

The Kühne Foundations in the year 2013







The public-benefit Kühne Foundation was established by the Kühne family in Switzerland in 1976. The Kühne Foundation is an operative organisation which initiates and implements most of its projects itself. The deed of the foundation specifies the following two main areas of support:

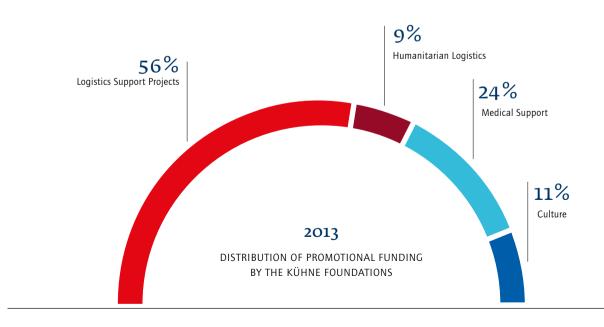
- Support for training, further education, scholarships, and research in the fields of transport and logistics.
- 2. Support for medical sciences, humanitarian, charitable, and cultural projects.

In 2013 the total sum contributed by the Kühne Foundation was 14.9 million Swiss Francs.

The second foundation of the Kühne family, the Klaus-Michael Kühne Foundation, was established in Hamburg, the hometown of the founder, in 2008. This foundation mainly supports the following areas:

- 1. Culture, in particular music and literature in Hamburg.
- According to its statutes it also supports the preservation of historical monuments, science and research as well as vocational education establishments for training and further education.

In 2013 the total sum contributed by the Klaus-Michael Kühne Foundation was around 940,000 Euros.



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Preface by the Donor

DEAR FRIENDS AND PROJECT PARTNERS OF THE KÜHNE FOUNDATIONS, DEAR READERS

2013 was an eventful and, at the same time, successful year for both the Kühne Foundation in Schindellegi, Switzerland, and the Klaus-Michael Kühne Foundation in Hamburg.

For the Kühne Logistics University which was founded in 2010 moving to its own building in Hamburg's HafenCity marked the beginning of a new era. The university now offers a modern campus right next to the city's port and can accommodate 299 people in its golden auditorium. An academic centre for teaching and research in logistics has herewith been established in a highly representative environment in Hamburg's HafenCity. The range of study programmes in Global Logistics and Management as well as an EMBA-programme already existing were complemented by a Bachelor degree programme in management. It is with great pleasure that I remember the official opening ceremony of the new building in September 2013. Supporting both teaching and research at a logistics university which, in the long run, will earn the prestigious title of "Excellence" is of personal importance to me. The Kühne Logistics University receives support from a number of professorial chairs at leading universities in Switzerland, Germany and China which have been funded by the Kühne Foundation for many years now. This network allows us to implement common research and exchange programmes in logistics education.



Prof. Dr. h.c. Klaus-Michael Kühne, President of the Board of Trustees

Created in 2010 the new funding focus on "Humanitarian Logistics" has become an integral part of my foundation's activities by now. Its main project is the H.E.L.P.-Centre which is run by the foundation and aims at educating logistics experts in crisis areas as well as consulting in logistics aspects for both national and international relief organisations. Our goal is to professionalise the humanitarian sector in logistics in order to be able to help more people during humanitarian catastrophes. 2013 was a year of internationalisation. Both transporting and warehousing the goods which are desperately needed in disaster areas still present major challenges to relief organisations.

Due to the worldwide increase in allergic diseases which partly imply serious health impairments the Kühne Foundation founded the Christine Kühne-Centre for Allergy Research and Education (CK-CARE) five years ago in Davos, Switzerland. It is with great interest that my wife and I took part in the second "Global Allergy Forum" in June 2013 in Davos following renowned medical researchers from all over the world in their exchange on the current state and recent developments in clinical and experimental allergology and immunology.

With regard to culture the Kühne Foundation supported the Salzburg Festival for the first time, whose Young Singers also gave a guest performance on Majorca. My wife and I also enjoy thinking back to the concerts given at the Lucerne Festival and the Musiksommer Zürichsee which we have been funding for many years now. The Klaus-Michael Kühne Foundation supports cultural projects in my hometown, Hamburg, focusing on music and literature. From its early days on the Harbour Front Literature Festival has been supported and since 2010 the foundation of the Hamburg State Opera receives funding as well. Furthermore, the Klaus-Michael Kühne Foundation supported a series of events on the occasion of the German Protestant Church Congress in Hamburg's St. Catherine's church, a gala performance at the Festspielhaus Baden-Baden, the Nibelungen Festival in Worms, and a concert of the Vienna State Opera in Hamburg.

I sincerely hope you will gain a comprehensive insight into the many and ambitious projects of the Kühne Foundations and enjoy reading about them. Thank you very much for your interest in the foundations activities.

Sincerely yours

Klaus-Michael Kühne President of the Board of Trustees





Logistics Support Projects

LOGISTICS SUPPORT PROJECTS

FOR MANY YEARS THE KÜHNE-FOUNDATION HAS BEEN SUPPORTING CHAIRS AT DIFFERENT UNIVERSI-TIES AROUND THE WORLD. ITS FLAGSHIP PROJECT IS THE KÜHNE LOGISTICS UNIVERSITY (KLU) WHICH WAS FOUNDED IN 2010. The foundation aims at developing and supporting logistics as a discipline. The different educational institutions it supports shall connect and inspire each other in order to better achieve this goal. In an annual professorial meeting all professors who receive funding from the Kühne Foundation have the opportunity to meet up and profit from the mutual exchange of ideas. The foundation supports a number of projects: events, seminars and the publication of scientific papers.

KÜHNE LOGISTICS UNIVERSITY (KLU)

DEVELOPMENT OF THE KLU

For the Kühne Logistics University which was founded in 2010 moving to its own building in Hamburg's HafenCity marked the beginning of a new era. The university now offers a modern campus right next to the city's port. The highly representative building at Großer Grasbrook 17 impresses with an architectural highlight: The golden auditorium which is situated in the foyer can accommodate 299 people and is shaped like an egg quite unusual for a university auditorium. At the official opening ceremony the KLU's founder Klaus-Michael Kühne and Hamburg's First Mayor Olaf Scholz officially handed the building's keys to its new president, Prof. Thomas Strothotte. A German-Canadian by citizenship and Computer Scientist by training he took office on August 1, 2013.

The KLU is successfully developing to an internationally renowned institution for teaching and research in the broader area of logistics. The many publications in highly ranked scientific journals demonstrate the KLU's research capabilities and underline its ambition and performance. The number of professors and students has continued to increase in 2013. However, the KLU's growth has not yet reached its final state. By now the KLU offers the entire range of university education.



Kühne Logistics University, Hamburg

A new Bachelor of Science programme in management has started in September, while its two master programmes continue to meet the high demand. In 2013 the 18-month part-time Executive MBA in Leadership & Logistics started its second class. The KLU's PhD programme serves to promote young scientists. 16 candidates are working on their dissertation as part of a structured PhD programme. In the area of executive education seminars like the Summer and Autumn School were equally successful in 2013. The same applies to company-specific programmes in maritime logistics and international railway management.

TEACHING & EXECUTIVE TRAINING

Since September 2013 the KLU offers a degree programme for high school graduates in English. The university's focus on logistics is mirrored in the programmes design: the Bachelor of Science in Management offers high school graduates the opportunity to study internationally and specialise in either logistics or general management. With 24 freshmen this programme has successfully started.

Both master programmes are highly attractive for two target groups: the Master of Science in Global Logistics as a specialised programme offers students with a clear professional focus on a career in logistics and Supply Chain Management optimal study conditions and career prospects. The same applies to the Master in Science in Management which offers the choice between a specialisation in logistics and a comprehensive education in management. Their sound scientific basis, strong focus on practical applicability and internationality characterise both programmes.

The KLU's Career Centre offers an additional and well received service to students. It supports them in their professional development, advises and offers access to industry. Many graduates have started their professional lives at renowned companies.



The Kühne Logistics University is a private, state-recognised university dedicated to teaching and research in logistics and management and the scientific flagship of the Kühne Foundation. Logistics is a central management function in an international and interconnected economy. A comprehensive understanding of logistics prepares leaders for the global challenges presented by the management of tomorrow.

Located in Hamburg and founded in 2010 the KLU follows an interdisciplinary and international approach in teaching and research thereby adhering to the vision of its founder, Professor Dr. h.c. Klaus-Michael Kühne. The decision to choose the HafenCity as a campus location emphasises both the university's and the foundation's confidence that the city of Hamburg will successfully develop as a business and education location. This way, a logistical environment of both science and industry is formed and built.





Above: KLU Graduate at the Graduation Ceremony

Below: PhD Candidates

The class of 2013 was officially graduated during the opening of the new campus in Hamburg's HafenCity. Together with the Dean of Programmes, Prof. Alan McKinnon, the KLU's founder, Prof. Dr. h.c. Klaus-Michael Kühne, handed them their certificates.

Internationality is of vital importance at the KLU. Hence studying abroad is an integral part of both the Bachelor and the Master programmes; students spend one semester at another university. This is not only about expanding their professional and language capabilities but also about improving social competences and understanding other cultures. The KLU steadily increases its partner network which in 2013 comprised 30 partner universities around the world. The KLU's International Office advises students in selecting a suitable partner university and takes care of the network itself. The semester abroad is widely appreciated among students popular destinations are Shanghai, Bogotá, Reykjavik or Windhoek.

The part-time Executive MBA (EMBA) in Logistics & Leadership was established as an executive training programme for leaders. This programme enables experienced managers to gain the knowledge necessary to advance in their careers. For the second time now a group of students from the company-specific programme in Indonesia will study the EMBA as a company-specific programme. This group will be taught by KLU professors in Jakarta.

The International Summer and Autumn Schools which focus on Supply Chain and Logistics Management as



Prof. Klaus-Michael Kühne and his wife Christine Kühne at the graduation ceremony of the KLU with Prof. Strothotte (left) and Prof. McKinnon (right)

well as Transport Management, have been offered once more. Furthermore, a customised programme for the Kazakhstan Railway KTZ has been conducted at the KLU.

FACULTY & RESEARCH

2013 was a good year for the KLU's faculty, during which the steady growth of previous years has been continued. By the end of 2013 15 professors taught and researched at the KLU further calls are planned. Once more internationally renowned scientists have been called to the KLU which offers them an excellent environment, the necessary infrastructure as well as research budgets. The faculty's research results were once again published in highly ranked international scientific journals. Apart from teaching and research the KLU regards the implementation of projects with different partners as one of its most important tasks. In return, this strengthens the KLU's reputation as the place to be for scientists recognised internationally.

Industry projects are highly regarded at the KLU. Several logistics research projects with international companies were initiated in 2013.

PHD PROGRAMME

By now, the KLU hosts 16 PhD candidates from Germany, China, Italy, and Russia. All of them have been selected to participate in the KLU's four year structured PhD programme. The scholarship holders do their research in the areas of logistics, marketing and management. Current research topics include the application of statistical and empirical methods in Supply Chain Management or the introduction of a talent management system in companies. Apart from their coursework, PhDs are actively involved in the research of the KLU's faculty and participate in national and international conferences. The PhD programme participants aim at publishing their own research results in renowned academic journals thereby contributing to the evolution of scientific knowledge.



Swiss Federal Institute of Technology (ETH Zurich)

SWISS FEDERAL INSTITUTE OF TECHNOLOGY ZURICH (ETH)

The ETH Zürich stands for excellence in teaching, pioneering research and the application of its results for the use of society. Founded in 1855 it offers an inspiring environment for its researchers and a comprehensive education for its students as one of the technical and natural sciences-oriented universities leading internationally.

The ETH Zürich comprises more than 17,000 students from around 80 countries, of which 3,700 are PhDs. More than 450 professors teach and do research in the areas of engineering, architecture, maths, natural sciences, system-oriented sciences as well as management and social sciences.

ETH Zürich is regularly ranked as one of the best universities worldwide in international rankings. 21 Nobel Prize laureates who have studied, taught or done their research at ETH Zürich underline its excellent reputation.

CHAIR FOR LOGISTICS MANAGEMENT AT THE SWISS FEDERAL INSTITUTE OF TECHNOLOGY ETH

In their work and activities Professor Stephan Wagner and his team focused on the development of their "Executive MBA in Supply Chain Management". This study programme which has been starting annually for over a decade now prepares leaders with a first university degree for the next step in their careers. In the course of 18 months participants learn theories in international management and logistics and transfer them to their everyday work. Participants are familiarised with current industry practice and learn about companies and universities in Russia, Japan, China, and the US through their visits on site.

An important milestone for this study programme was its successful reaccreditation by the European Foundation for Management Development (EFMD). The repeated awarding of the international programme accreditation seal EPAS is a consequence of the constant development and optimisation of this programme. A group of advisors and experts in international MBA programmes from Germany, England and Hong Kong confirmed that the programme meets highest international quality standards.

Furthermore, Professor Wagner has strengthened the governance of this programme by creating an Industry Executive Advisory Board which at the same time ensures that the programme design meets industry demands. On the board CEOs and managers of renowned Swiss and international companies are represented. The Executive MBA in Supply Chain Management's Alumni organisation has once again offered events on career



WHU Campus, Vallendar

development as well as professional topics in close cooperation with the Executive MBA-Team of the ETH. The eleventh class of the Executive MBA in Supply Chain Management has started in September.

Last year's successful work was continued both in research and knowledge transfer. The chair's various projects focus on strategy, networks, supplier relations, behavior and leadership, risk, innovation, entrepreneurship and sustainability. New activities cover the area of Humanitarian Logistics. The team adapted the well-known "Beer Game" to the requirements in Humanitarian Logistics and conducted trainings and workshops on site – among others for the World Food Programme at the United Nations (UN-WFP) in Nairobi (Kenya) and the relief organisation Medair in Juba (South Sudan).

Apart from its Executive MBA and its research and know-ledge transfer the Chair in Logistics Management has gained attractiveness for ETH's students. This is demonstrated by the high demand for master theses on various topics in the area of Supply Chain Management as well as the "Golden Owl 2013" award to Professor Wagner. This prize is awarded annually to a highly committed lecturer at ETH.

KÜHNE-INSTITUTE FOR LOGISTICS MANAGEMENT AT THE WHU – OTTO BEISHEIM SCHOOL OF MANAGEMENT, VALLENDAR

For 25 years the Kühne Foundation has supported the WHU – first through project funding and since 2000 within an institutional framework. The Kühne-Institute for Logistics Management pools the entire range of teaching and practice transfer activities on logistics

WHU - OTTO BEISHEIM SCHOOL OF MANAGEMENT

The WHU-Otto Beisheim School of Management is an international, privately financed management university. Founded in 1984 it is one of the most renowned German business schools with a high reputation around the world. In October 2012 the WHU opened its second campus in Düsseldorf. This allows for the generation of impulses for the German university system and especially the education of executives in two locations at once.

WHU is an example for future-oriented research and teaching in the area of management. Around 1,300 students study in its Bachelor-, Master-, MBA and PhD programmes. Customised programmes for executives which adapt to the individual needs of companies complete its portfolio. The international network comprises 185 partner universities and allows for both the exchange of lecturers and students as well as research cooperation on all continents. WHU is accredited by the most renowned German, European and US American accreditation agencies.



Team of the Kühne-Institute for Logistics Management at WHU

management at WHU. Apart from its two directors, professors Spinler and Wallenburg, around 20 PhDs work at the institute. Countless international partners from both the industry and academia are also involved in the institute's activities.

The Kühne-Institute contributes to all programmes at WHU – from Bachelor to Master and MBA programmes and PhD courses, thereby representing a significant part of the WHU's educational offer which covers a broad range of General Management issues.

Its research focus lies on practically relevant problems in core areas of logistics and Supply Chain Management (SCM). Sustainability and risk management in supply chains and logistics networks are the first two major research areas. With regard to sustainability research questions include the improvement of logistics processes in today's mega-cities in order to support urban growth sustainably. The institute's risk management research focuses on the risk management of logistics service suppliers or handling of different risk categories by purchasers. Apart from classic operational risks disruptive events like natural disasters or political factors are taken into account in order to identify, evaluate and control risks systematically as well as depict them in conceptual or formal-analytical models. Furthermore, an empirical research project looks at the distribution of risks between companies in the respective supply chains and recommends possible optimisation strategies.

Other research areas are customer relationship management in vertical and horizontal supply chain coopera-

tion, management of logistics companies and services as well as controlling in logistics and SCM. The perspective of logistic companies, for example with regard to online retail or contract design in logistics outsourcing, is of vital importance in these areas. A current project looks at the IT skills needed to meet the demand of logistics customers in their entire range from standardised transport services to complex contract logistics projects. In order to generate applicable results leading logistics companies are involved in the implementation of this research project – often in cooperation with international research partners.

One indicator of the long-term success of the Kühne-Institute surely is its numerous publications in renowned international journals. One of the papers has even been awarded a prize for "Outstanding Paper". As the European Editor of the Journal of Business Logistics Professor Wallenburg not only contributes to the development of the journal but also organises the annual Empirical Research Seminar on Logistics and SCM held by the Council of Supply Chain Management Professionals (CSCMP ERS on Logistics and SCM).

With regard to the interaction with the industry this year's Campus for Supply Chain Management on "Communication and Collaboration Shaping Future Supply Chains" marked the tenth anniversary of this event at WHU. New developments and challenges in Supply Chain Management were discussed in presentations and workshops by both industry representatives and scientists from a communication and cooperation perspective.



Berlin Institute of Technology (TU), Berlin

COMPETENCE CENTRE "INTERNATIONAL LOGISTICS NETWORKS" AT THE TECHNICAL UNIVERSITY (TU) BERLIN

The Kühne Foundation supports the Competence Centre "International Logistics Networks" which is part of the Logistics Section at the Institute for Technology and Management at TU Berlin and led by Professor Frank Straube.

The Competence Centre addresses research and educational issues in the area of the management of international and Sino-German logistics networks.

During the last year its activities aimed at the development of a navigator for Sino-German logistics networks as a systematic planning instrument for managers from three industries (automotive, electronics, consumer goods) and logistics service suppliers. Special emphasis was put on dealing with volatility in the demand for goods and services as well as the decrease of risks created by disruptions within the logistics network. Workshops with executives were held repeatedly to exchange ideas and gain new insights for the project. The navigator was developed in cooperation with the Kühne Foundation's Endowed Chair at Tongji-University in Shanghai. A scientific assistant from TU Berlin supported the Endowed Chair's employees on site to facilitate the process. Furthermore, the Competence Centre worked on the international "Trends and Strategies in Logistics and Supply Chain Management" study by the Federal Association of Logistics (Bundesvereinigung Logistik, BVL). Several publications by Competence Centre members were published in international journals. One publication was awarded the "Emerald Literati Network Award for Excellence".

BERLIN INSTITUTE OF TECHNOLOGY (TU), BERLIN

The TU Berlin is a university known and renowned around the world and located in the German capital. Among its main research areas are "mobility and traffic", "resource efficiency" and "information and communication" for tomorrow's society. With more than 300,000 students, 335 professors and 2,580 scientific assistants TU Berlin is one of the biggest universities in Germany.

As a research-centered university TU Berlin supports the cooperation between business and science both in Germany and abroad. Both its basic and applied research are known for their top quality.

The broad range of subjects at TU Berlin allows students a transdisciplinary scientific education which takes into account the societal and global responsibility of the university. Its biggest study programme with more than 3,000 students – a large part of them internationals – focuses on business engineering and offers a strong specialisation in technical aspects of logistics which is in high demand by master students.



Tongji University, Shanghai

TONGJI UNIVERSITY, SHANGHAI

Tongji University is one of the most prestigious universities in the People's Republic of China and was founded in 1907 by German doctors. As a specialized university it answers directly to the Chinese Ministry of Education. Study programmes at the intersection between technical and business areas like logistics and transport are of crucial importance at Tongji University. The School of Economics and Management (SEM) belongs to the Top 5 Business Schools in China. As cooperation between the German Academic Exchange Service (DAAD) and Tongji University the Chinese-German College of Higher Education is one of the most successful projects in the scientific exchange between both countries.

More than 50,000 students and over 4,200 lecturers and researches currently work and study at Tongji University. As one of the most important research centres in China Tongji University has more than 15 state-sponsored research institutions with specialised laboratories at national, provincial, and ministerial level as well as research institutions for engineering. Furthermore, six clinics are affiliated with the university.

The Competence Centre offers courses in "Global Logistics Management" in the TU Berlin's Master in Business Engineering which are regularly ranked at the top in their teaching evaluation and offered to about 50 students per semester. In 2013 guest lectures at the Kühne Logistics University in Hamburg were given repeatedly.

In the area of executive education the Competence Centre supported the development of a new programme by the Kühne Foundation in Wroslawa (Poland). Their international certificate programme "Humanitarian Logistics" in Dar es Salaam (Tansania) and Kampala (Uganda) as well as the MASHOM programme (Master of Advances Studies in Humanitarian Operations Management) in Hamburg were also supported by the Kühne Foundation.

CHAIR FOR LOGISTICS MANAGEMENT AT TONGJI UNIVERSITY, SHANGHAI

At the Sino-German College at Tongji-University, Shanghai, the Kühne Foundation has been funding the Chair for International Logistics Networks and Services under the direction of Professor Sidong Zhang for more than five years now. He cooperates with other, equally supported institutions on research projects, double degree programmes both on the Master and PhD level, PhD exchanges to China as well as student exchanges.



Graduation Ceremony at the HIWL

The renowned international "Journal of Production Economics" has accepted the results of Prof. Wagner's study on a Robust Price-Setting Newsvendor Model with Interval Market Size and Consumer Willingness-to-Pay. Since 2012, the Chair cooperates with TU Berlin in their work on a navigator for Sino-German logistics networks which helps companies during important planning phases. Workshops in Germany and China were organised and a scientific assistant of TU Berlin supported the project in Shanghai.

The Chair participates in several training programmes, e.g. training managers from various service suppliers, organising the exchange programme of the Kühne Logistics University in Shanghai and teaching participants of the EMBA programme at ETH Zürich. Furthermore, the Chair is involved in the Tongji Manchester University MBA programme and the Tongji Mannheim Joint EMBA programme. It also cooperates with the School of Economics and Management at Tongji University. It is heavily involved in teaching there and educates both Chinese and international students in logistics and supply chain management.

In addition to these activities German and Chinese industry and business contacts as well as ties to the government were strengthened. For example, a partnership with the China Communications and Transport Association aims at improving the connectedness of logistics companies.

SUPPORTING THE UNIVERSITY FOR INTERNATIONAL BUSINESS AND LOGISTICS (HIWL) AND THE GERMAN FOREIGN TRADE AND TRAFFIC ACADEMY (DAV) IN BREMEN

In 2012/13 the HIWL was able to continue its path with two dual Bachelor programmes. The Chair for Logistics Management which is funded by the Kühne-Foundation is led by Professor Josef Decker. The interest of young people in dual study programmes on the one hand and in logistics and international business on the other hand has increased.

Seven new cooperation partners have been acquired in 2013. Apart from logistics service providers manufacturing companies and IT service providers with a customer focus in logistics joined the ranks.

More and more companies use the dual study programmes at HIWL as means to retain employees. After the successful completion of their vocational training their companies can offer them to study at HIWL in order to retain young high potentials.

Due to this strategy around 30 to 50 percent of all students at HIWL have completed vocational training. The offer to become a state-recognised forwarding and logistics services agent at the Chamber of Commerce is increasingly recognised as an interesting opportunity by students. HIWL offers complementary teaching as exam preparation on a voluntary basis.



HIWL, Bremen

SCHOOL FOR INTERNATIONAL BUSINESS AND LOGISTICS (HIWL), BREMEN

As of the summer semester of 2010 the Higher College for International Business and Logistics (HIWL) which was founded with significant support by the Kühne Foundation has started three study programmes.

HIWL offers management-oriented Bachelor programmes in logistics and international business. These are dual study programmes which allow for the combination of application-oriented studies in close cooperation with the participating company. Together with the German Academy for Foreign Trade and Transport (DAV) and the education and training area "BVL Seminars" HIWL is one of three educational institutions at the BVL Campus, a training centre of the German Logistics Association in Bremen.

Special emphasis is put on the development of HIWL's international activities since students' interest in studying abroad is high. Both the existing and new offers in this regard are accepted very well. Preferred destinations are BRIC states (Brazil, Russia, India, China) and universities in regions which are of strategic interest for companies or students. Staying abroad during practical phases is also an option used by students frequently.

For many years and in 2013 as well the Kühne-Foundation supported training seminars at the DAV and on the Campus-BVL for German vocational teachers in logistics.

BUSINESS UNIVERSITY OF BRESLAU

For the first time the Kühne Foundation supported an executive training event in Poland. After agreeing on main points and their content the post graduate programme in logistics started with 23 students in 2013. Professor Hans-Christian Pfohl whose textbook on logistics has been well-known in Poland for many years awakened students' fascination with logistics during the initial event. The postgraduate programme consists of 20 modules with an excursion to the Kühne Logistics University in Hamburg as well as a contribution by the TU Berlin. The first class will graduate in autumn of 2014.

NETLOP SEMINAR - NETWORK MANAGEMENT FOR LOGISTICS PROCESSES

Over the last 13 years this seminar series has become an integral part of German management training in logistics, and the demand for this 17-day course at six locations continues to be very high. 400 participants have profited from this seminar series ever since its beginning. The comprehensive concept includes cross-industry processes, which rely on the development of stable networks for their optimisation. Currently the seminar is conducted by a number of competent experts and organised by the Kühne Foundation in cooperation with the following education institutions: ETH Zürich, Wirtschaftsuniversität Wien, Kühne Logistics University Hamburg, Technische Universität Berlin, Kühne-Institute at WHU Vallendar and DAV Bremen.

LOGISTICS DAY AT THE KÜHNE FOUNDATION

In 2013 the twelfth annual Logistics Day of the Kühne-Foundation was held at the KLU's new premises in Hamburg as a part of the Congress on Extreme Weather Conditions. This year's Logistics Day subsequently focused on the impact of weather-related risks on logistics performance. Due to heavy hail damage, floods, hurricanes, and snow storms which blocked logistics processes or disturbed their material flows massively, this subject was also reflected upon in the media. Competent speakers from Carriers, cargo and insurance

companies presented best practices on how to prepare for such extreme weather influences in logistics.

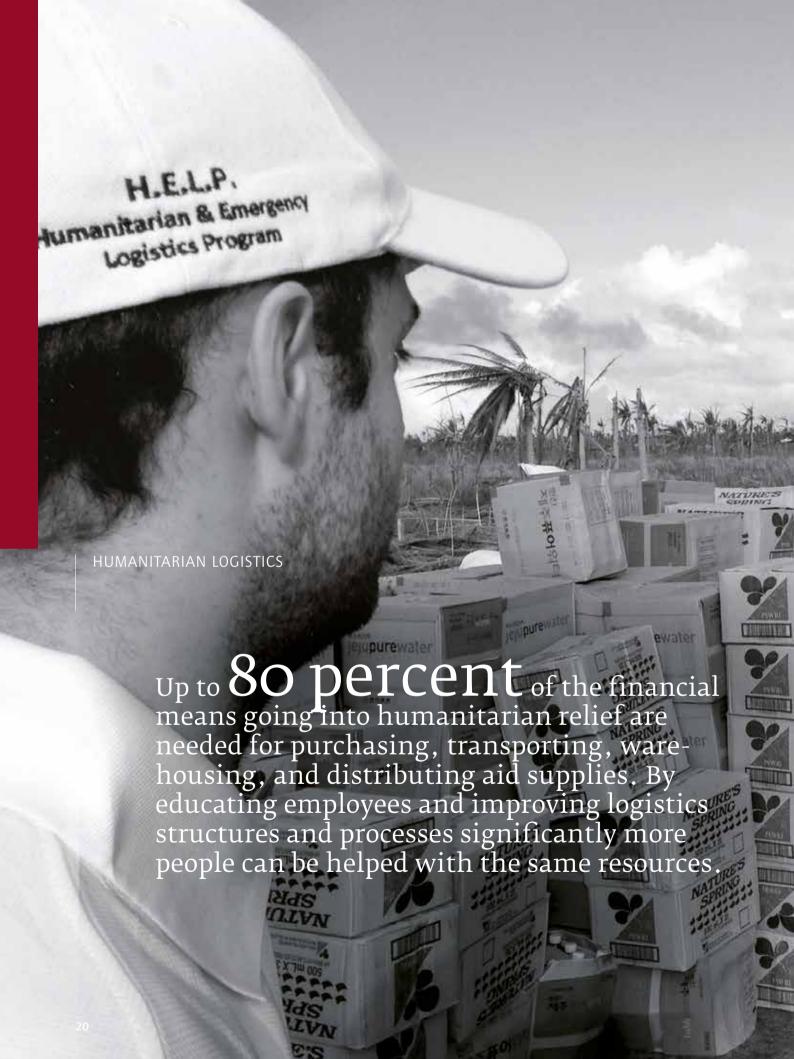
OTHER LOGISTICS FUNDING

TRAINING EVENTS IN LOGISTICS

In order to present logistics to a broad range of students the Kühne Foundation offers various events for students in Switzerland. The demand of universities for such events in logistics remains high. In April 2013 the University of St. Gallen (HSG) brought 25 guests from the University of Bangkok who were presented current issues in Supply Chain Management and logistics. In June the first MBA course with Indian students at the University of Applied Sciences Winterthur Zürich (FHWZ) visited the Kühne Foundation. The focus of this group was on logistics in general and land transport in particular. At the beginning of August the University of Bejing came to Schindellegi with 30 students in order to be informed about logistics and its meaning in a globalised world.

SUPPORTING YOUNG SCIENTISTS

For years the Kühne Foundation has funded the PhD Workshop of the European Logistics Association (ELA). The third annual event took place at the end of July at the Kühne Foundation's Headquarters in Schindellegi. 20 PhDs from eleven countries presented their dissertations to five professors from five countries in several workshops. The event serves the interconnection between young scientists as well as the generation of new ideas in logistics.





2. Humanitarian Logistics

PROVIDING ASSISTANCE TO HUMANITARIAN LOGISTICS.

IN OCTOBER 2010 THE KÜHNE
FOUNDATION LAUNCHED THE H.E.L.P.
CENTRE (HUMANITARIAN AND
EMERGENCY LOGISTICS PROJECT)
DEDICATED TO PROVIDING TRAINING
AND CONTINUING EDUCATION AS
WELL AS ADVISING AID ORGANISATIONS
IN THE FIELD OF HUMANITARIAN
LOGISTICS. THE GOAL IS TO MAKE
HUMANITARIAN AID MORE EFFICIENT
AND EFFECTIVE BY ACQUIRING
LOGISTICAL KNOW-HOW SO THAT MORE
PEOPLE IN NEED CAN BE HELPED.

In 2013 additional educational programmes and training in the areas of supply chain management and humanitarian logistics were developed for universities, governments and aid organisations. The activities were regionalised in order to provide better and more immediate coverage to global hot spots in need of humanitarian aid. Branch offices were established in Singapore for the Asia-Pacific region, in Tanzania for the southeast assistance corridor of Africa and in Ethiopia for the crisis region in the Horn of Africa. In so doing H.E.L.P. is widely recognised as the preferred provider of professional advice and education in the field of humanitarian logistics. Our proximity to aid organisations and aid recipients helps ensure swift and sustainable assistance in the area of humanitarian aid. H.E.L.P. is also a driving force for the improvement of logistical processes and structures and works on a variety of research projects in close cooperation with the Kühne Logistics University in Hamburg and other universities.

SINGAPORE

In February 2013 we began working in close cooperation with the NUS (National University Singapore), one of the most prestigious universities in the Asia-Pacific region. This institution is ideally located to provide practical guidance and education in the field of supply chain management and humanitarian logistics to aid agencies and countries receiving humanitarian assistance. It was the first time that a network of partner universities and logistics institutes based in the region were brought together dedicated to humanitarian logistics. Priority countries are Indonesia, Thailand, Vietnam, and the Philippines. Following the development of a region-specific training programme the first courses were conducted in these countries including

Singapore. The results, yielded from a number of short-term joint research projects with partner universities were immediately put into practice and were also presented at international conferences and published in various international and national scientific and professional journals.

In the wake of typhoon "Haiyan" which struck a large area of the Philippines with unprecedented force in November 2013 causing a great deal of suffering and destruction across the region employees of the Singapore office spent three weeks in the hardest-hit areas of Tacloban, Guiuan and Cebu. They provided operational assistance in the field to the British aid organisation Plan International and helped distribute food to those in need in remote areas. Simultaneously, supply chain assessments were conducted with help from our partner institution, the University of Manila, in order to learn from problems encountered in delivering supplies and to better prepare for future natural disasters.

TANZANIA

In 2013 we opened our first office in Tanzania and delegated a staff member to it. Projects started the previous year were extended and expanded to neighbouring countries including Kenya, Uganda and South Africa. Particularly worth noting is the continued development of the five-day certificate programme "Humanitarian Logistics" initiated in 2012 which has provided training to more than 120 students at various colleges in Tanzania and Uganda. A multi-day "Train the Trainer" programme for faculty was successfully conducted at Makerere University in Uganda for the first time.





Above: Devastation caused by typhoon Haiyan on the island of Leyte, Philippines

Below: Unloading of relief supplies in Guiuan in the Philippines

The humanitarian sector is often characterised by a lack of mechanisms for cooperation and communication between the various stakeholders such as charities, universities and state agencies. The Forum for Humanitarian Logistics founded by the Kühne Foundation in March 2013 seeks to address this shortcoming by bringing local as well as international organisations together at one table. Alongside presentations by experts on a variety of relevant topics, various organisations presented their best practices which were then used to develop standardisation proposals. In addition, group representatives were selected to represent the forum at meetings of governmental organisations thus giving the humanitarian sector a unified voice.

In a consulting project with the international aid organisation CRS (Catholic Relief Services) integrated supply chain solutions were developed that should lead to an optimisation of the supply chain for soybeans in southern and central Tanzania.

For the third time the Kühne Foundation working in collaboration with two of its partners, the National Institute of Transport (NIT) and the University of Dar es Salaam, Tanzania, organised the third African Logistics Conference in Dar es Salaam which took place in November 2013. More than 150 logistics experts from 12 countries in Africa and Europe spent two days exchanging their knowledge and experience in humanitarian logistics. The conference focused on the topic of maritime logistics and how it relates to humanitarian aid in developing countries. The conference included a visit to the port of Dar es Salaam, Hamburg's sister city, which plays an important role in the distribution of relief supplies, especially food.

ETHIOPIA

In late 2013 the Kühne Foundation opened its first branch office in Addis Ababa, Ethiopia. Training sessions have been underway at a joint training centre since November 2013 in partnership with the Ethiopian Red Cross. The focus is on the strategic aspects of logistics and operational storage processes. In addition to training rooms and catering the training centre offers a complete package of services including providing accommodations for participants. In 2013 more than 200 practitioners received their training in Ethiopia through a variety of courses on humanitarian logistics.

More and more organisations recognise the important role that logistics plays in terms of their own effectiveness. This applies in particular to a country as populous as Ethiopia. In addition to training the Kühne Foundation supports large organisations such as IOM (International Organisation for Migration) or World Vision in restructuring their logistics. Among other things the delivery of supplies to refugee camps on the Somali and Kenyan border was analysed. The aim of this collaborative effort is to integrate the various relief supplies into a standardised package to simplify procedures significantly.

In spring of 2013 a port and corridor analysis of the Djibouti-Addis Ababa route was conducted for the government of Ethiopia. The analysis identified bottlenecks that could be eliminated without major financial investment along the 1,000 km route. The measures proposed could result in a near doubling of transport mileage using this route while reducing transit times significantly. Continued close cooperation with the government is required to implement these measures and bring about improvements.





Above: Domeez refugee camp for Syrians in northern Iraq

Below: Train-the-Trainer seminar at the Adama University in Ethiopia

In terms of offering support to universities a successful "Train the Trainer" programme was carried out at Adama University aimed at providing instructor training. The focus of the multi-day seminars was on the exchange of practical experience and interactive teaching methods to correct existing deficiencies in current instruction.

In addition, support is also being provided to Adama University through learning events, specialised literature and contacts with the industry. The placement rate for graduates of the logistics degree programme has risen significantly since collaboration with the Kühne Foundation began which speaks to the improvement of educational quality.

CENTRALISED MANAGEMENT

The H.E.L.P. Centre in Schindellegi provides overall management of our activities. Countries which do not have their own field offices or obtain consultation and training from aid organisations in Europe, the Middle East or Central Asia are also supported through this office.

A consulting project aimed at improving assistance supply chains and their logistics was started for the Egyptian Red Crescent in Cairo. This will directly affect other Red Crescent organisations as Egypt plays a central role in the region. An initial trip to the Red Cross in Lebanon has already taken place in order to prepare staff there for the great logistical challenges posed by the presence of more than one million Syrian refugees in the highlands of Lebanon.



Students of the MASHOM course working as a team

Working together with the University of Lugano and the Kühne Foundation we developed a Master of Advanced Studies in Humanitarian Operations Management (MASHOM) which has been offered to employees of the International Organisation for Migration (IOM) from the Middle East since April 2013. 22 students from Georgia, Iraq, Jordan, Kenya, Lebanon, Pakistan, Serbia, Syria, the United Kingdom, and the Philippines are taking part in this advanced training programme.

Working in cooperation with the central offices of the IOM in Geneva various organisational consultations and workshops on implementation have been conducted. One of the principle tasks involves supplying migrants with tents and other essential materials efficiently.

50 participants took part in operational training conducted in Switzerland for the Emergency Response Unit (ERU) of the Swiss Red Cross which included rehearsing the construction of a base camp with supply warehouses in order to be able to ensure the operational readiness of host country emergency teams. A one-week training session was also conducted during the current reporting year in Vietnam.

In 2013 the foundation paid increased attention to the Central Asian region, in particular to Kyrgyzstan. Worldwide, about 368 million students receive school meals. This equates to approximately \$75 billion in costs, of which about 80 percent are transportation and procurement costs.

A pilot project began in Kyrgyzstan in 2013 aimed at providing warm, vitamin-rich meals to children in first through fourth grades at 2,500 schools over the long term. The UN World Food Programme (UN-WFP) asked the Kühne Foundation to serve as an external consultant in performing a value stream analysis as well as in conducting training for various suppliers to the school nutrition programme. The findings which indicated initial signs of progress were presented in September 2013. Students were being provided with hot meals in selected schools. In addition, recommendations regarding storage facilities, water supply and procurement processes have been implemented, too.

In November support was provided to the UN Logistics Cluster meeting in Berlin, in which all the logistics managers of UN agencies and other large aid organisations met to discuss problems in humanitarian logistics and develop solutions. The main issue addressed this year had to do with the problems involved in supplying Afghanistan with multiple kinds of assistance since hardly any aid organisation dares enter the country owing to the security situation there and aid coming from national charities is being distributed from locations across the border. The second hot spot in 2013 was the conflict in Syria which has resulted in hundreds of thousands of refugees flooding into the neighbouring countries of Turkey, Iraq, Jordan, and Lebanon.





Above: School meals in the highlands of Kyrgyzstan Below: Refugees at the Syria-Iraq border





3. Medical project

ALLERGIES - A DOWNSIDE TO PROGRESS

SOCIETY IS CONFRONTED WITH THE WIDESPREAD PROBLEM OF ALLERGIES IN EPIDEMIC PROPORTIONS. IN SOME INDUSTRIALISED COUNTRIES OVER A THIRD OF THE POPULATION IS AFFECTED BY SOME KIND OF ALLERGY. ALLERGIES ARE COMMON AMONG CHILDREN AND JUVENILES DISPORPORTIONATELY.

CK-CARE - CHRISTINE KÜHNE-CENTRE FOR RESEARCH AND EDUCATION

The CK-CARE project was set up in Davos in 2009. It remains the declared aim of this globally unique initiative to promote scientific knowledge in the field of allergies based on close collaboration between expert international research groups while supporting the appropriate training of professionals. The Kühne Foundation acting as a sponsor of the CK-CARE, thus marked its commitment to a field that has not been adequately researched hitherto.

- As well as the personal burden on sufferers allergies have far-reaching social and economic implications. The economic effects include direct as well as indirect healthcare costs caused by absences from work, accidents etc. The overall medical costs of allergic diseases in industrialised countries run into billions.
- Allergy research is not a focus of major pharmaceutical companies and the resources earmarked for allergy research are far smaller than those allocated to cancer research, for example.
- Ultimately, a lot can be achieved in the allergy field with relatively small expenditure. The right information provided at the right time to sufferers as well as nursing staff and general practitioners can significantly improve how the disease is managed.

These and other aspects illustrate why the Kühne Foundation with the resources deployed via CK-CARE is able to exert a great deal of leverage.

The Christine Kühne-Centre for Allergy Research and Education is based in Davos. Five renowned study groups in Davos, Zürich, St. Gallen and Munich, working in close cooperation form the core of the CK-CARE organisation.



Christine Kühne - Center for Allergy Research and Education

- Research Area A: Environment, Allergens and Exposure (Prof. Dr. med. Claudia Traidl-Hoffman, Munich)
- Research Area B: Immuno-epidemiology of Allergic Diseases in Childhood (Prof. Dr. med. Roger Lauener, Davos/St. Gallen)
- Research Area C: Innovative Diagnostics and Therapy (Prof. Dr. med. Dr. phil. Johannes Ring, Munich)
- Research Area D: Mechanisms of Severe Allergies (Prof. Dr. med. Cezmi Akdis, Davos)
- Research Area E: Therapy and Rehabilitation (Prof. Dr. med. Roger Lauener, Davos / Zürich)

These research areas form temporary collaborations with other international research teams which contribute additional know-how or exclusive infrastructure (equipment, laboratory facilities) in the sense of an "extended workbench". Furthermore, CK-CARE offers a platform enabling highly qualified researchers from all over the world to collaborate continuously over a number of months with the core team of CK-CARE and thus provides scientific exchange at the highest level. This original concept allows dedicated networking in research, education and prevention so that the knowledge gained can be implemented effectively for the benefit of affected patients on an ongoing basis.

The concentration of activities in Davos is not by chance. Davos (1600 metres above sea level) has a longstanding tradition as a health resort and for decades was the world's most famous recuperation resort for patients with lung diseases. Tuberculosis was the dominant lung disease of the last century and, after it had been combated successfully, the focus shifted to other relevant health issues such as allergic respiratory and skin problems (asthma, neurodermatitis, etc.). In fact, patients often experience significant relief of their symptoms as soon as they arrive in Davos because of the very special



CK-CARE Headquarters at the Hochgebirgsklinik Davos

mountain climate (low pollen counts, no house dust mites, sun exposure, etc.). This relief is supported by therapeutic means then.

CK-CARE underwent an international evaluation after three years in operation which it passed with great success.

THE CHALLENGE: ALLERGIES - THE EPIDEMICS OF TODAY'S INDUSTRIALISED COUNTRIES

The incidence of allergies has increased dramatically over the last hundred years. At the start of the 20th century the incidence was found to be well below one per cent. Nowadays the incidence of allergies is recorded at up to more than 30 per cent. The reasons are complex and linked to our modern lifestyle one way or another: this includes diet, hygiene standards and pollution, especially airborne pollutants.

An allergy indicates that the immune system is reacting far too strong to harmless elements in the environment. This reaction can be directed against pollen, cosmetics, foods, or insect stings, for instance, and may follow such a serious course that the body is damaged in the process. A person with an allergy displays a massive reaction on contact with what might be minute quantities of the trigger. This reaction is accompanied by symptoms that typically occur a few minutes after contact only: breathing problems, allergic asthma, mucosal irritation, skin rashes, vomiting, diarrhoea, etc. In extreme circumstances life-threatening circulatory problems (states of shock) may occur or the outcome may even be fatal. Acute allergies - if not treated properly - may also initiate the start of a chronic disease. For instance, hay fever may develop into severe allergic asthma or a food allergy with even more serious consequences. All too frequently allergies lead to serious health problems often resulting in severe impairment of the sufferers' quality of life which can also impact heavily on the family, social and working environment. In view of these facts effective strategies and measures are required which can help improve the situation.

Some forms of allergy, notably hay fever, can nowadays be treated preventively or therapeutically with great success. For other forms of allergy, e.g. food allergies or neurodermatitis, there is still a great need for action in terms of treatment. Information is the crucial factor. With the right knowledge at the right time allergy sufferers can greatly improve and alleviate their situation at various levels and often with simple measures. Once again there is a huge need for action across various levels of target groups.

RESEARCH AND EDUCATION

The name CK-CARE stands for highly qualified and closely networked research activity in the field of allergies and education for professionals based on the latest knowledge. The reporting year 2013 was characterised by closer cooperation between the research areas as well as increased educational activity.

Some examples of that research and educational activity in 2013 are described below.

ALLERGY PREVENTION: VARIED BABY FOOD IN THE FIRST YEAR OF LIFE REDUCES THE RISK OF ALLERGIES

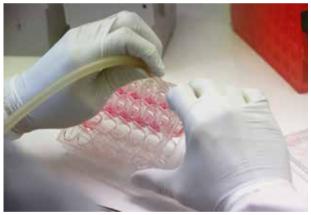
The prevention of allergies by a specific diet in early childhood is a concept which CK-CARE addresses in depth. Until now people have mostly been advised to avoid certain foods, especially in infancy and early childhood. However, it has never been proven conclusively that leaving out certain foods can actually prevent allergies. Quite the opposite was revealed, namely that varied baby food (fruit, vegetables, cereals, yoghurt, and meat) in the first year of life reduces the risk of allergies. The CK-CARE research team found a possible explanation for this protective effect in the early colonisation of the gut by microorganisms and in their metabolites which have an anti-inflammatory effect. The knowledge gained now enables effective dietary strategies for the prevention of allergic diseases developing.

ENVIRONMENTAL FACTORS: CLIMATE CHANGE AND AIR POLLUTION INFLUENCE THE ALLERGENICITY OF POLLEN

The pollen of the common ragweed (Ambrosia artemisiifolia) is one of the most aggressive allergy triggers and it can very quickly cause allergic reactions such as asthma. This plant introduced from North America is spreading increasingly from the south and east in Europe and is being sighted more and more often in Central Europe. This annual plant produces up to a billion pollen grains with very high allergenic potential. Research work in recent years has proven that climate change and environmental pollution have an influence on the growth and flowering period of plants. From the point of view of air hygiene it has now been demonstrated in controlled climate chamber experiments that problematic ozone also influences the allergenicity of this plant. According to the latest findings increased environmental pollution may be expected to result in "more aggressive" ambrosia pollen. This in turn must be factored into relevant policy-making processes concerning air pollution control.

Results published only recently underline the fact that ozone in the open air also plays a key role in aller-





Above: Presentation of CK-CARE research Below: Conducting a series of tests

genicity, in other words the aggressiveness of pollen. Birch pollen collected from regions with high ozone levels show higher allergenic potential than pollen from low-ozone regions in both "test tube experiments" (in vitro) and clinical tests. As the ozone concentrations will also continue to increase with rising temperatures associated with climate change this "climate gas" is a decisive risk factor for allergy sufferers.

ALLERGIC ASTHMA: HOW THE LUNGS ARE PROTECTED

So-called "tight junctions" (TJs) are narrow bands of proteins that hold together the outermost cells of a tissue, e.g. the lung tissue, and thereby form a barrier. As a result, the invasion of substances such as allergens, pollutants and bacterial toxins from the environment is prevented. Defects in the TJs of the lungs impede this barrier function and hence play an important role in the development of asthma. In both healthy and asthmatic people, CK-CARE is studying the regulation of these TJs which are so important in protecting the lungs. In particular, the role of a typical cell group in allergies (the Th2 cells) and their messengers is being researched. Studies by the CK-Care research team have shown that these Th2 cells and their messengers reduce the integrity of the TJs and hence the outermost barrier to cells. A significant stage in preventing this effect was also revealed: Once a specific enzyme had been blocked, the lung cells were able to rebuild TJs and thereby restore the defective barrier function. This may point to an important new avenue in respect of innovative therapies.

CK-CARE CENTRAL PROJECT: DEVELOPMENT OF TARGETED FORMS OF TREATMENT FOR NEURODERMATITIS

Between 15 and 30 per cent of children are affected by neurodermatitis. The treatment options are still limited and are often not specific or targeted enough. CK-CARE has identified an urgent need for action in this area

Participants of the Global Allergy Forum 2013 with the founders, Mr. and Mrs. Kühne

and dedicated its first-ever central project to this subject by concentrating the strengths of all the research teams. One of the aims is the precise clinical characterisation of different phenotypes (manifestations) of neurodermatitis. These types will then be studied with regard to the presence of specific cell types of defined surface germs on the skin. The activation of genes in the cells being investigated will also be studied. This should reveal which genes become active during the course of an episode of atopic inflammation. Based on these results it will be possible to derive entirely new practical ideas about diagnostics and treatment. Thanks to precise pinpointing of trigger factors the central project aims to identify groups of patients who display similar patterns, then treat these groups in a more targeted way and with far greater prospect of success.

DEFINITION AND PRIORITISATION OF ANTI-ALLERGY MEASURES AT THE 2013 GLOBAL ALLERGY FORUM

Under the auspices of CK-CARE and thanks to its support 40 proven allergy experts from all over the world gathered for the second Global Allergy Forum (GAF) held in Davos from June 16 to 19, 2013. The Global Allergy Forum brings together leading researchers and opinion leaders from the various branches of allergy research and clinical disciplines as well as related fields. The forum is a think tank, where a wide diversity of ideas about current problems are put forward and critically debated. While the first GAF in 2011 mainly involved an analysis of deficits, this year's forum focused on developing possible strategies for intervention. In various working groups the participants discussed the major current problems addressed by research and education in the area of allergies and defined practical

action plans. A summary of the most important results and proposals is published in the form of a second "Davos Declaration" in the esteemed "Allergy" journal.

EXPANSION OF EDUCATIONAL ACTIVITIES FOR PRIMARY CARE PROVIDERS

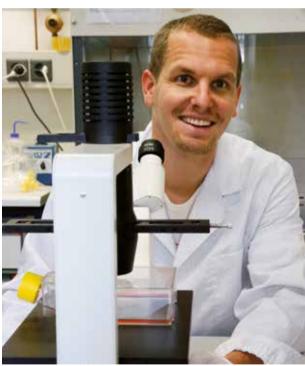
In terms of education the second key pillar of CK-CARE, the provision of interactive seminars for different target groups was further expanded within the reporting year. In the CK-CARE programmes, mainly in collaboration with other institutions, over 600 GPs and paediatricians on the equivalent of 213 training days within the reporting year learned about practical allergy management for primary care practice. Selected speakers together with

the participants worked on themes such as diagnostic principles, pathophysiology and therapeutic measures in food allergies, the social and emotional repercussions of allergies as well as treatment approaches to atopic dermatitis – combining interactive presentations, workshops, case reviews, and roundtable discussions. The Commitment to Change (CTC) strategy was employed for the first time: partly as a tool to support participants' learning and partly as an evaluation instrument to ensure continuous improvement of the curriculum based on course feedback.

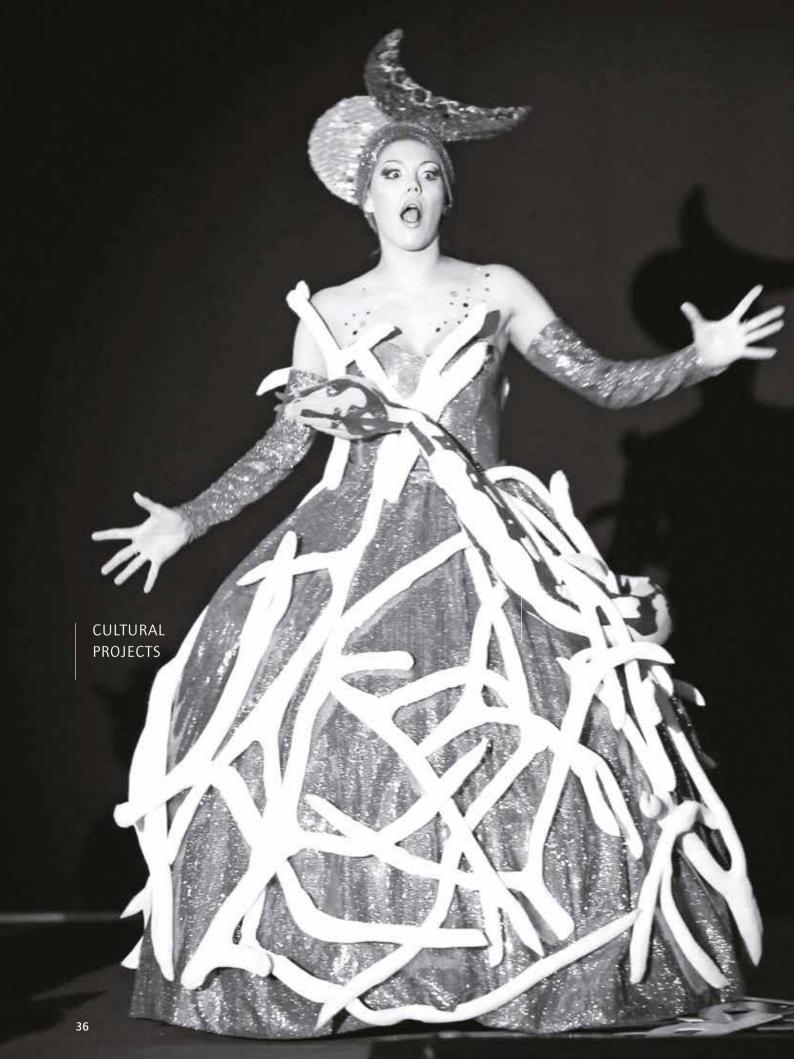
TRAIN-THE-TRAINER SEMINARS (FOR DOCTORS, PSYCHOLOGISTS, EDUCATIONALISTS, NUTRITIONISTS, AND NURSING PROFESSIONALS)

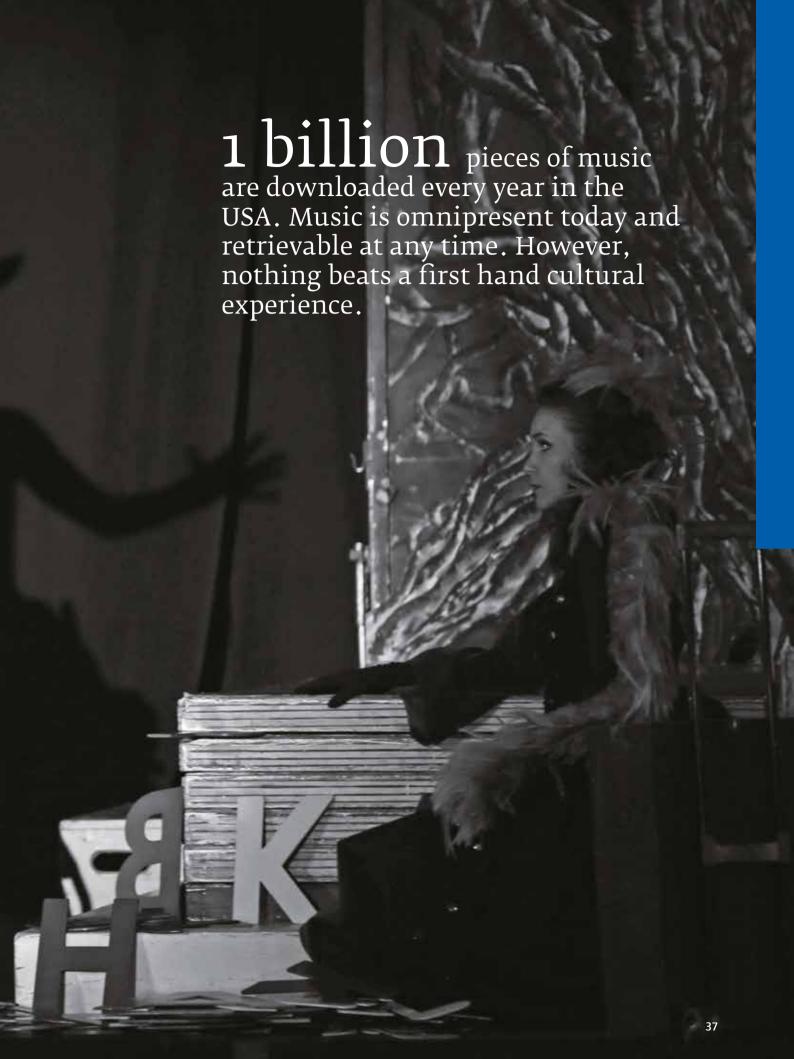
The trainer courses aimed at doctors, psychologists, educationalists, nutritionists, and nursing professionals have so far been run twice a year as a week of training. In the individual modules the above-mentioned professionals are trained to become trainers in neurodermatitis, anaphylaxis and asthma management. Training programmes launched and evaluated successfully were offered in the reporting year as part of a three-country project by CK-CARE in order to multiply the impact in Switzerland, Germany and Austria. After the theoretical training, participants can put into practice what they have learnt by undergoing periods of observation and running training courses under supervision. A total of 59 professionals have now been trained as trainers in neurodermatitis, 18 as asthma trainers and 57 as anaphylaxis trainers as well as 57 professionals as patient trainers. The trainer courses are recognised by the Swiss Society for Allergology and Immunology (SSAI) and the Swiss Society of Dermatology and Venereology (SSDV).





Education and research by CK-CARE





4. Cultural Projects

IN THE FIELD OF CULTURE THE KÜHNE FOUNDATION OFFERS SUPPORT PRINCIPALLY IN THE AREAS OF MUSIC AND LITERATURE. THIS YEAR IT AGAIN PROVIDED SUPPORT TO NUMEROUS CONCERTS, OPERAS AND FESTIVALS IN SWITZERLAND AND GERMANY. THE FOUNDATION IS ALSO INVOLVED IN THE PRESERVATION OF CHURCHES AND CHAPFIS.

MUSIC AND FESTIVAL SPONSORSHIP

LUCERNE FESTIVAL

In 2013 the Kühne Foundation once again provided support to the Lucerne Festival, one of the most prestigious events in classical music. Between August 16 and September 15, 2013 the Lucerne Summer Festival offered a total of approximately 130 artistic events. In keeping with the festival motto "Revolution" the Festival Orchestra delighted audiences with, among other things, Ludwig van Beethoven's "Eroica" and Bruckner's "Unfinished Symphony No. 9." The Lucerne Summer Festival also presented a new free concert format, "Lucerne Festival 40 Minutes," with performances to the packed Lucerne Hall that appealed to popular taste. For the 75th year stars of the international classical music scene gathered at Lake Lucerne and the grand anniversary celebration on August 25 alone attracted 7,500 guests to the Lucerne concert centre.

SALZBURG FESTIVAL

During the year under review the Kühne Foundation offered its support for the first time to the Young Singers of the Salzburg Festival, a youth programme whose purpose is to establish a high-profile platform to foster upand-coming vocal soloists. From more than 400 applicants 21 of the most talented young singers were selected for the project and given the opportunity, through fellowships, to work with festival artists in Salzburg. Classes focus not on the strictly musical aspects of performance only but also on rehearsing scenes, voice coaching and expanding a performer's repertoire. These encounters and their practical relevance to the festival make the programme a model for similar international programmes. Public master classes with Thomas Hampson, Christa Ludwig and Helmut Deutsch were also included.



The Young Singers of 2013 at the Salzburg Festival

A particular highlight was the concert presented on August 17, 2013 at the Kühne family's newly opened Hotel "Castell Son Claret" on Majorca, where five of the best young singers demonstrated their artistry during a gala event. The Salzburg Festival also staged its first-ever guest performance on Mallorca.

The Young Singers demonstrated their skills a second time during a farewell concert held in the Salzburg Residenzhof on August 23, 2013, , where they offered a programme entitled "The Serene Mozart". In all the Salzburg Festival offered 280 performances at 14 venues over 45 days.

MUSIC SUMMER ON LAKE ZURICH

In 2013 the Music Summer on Lake Zurich chose to focus on German musical culture. At the initiative of the Kühne Foundation the Music Summer on Lake Zurich joined in its first ever collaboration with the Mecklenburg-Western Pomeranian Music Festival. On June 22, 2013 renowned artists from the Carnegie Hall Project played works by Beethoven, Davidovsky, Britten, and Mendelssohn in the Catholic Church in Schindellegi/SZ. A concert with star violinist Viviane Hagner was held in the Feusisberg Catholic Church in cooperation with the Mecklenburg-Vorpommern Festival under the sponsorship of the Kühne Foundation. In 2013 a total of approximately 13 concerts were given around Lake Zurich.

OPERA SPONSORSHIP

FOUNDATION SPONSORSHIP OF THE HAMBURG STATE OPERA

Since its inception the Foundation for the Promotion of the Hamburg State Opera has provided support for countless productions while helping to bring in renowned directors and conductors. The goal is to consolidate the Hamburg State Opera's reputation as one of Europe's leading opera houses. It helps bring the finest vocal talent to Hamburg and promotes ground-breaking, ambitious ideas, elaborate scenery and costumes and also underwrites the Hamburg Opera and Ballet's performances abroad.

In terms of developing new, young talent the Foundation for the Promotion of the Hamburg State Opera places great emphasis on cultivating the vocal ensemble, sponsoring singing lessons and other forms of advanced training and providing grants aimed at maintaining the opera's talent pool. It also helped finance the redesign of the Hamburg State Opera foyer. The programmes of the Hamburg State Opera and the Hamburg Ballet aimed at forging new talents have significant international appeal. In an effort to see their reputation increase in the long run the Foundation for the Promotion of the Hamburg State Opera is committed to cultivating talented young artists with partial funding provided by the Klaus-Michael Kühne Foundation.



The Vienna State Opera at the season's opening concert of the Elbe Philharmonic

OPENING OF THE ELBE PHILHARMONIC CONCERT SEASON

On September 3 the Vienna State Opera opened the 2013 season of the Elbe Philharmonic with a concert performance of Mozart's "Le Nozze di Figaro". The performance took place in the large concert auditorium in Hamburg's Laeisz Hall. With the Orchestra of the Vienna State Opera, which tours under the name "Vienna Philharmonic" when performing outside the opera house the city hosted one of the best opera orchestras in the world. The orchestra was under the direction of Adam Fischer, who has been closely associated with the Vienna State Opera for 40 years and is regarded as one of the best Mozart conductors in the world. One of the evening's highlights was an appearance by the vocal ensemble comprised of highly gifted young cast members and regular guests of the Vienna State Opera. The Klaus-Michael Kühne Foundation served as the main sponsor for this concert.

BADEN-BADEN GALA 2013

"Highly dramatic, deeply moving" was how one critic described the Baden-Baden Gala held on July 14. Made possible through the support of the Klaus-Michael Kühne Foundation two of opera's superstars, Elina Garanča and Jonas Kaufmann, were joined together for the first time in a gala concert. The pairing of mezzo-soprano and tenor is rare; most operas couple sopranos with tenors. Both the general public and trade press showed great interest in experiencing these two leading figures of contemporary opera perform together at the festival hall in Baden-Baden. At two sold-out events in Germany's largest opera house (with 2,500 attending each event) this rare combination of vocal artistry proved a magnificent triumph. The German Radio Philharmonic Saarbrücken Kaiserslautern under the direction of Karel Mark Chichon provided accompaniment to this extraordinary event in opera history.

The stirring performance came to a fitting close with four encores which were rewarded by frenetic applause from the audience.

LITERATURE SPONSORSHIP

HARBOUR FRONT LITERATURE FESTIVAL

Creativity and variety are requirements not only in logistics but in literature as well. And it was this similarity that prompted the Klaus-Michael Kühne Foundation, working in collaboration with the Hamburg Senate to establish the Harbor Front Festival in 2009.

This is the fifth year that the Klaus-Michael Kühne Foundation has served as main sponsor of the Harbour Front Festival. The opening ceremony with well-known Swiss author Franz Hohler took place on September 12 in the new facilities at the Kühne Logistics University. In addition to the Klaus-Michael Kühne Prize awarded annually to promising new authors the Foundation also endowed the "Hamburg Tüddleband", a new prize awarded to the best authors of books for children and young adults. The recipient is chosen by Hamburg school children and in 2013 the prize went to Rafik Shaml. Award sponsor Christine Kühne presented the prize at a ceremony attended by approximately 400 students in Hamburg's St. Catherine's Church. As part of the festival's closing event guests heard a reading by Hans Pleschinski and enjoyed a musical performance by Pamela and Wolf Biermann.

82 authors came to the Port of Hamburg which hosted a total of 80 festival events attended by 20,000 visitors at 26 different locations.





Above: Presentation of the "Hamburg Tüddelband" prize to Rafik Shaml by Mrs. Christine Kühne

Below: The sponsors with Professor Barbara Kisseler, Nikolaus Hansen and Wolf Biermann



The International Maritime Museum in Hamburg

SUPPORT OF OTHER CULTURAL PROJECTS

NIBELUNGEN FESTIVAL WORMS

This year the Klaus-Michael Kühne Foundation once again provided support to the renowned Nibelungen Festival. The Nibelungen Festival is a highly-regarded theater event that draws extensive nationwide attention making it a resounding success. With the staging of Dieter Wedel's "Hebbels Nibelungen born to die", the Festival had its best year since its premiere in 2002. In performances from July 5 to 21 the festival's director and an incomparable cast of players presented the work as a fairytale that used fire effects, fantastic costumes and spectacular stage sets to bring the Nibelungen back to life at the very location, where the grand German heroic saga had its origin.

INTERNATIONAL MARITIME MUSEUM

The International Maritime Museum in Hamburg displays 3,000 years of seafaring history through its priceless exhibits, ship models and paintings. Selected models show seafaring's different strands of development. The Klaus-Michael Kühne Foundation provided support for the renovation of the museum entrance hall in 2012 and 2013. The foyer is now more brightly lit and has been given a more modern look. In addition, the entrance hall was enlarged to accommodate an admissionfree area that offers visitors a sneak-peek at the museum's collections. A special feature in the foyer is the round, interactive multimedia table that lets visitors observe the movements of ships across the globe in real time on a large monitor. Two smaller monitors allow them to zoom in on the ports of Hamburg, Rotterdam, Singapore, and New York. The foyer was re-opened on March 1 with over 100 guests from the world of politics, business and culture in attendance.

GERMAN PROTESTANT CHURCH CONGRESS

The Kühne Foundation also takes a special interest in the preservation of churches and chapels. Significant funding by the Klaus-Michael Kühne Foundation went into the renovation of Hamburg's St. Catherine's Church, This followed the restoration of St. Meinrad's Chapel at Etzel in Switzerland a few years ago also with funds from the Kühne Foundation. St. Catherine's Church served as a host to many events held during the 34th German Protestant Church Congress that ran from May 1 to 5. St. Catherine's provided a platform to draw attention to the relationship between church and cultural activities including artistic performances and discussions. Along with oral presentations and discussions the programme also included improvisational theater, classical and pop concerts and cabaret. The newly renovated St. Catherine's Church in the heart of Hamburg provided a unique platform for the event.

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