-international (JHASI) **L** Landanger, Lion's club Karité de Ouagadougou (Burkina Faso), Livanova **M** Medicalex, Medtronic, Mehad (ex-UOSSM-Fr), Mindray **N** Nadia's Initiative (Irak), Novair **P** Philips Medical **S** Sesobel (Liban) **T** Terres des Hommes Lausanne, Terres des Hommes Mali **U** Université polytechnique de l'Ouest Africain **V** Vlad.

NGO platforms and coordination bodies of which La Chaîne de l'Espoir is a member

A ANAMS **C** CHD, Cluster Protection de l'enfance (Madagascar), Cluster Santé (Burkina Faso), Cluster Santé (Ukraine), Conseil de Concertation pour l'Eau et l'Assainissement de Base au Togo, Coordination SUD **F** F3E Paris, Forum des ONG Internationales au Mali (FONGIM), Forum des ONG Internationales Humanitaires au Burkina Faso (FONGIH) **G** Groupe Enfance de la Coordination Humanitaire et Développement **I** Institut des Dirigeants d'Associations et Fondations (IDAF) **L** LHIF (Liban) **N** National Health Cluster (Irak), NGO Coordination Committee for Iraq - NCCI (Irak) **R** Réseau des Organisations Internationales au Togo **S** Sinjar and Mosul Area-based Coordination (ABC) groups, led by the UN - DSTWG **V** Violences en Milieu Scolaire (Togo), VOICE.

2022 Activity Report

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La Chaîne de l'Espoir.

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Index by continent



TOTAL
=
€20,797,569

COUNTRY	PAGE	PROJECT	BUDGET IN €
EUROPE			3,262,388
France	8, 30	Support for Hospitalized Children (AEH), Transfer of children and treatment in France (SOIF)	1,750,577
Ukraine	8, 29, 31	Supply of consumables and medicines, biomedical equipment routing, training medical personnel in war medicine	1,511,811
ASIA			5,094,460
Afghanistan	8, 26, 29, 32	Pediatric surgery, cardiac surgery, obstetrics and gynecology, maternal health, cardiology, orthopedics, obstetrics and gynecology, neonatology, acute malnutrition, anesthesia, screening and awareness, postgraduate training program, supply of biomedical equipment and consumables, Children's Pavilion, psychosocial support, echoes®	3,964,765
Bangladesh	23, 26	Essential surgery, gynecology-obstetrics, orthopedic surgery, medical consultations, biomedical equipment	45,864
Bhutan	29	Technical expertise for hospital infrastructures	4,752
Cambodia	8, 20, 24	Cardiac surgery, neurosurgery, cardiology, orthopedics, Children's Pavilion, biomedical equipment	229,172
India	19	Primary care health, school health, women's health, mobile clinics, child protection, prevention and screening, awareness-raising, psychosocial support	376,924
Laos	21	Pediatric surgery, visceral surgery	29,722
Nepal	23	School health, primary care health, awareness and prevention, child protection, psychosocial support	295,831
Thailand	-	-	22,514
Vietnam	24	Pediatric cardiac surgery, Children's Pavilion, medico-social support	124,916
MULTI-COUNTRY			64,556
DES	20	Degree in Specialist Studies in Pediatric Surgery (DES-CPD) in West Africa	64 556

COUNTRY	PAGE	PROJECT	BUDGET IN €
AFRICA			5,559,214
Benin	20, 23	Pediatric surgery, visceral surgery, urological surgery, reconstructive surgery (burns), itinerant surgery missions, echoes®, biomedical equipment	293,642
Burkina Faso	8, 20, 24	Pediatric cardiac surgery, reconstructive surgery (Noma, maxillofacial pathologies), loco-regional anesthesia, echoes®, biomedical equipment and consumables, awareness, psycho-social and economic support, prevention and screening	860,956
Cameroon	20, 27	Cardiac surgery, strengthening medical skills	56,674
Comoros	8, 27	Exploratory mission in cardiopediatrics	22,671
Ivory Coast	8, 19, 20, 26	Cardiac surgery, caustic stenosis, laparoscopic surgery, ophthalmologic surgery, gynecology-obstetrics, loco-regional anesthesia, radiology, pain management, prevention and awareness, psychosocial support, medical equipment and consumables, echoes®	547,651
Guinea-Conakry	29	Biomedical equipment, echoes®	17,873
Madagascar	8, 20, 24, 28	Pediatric cardiac surgery, construction and rehabilitation, biomedical equipment, supply of consumables and medicines, early detection, training and capacity building, echoes®	689,005
Mali	8, 19, 20, 24	Cardiac surgery, reconstructive surgery (noma, maxillofacial pathologies), caustic stenosis, loco-regional anesthesia, prevention and awareness, training, biomedical equipment, consumables and medicines, echoes®	1,238,099
Niger	27	Exploratory pediatric cardiac surgery mission	12,378
Mauritania	24	Pediatric cardiac surgery, medicines and consumables	46,944
Mozambique	20, 24	Pediatric cardiac surgery, interventional catheterization, consumables and medicines, Children's Pavilion, echoes®	100,865
Republic Democratic Congo	28	Exploratory mission in cardiac surgery, technical feasibility study for hospital construction	43,393
Rwanda	29	Pediatric cardiology, biomedical equipment	62,151
Senegal	8, 20, 24	Pediatric cardiology, cardiac surgery, digestive endoscopy, support for the construction of operating theaters, supply of biomedical equipment and consumables, medical and biomedical training, Children's Pavilion, south-south transfers	758,733
Chad	-	Essential surgery	531
Togo	8, 19, 20, 23	Pediatric surgery, brachial plexus, school health, nutrition, water-hygiene-sanitation, echoes®, itinerant surgery missions, biomedical equipment, prevention and screening	807,648

LATIN AMERICA - CARIBBEAN			602,433
Haiti	19	School health, ophthalmology, awareness, prevention and screening of hearing and language disorders, supply of consumables and medication	176,317
Venezuela	29	Pediatric general surgery, essential surgery, supply of biomedical equipment, strengthening of technical skills, supply of consumables and medicines	426,116

MIDDLE EAST			6,214,518
Iraq	8, 27, 28, 33	Hospital construction, biomedical equipment, consumables and medicines, training and strengthening of medical and paramedical skills	4,010,984
Jordan	8, 19, 20, 24	Cardiac surgery, orthopaedic surgery, early detection, prevention and awareness, physiotherapy, psychosocial support, echoes®	1,153,538
Lebanon	19, 24	Cardiac surgery, orthopedic surgery, essential surgery, early detection, prevention and awareness, rehabilitation, psychosocial support	955,836
Syria	29	Routing of biomedical equipment, pediatric medical consultations	94,160



**La chaîne
de l'espoir**

Together, let's save children

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