

**NNHF Programmes: selected updates on activities in Quarter 1 2016 (1 January – 31 March 2016)**

**Overview**

<b>Novo Nordisk Haemophilia Foundation Q1 2016 update</b>	<b>By end Q1 2016</b>
Number of projects approved by NNHF Council since 2005 (new projects since last quarter)	127 (4)
- Number of fundraised projects (new projects since last quarter)	13 (2)
Number of fellowships (new fellowships since last quarter)	70 (2)
Number of awards (new awards since last quarter)	14 (2)
HCPs trained since 2005	25,400
Patients and family members educated & patient leaders trained since 2005	29,300
People with haemophilia retested and newly diagnosed	19,200
NNHF engaged in number of countries	68 (1)

**New programmes in Q1 2016:**

<b>Country</b>	<b>Programme</b>
Argentina 3	Project
Latvia 2	Project
Uganda 2	Project
Nigeria 2	Fellowship
Zambia	Fellowship

Region	Programme name	Programme type	Phase	Partner	NNHF contact	Objectives	Status	Programme duration / Start date
Africa	Egypt 2 - EG2	Project	Execution	Gamaeat Asdika Marda Al Nazf (= Egyptian Society of Hemophilia), Cairo - Represented by Dr Magda Rakha, President, as responsible project applicant and supported by Dr Adly Sabbour, Physiotherapist, as MSK-expert and trainer and as such co-responsible person	sysd@nnhf.org	HCPs training including haematologists and physiotherapists Establish MSK registry in Egypt Start treating the patients and evaluate their joint functions Write a publication about the project and inform the authority about the project results MSK advocacy for policy for inclusion Strengthen the haemophilia dentist clinic in Cairo.	<ul style="list-style-type: none"> <li>- Preliminary meeting between the ESH and representatives from HIO to discuss the project objectives and agree on an action plan.</li> <li>- On Feb 29, Kick off meeting between the ESH board members, representatives from HIO, NNHF. The following points were discussed: <ul style="list-style-type: none"> <li>o Project update</li> <li>o National Committee structure and responsibilities including patients and HCPs</li> <li>o The steps to apply the signed guidelines.</li> </ul> </li> <li>o The sustainability of all the project activities (physiotherapy and registry) <ul style="list-style-type: none"> <li>- Meeting with dentists from Red Crescent to prepare the list of equipment needed to develop the dentist clinic and to prepare the technical specifications of the equipment needed</li> </ul> </li> <li>- On March 1st, a training workshop was organised for one day for physiotherapists, haematologists to introduce the project plan and the roles and responsibilities. The agenda covered the following items: <ul style="list-style-type: none"> <li>o Introduction to the physiotherapy project</li> <li>o Multidisciplinary management of haemophilia</li> <li>o Musculoskeletal Assessment system of PwH</li> <li>o Importance of registration and regular measurement</li> <li>o Hemophilia treatment Center- Atfal Masr, Art of Management.</li> </ul> </li> </ul>	1.5 years Q1 2016
Africa	Kenya - KE3	Project	Execution	Kenya Hemophilia Association, Nairobi - Kibet Shikuku	sysd@nnhf.org	Establish the Kenyatta National Hospital Haemophilia Comprehensive Care Centre Improve the diagnostic facilities and blood bank capacity Create awareness by organising two WHD celebrations and continue lobbying with the media Organise HCP trainings and academic symposia Start the regional haemophilia care in two cities Improve physiotherapy care in both KNH and MOI.	<ul style="list-style-type: none"> <li>- The final draft of the five year KHA strategic plan was developed. It was circulated to all stakeholders for their input</li> <li>- KHA team officially opened the Kenyatta National Hospital Haemophilia Comprehensive Care centre (HCC) the opening lead by the Kenyatta National Hospital CEO, Ms. Lily Koros and representatives from MoH, University of Nairobi, Moi Teaching and Referral, NNHF representatives and Jose memorial Haemophilia Society.</li> <li>- One day training for HCPs from the regions around Nairobi.</li> </ul>	2 years Q2 2015
Africa	Mali - ML	Project	Execution	Association Malienne de Lutte contre l'Hémophilie, Bamako - Dr Yacouba Diallo	sysd@nnhf.org	Improve haemophilia care by building regional HCP capacity Increase awareness about haemophilia among PwH and traditional circumcisers Advocate for better care for haemophilia patients.	<ul style="list-style-type: none"> <li>- The Project Partnership agreement was sent to be signed.</li> </ul>	2 years Q1 2016
Africa	Mauritius - MU	Project	Execution	Haemophilia Association of Mauritius, Mauritius - Asraf Caunhye	sysd@nnhf.org	Strengthen the diagnostic facilities Establish a multidisciplinary care team Improve the physiotherapy care provided to PwH Empower patients through educational sessions and camps Create awareness by organising two world haemophilia day celebrations Create an electronic medical registry and complete data.	<ul style="list-style-type: none"> <li>- The Project Partnership agreement was signed.</li> </ul>	2 years Q3 2015
Africa	Nigeria 2 - NG 2	Project	Execution	Haemophilia Foundation of Nigeria, Kaduna - Megan Buckie Adediran	sysd@nnhf.org	Establish a reference laboratory at the Lagos University Teaching Hospital (LUTH) Create an electronic medical registry and complete the identified patient profiling Empower patients through four educational camps Create awareness by organising two world haemophilia day celebrations and develop awareness publications Establish regional haemophilia care service in the South West Region.	<ul style="list-style-type: none"> <li>- In collaboration with, Dr Fatai Bello and Miss Okereke Jennifer from Lagos University Hospital, 83 samples were collected at Aminu Kano Teaching Hospital, Kano. The diagnosis campaign started by an explanation about the importance of accurate diagnosis by Dr Dalhat Gwarzo.</li> <li>- The second patient camp was organised with focus on how the patients can take the challenge and live a normal life. The camp was attended by 10 patients who are older than 27.</li> <li>- More copies of educational materials about what is Haemophilia, Diagnosis were reprinted and distributed.</li> </ul>	2 year Q1 2013
Africa	South Africa 3 - ZA3	Project	Execution	Igazi Foundation - Charmaine Oosthuizen	sysd@nnhf.org	Improve services provided at district level Increase responsibility and compliance of patients Implement updated electronic registry Raise teaching & organising capacities.	<ul style="list-style-type: none"> <li>-All project activities have been completed.</li> </ul>	2 years Q1 2014

Region	Programme name	Programme type	Phase	Partner	NNHF contact	Objectives	Status	Programme duration / Start date
Africa	Uganda 2 - UG2	Project	Formalisation	Haemophilia Foundation of Uganda, Kampala - Agnes Kisakye, executive secretary	sysd@nnhf.org	Increase public awareness about haemophilia Organise outreach visits to Eastern, Central and Northern Uganda to identify new haemophilia patients Increase patients knowledge about haemophilia Advocate for better care for haemophilia patients.	- Preparing the Partnership agreement.	2 years Q2 2016
Africa	Uganda - UG	Fundraised project	Execution	Haemophilia Foundation of Uganda, Kampala Agnes Kisakye, executive secretary	sysd@nnhf.org	- Establish coagulation laboratory facilities - Launch a country-wide awareness campaign - Organise a patient education camp for 150 participants from all regions - Provide diagnosis, consultation and an opportunity to gather patient data.	- Established the first coagulation laboratory facilities in Uganda at Mulago hospital - Provided diagnosis and consultation to 49 newly diagnosed patients - Established a patient registry system and developed ID cards - Organised a patient education camp for patients from all regions attended by 140 participants - Launched a country-wide awareness campaign covered by 27 journalists.	6 months Q3 2015
Africa	Ghana - GH	Fellowship	Closing	David Oforu , Komfo Anokye Teaching Hospital, Kumasi, Ghana Biomedical Scientist	sysd@nnhf.org	Learn more technical details for diagnosis either manual or by machine for haemophilia A, B and VWD especially factor assay and inhibitors Perform quality audits for testing of all coagulation assays Learn how to teach other lab technicians all the required skills Perform quality assurance procedures for coagulation tests.	- Fellowship started in January 2016.	2 months Q1 2016
Africa	Kenya 4 - KE4	Fellowship	Execution	Betty Mbogho, nurse Coast General Hospital, Mombasa, Kenya	sysd@nnhf.org	Gain knowledge on identification, diagnoses and treatment of haemophilia patients Learn about the comprehensive care approach and nurse role in multidisciplinary team Recognise the storage, indications, safe administration and handling of blood components and factor Learn how to create awareness.	- Fellowship was finished in April 2016.	3 months Q1 2016
Africa	Kenya 5 - KE5	Fellowship	Execution	Tima Ali, general practitioner Coast General Hospital, Mombasa, Kenya	sysd@nnhf.org	Develop skills in management of haemophilia and other bleeding disorders Gain experience in the diagnosis and evaluation of PwH Recognise the indications, safe administration and handling of the blood components and factor replacement therapy Obtain skills in training in order to train other HCPs Learn about the multidisciplinary care approach and the role of Physiotherapy for PwH.	- Fellowship started in April 2016.	4 months Q1 2016
Africa	Libya 1 - LY1	Fellowship	Formalisation	Safa Naser Abdelgader, laboratory technician Benghazi children hospital, Benghazi	sysd@nnhf.org	Learn how to perform quality diagnosis for haemophilia A, B and VWD with a focus on factor assays and inhibitor diagnosis Learn technical details for different diagnosis techniques - from manual to using a semi-automated or automated coulometer Support the new haemophilia association to learn about how to build up a haemophilia registry Get familiar with the conceptualisation for and necessary steps to ensure the establishment of a laboratory for bleeding disorders with enhanced diagnostic processes for retesting of known patients as well as new cases Assist doctors in planning of the care approach including treatment according to the given diagnostic information.  - Ampang Hospital, Malaysia; responsible person: Dr Jameela Sathar.	- Organisation of the logistics started.	1 month Q3 2015

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Africa	Malawi - MW	Fellowship	Formalisation	Dr Yohannie Billy Mlombe, haematologist Kamuzu Central Hospital, Lilongwe, Malawi	sysd@nnhf.org	-Learn how haemophilia treatment centre operates in terms of clinical care and laboratory diagnosis - Get equipped with knowledge regarding identification, diagnosis and management of haemophilia and bleeding disorders - Gain experience on management of complications of haemophilia as well as management of treatment complications - Understand the concept of prophylaxis treatment.	- Training will start in May 2016.	Q1 2016 2 months
Africa	Nigeria 2 - NG 2	Fellowship	Formalisation	Dr Livingstone Dogara, Kaduna State University, Kaduna	sysd@nnhf.org	Gain knowledge on diagnosis and consultation of people with haemophilia Develop skills in the management of haemophilia people Learn how to advocate for better care.	<sup>1</sup> - Organisation of the training logistics started.	6 months Q3 2016
Africa	Sudan - SD	Fellowship	Formalisation	Omer Khatem, physiotherapist Ribat University Hospital, Khartoum	sysd@nnhf.org	Learn how to reduce pain by improving the joint functionality and muscle strength Receive skilful training in using accessories, devices and support items Coordinate with orthopaedic in treating the chronic complications Use of the various scoring systems to assess and follow up patients.  - Shibrawishi Hospital, Cairo, Egypt; responsible person: Prof Magdy Elekiaby, Head of Haemophilia Center.	- Organisation of the logistics started.	2 months Q1 2015
Africa	Tanzania 1 - TZ1	Fellowship	Execution	Neema Marandu, Nurse Kilimanjaro Christian Medical Center, Moshi, Tanzania	sysd@nnhf.org	- Acquire knowledge and skills about treatment and care of people with hemophilia at all stages of their life - Have the capacity to identify symptoms of hemophilia - Learn how to educate patients and to develop patient educational materials - Start the haemophilia care in KCMC instead of relying on Muhimbili Referral hospital in Dar el Salaam.	- Fellowship started in November 2015.	3 months Q3 2015
Africa	Tanzania 2 - TZ2	Fellowship	Execution	Goreth Lupembe, Nurse, Mbeya Referral Hospital, Mbeya, Tanzania	sysd@nnhf.org	- Have the basic knowledge to identify the patients with haemophilia - Learn how to provide the basic care to PWH; instead of referring them to Muhimbili National Hospital - Acquire the knowledge to train the other Hospital Staff.	- Fellowship started in November 2015. The fellow had a medical condition and had to return back before completing the fellowship.	3 months Q3 2015
Africa	Uganda - UG	Fellowship	Execution	Dr Kasirye Gitta Phillip, Paediatrician Haemophilia Foundation of Uganda, Kampala  Replacment candidate Hilda Tumwebaze	sysd@nnhf.org	- Get equipped with knowledge regarding The identification, diagnosis and various treatment plans for patients with haemophilia - Share and learn from experts who actively participated in The management of patients with haemophilia with focus on multidisciplinary approach - learn about The role of The Patient association and collaboration between The medical and Patient community - learn how to advocate for rights of patients with haemophilia in Uganda - Importance of quality data and how to reach this goal through The establishment of a national registry - Understand The global statistics of haemophilia.	- Fellowship will start in May 2016.	3 months Q3 2015
Africa	Zambia - ZM	Fellowship	Formalisation	Dr Silweya David, Chinsali District Hospital, Chinsali	sysd@nnhf.org	Optimise medical knowledge in diagnosis and management of people with haemophilia and other bleeding disorders Learn about multidisciplinary care approach Learn how to establish treatment guidelines.	<sup>1</sup> - Organisation of the training logistics started.	1.5 months Q3 2016

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East Asia	Cambodia - KH	Project	Execution	Cambodia Haemophilia Association - Mr Sithan Kong	deni@nnhf.org	Develop national guidelines for the diagnosis, treatment and management of patients with haemophilia and other bleeding disorders Improve the diagnosis, treatment and management of haemophilia and other bleeding disorders in five provincial hospitals Empower patients and family members to better cope with their condition and engage in the patient society Conduct awareness activities engaging health authorities to secure their support.	- Laboratories where previous training have been done are continuing to perform coagulation testing on patients as required by the medical practitioners. In Siem Reap Lab 322 PT and 960 APTT tests were done.	2.5 years Q4 2014
East Asia	China 3 - CN3	Project	Closing	Haematology Department, Ruijin Hospital affiliated to Medicine School of Shanghai Jiaotong University, Shanghai - Prof Hongli Wang	rbgs@nnhf.org	Further improve reliability of diagnosis and comprehensive care in China by setting up a National External Quality Assessment (EQA) programme: - Improve the Quality Assessment in Haemophilia laboratories in China - Improve the awareness and knowledge of haemophilia in rural areas of selected less privileged provinces - Find and diagnose 1,000 new patients - Maintain and update the established national web-based bleeding disorders registry.	- Waiting for final audit report.	2 years Q2 2012
East Asia	China 4 - CN4	Project	Execution	Shandong Centre of Haemophilia Diagnosis and Treatment - Dr Xinsheng Zhang	rbgs@nnhf.org	Identify five city level haemophilia centres from urban and rural areas who meet the established criteria to be developed into comprehensive care centres Conduct a tailored training program on these centres and assist them in developing cooperation with local government Foster knowledge of patients and families and give them tools to improve their quality of life Raise awareness through education materials, press engagement and a documentary film Diagnose and register 200 new cases identified through the proposed awareness activities.	- Winners of World Haemophilia Day (WHD) 2016 Competition of NNHF carrying out a WHD event called "Bring happiness to haemophilia patients" aimed at raising social awareness and knowledge about haemophilia treatment and care. - Screened 70 patients for factor levels and inhibitor with 52 new identified cases - Dr. Zhang Xinsheng initiated sites inspection visits to Weifang City haemophilia center, iWeifang People's Hospital and Affiliated Hospital of Weifang Medical University.	2.5 years Q3 2014
East Asia	China 5 - CN5	Project	Execution	The First Affiliated Hospital of Suzhou University, Suzhou - Prof Ziqiang YU	rbgs@nnhf.org	Set up multidisciplinary care and train the teams in Suzhou, Nanjing, Yangzhou, Huaian and Xuzhou Advance the capacity in the selected centres on factor activity and VWD detection, and the usage of the registry system Provide technical and patient support, and raise awareness through follow up visits, project specific meetings and World Haemophilia Day activities.	- Project partnership agreement signed.	3 years Q1 2016
East Asia	China 6 - CN6	Project	Execution	Sichuan Center of Haemophilia Diagnosis and Treatment - Prof Xiaojing LI	rbgs@nnhf.org	Select four city-level haemophilia centres in Nanchong, Luzhou, Dazhou and Ya'an Set up multidisciplinary care and train the teams Advance the capacity of factor activity detection and the usage of the registry system in the selected centres Provide technical and patient support, and raise awareness through follow up visits, project specific meetings and World Haemophilia Day activities.	- Project partnership agreement signed.	3 years Q2 2016
East Asia	Malaysia 3 - MY3	Project	Execution	Ampang hospital, Kuala Lumpur - Dr Jameela Sathar	deni@nnhf.org	Raise awareness among healthcare professionals on the diagnosis and treatment of women with bleeding and clotting disorders Create a women's support group at a national level Devise a leadership manual for the women's group in Malaysia Engage media to support improvement of care in Malaysia Set up a National Haemophilia and Coagulation Disorders Standards Board.	- Women leadership training took place in March 2016. The programme included medical aspects of bleeding disorders, psychosocial support, leadership and media training.	3 years Q1 2015
East Asia	Nepal - NP	Project	Execution	Nepal Hemophilia Society (NHS), Kathmandu - Beda Raj Dhungana	rbgs@nnhf.org	Increase NHS local chapters knowledge on haemophilia and provide a structured approach to advocacy Support haemophilia care training for two doctors (one paediatrician and one general physician) from rural areas of each chapter Raise awareness amongst local government officials.	- Medical training activity planned in collaboration with the Mary Gooley Care Center (Rochester, NY) has been postponed to later this year.	6 months Q1 2015

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East Asia	Philippines - PH	Project	Closing	Philippine Haemophilia Foundation INC. - Dr Florida G. Hernandez	rbgs@nnhf.org	Create a National Registry of Haemophilia and other Bleeding disorders Educate the medical, paramedical practitioners and general population about haemophilia and allied bleeding disorders Gather data essential for lobbying support from the National Government Encourage haemophilia advocacy in the countryside Empower haemophilia support group Strengthen partnership with stakeholders.	1. Status of the national registry  - Institution-based research protocol has been prepared and submitted to the UST Hospital for Institutional Review Board (IRB) for approval and to other stakeholders for wider consultation and their on IRB approval as well.  Reviews by USTH IRB are currently being addressed and acomodated and the on-line program is also being re-visited to comply with the IRB requirements. Data collection will commence after IRB approval.  2. Awareness and information dissemination campaign  Information flyers are continuously being shared with doctors and patients in hospitals and with media people in celebration of the World Hemophilia Day.  3. Registry in regional hospitals  Agreement with UST Hospital to donate one (1) computer dedicated for the hemophilia registry. This will be placed at the USTH Benavides Cancer Institute where pediatric and adult hemophilia	3 years Q3 2012
East Asia	Thailand -TH	Project	Closing	National Health Security Office (NHSO) and IHTC Bangkok - Hathaiwut Lamthean  - Prof Ampaiwan Chuansumrit	deni@nnhf.org	- Improve capacity of HCPS at Haemophilia Treatment Centres, Community and District hospitals in 14 Provinces in order to improve care of Haemophilia and patient's quality of life - Educate the community and create a network among patients and volunteers resulting in improved adherence to treatment and Chronic Care Model - Empower patients by building skills in self-care, psychological and social intergration, and informing them about their rights and obligations in relation to their treatment.	- The project results were presented to the NNHF Council in March 2016.  - Waiting for the final project documentation.	1.5 years Q4 2013
East Asia	Thailand2 - TH2	Project	Execution	Faculty of Medicine/Chiang Mai University and IHTC Bangkok  - Dr Rungrote Natesirinilkul  - Prof Ampaiwan Chuansumrit	deni@nnhf.org	- Validate the HJHS 2.1, FISH, PedHAL/HAL, CHOKLAT and HEMOQoL-A into Thai language - Perform a Training of Trainers session on MSK evaluations for the team in Chiang Mai and Bangkok - Delineate the MSK status of patients in Chiang Mai and Bangkok - Provide training to patients about the importance of MSK evaluation and physical activity - Share results at local and international journals and at one international conference.	- Ethics preparation and submission, and study coordination in both centres involved in the project in Bangkok and Chiang Mai - 3 operations committee conference calls between the primary investigators at Bangkok, Chiang Mai and the team at the Hospital for Sick Children - Thai version of the instructional video Hemophilia Joint Health Score 2.1 is in development - Translations of HJHS 2.1, FISH, PedHAL/HAL to Thai language are in finalisation - RedCAP developers at Mahidol University in Thailand have been contacted and discussions regarding the feasibility of setting up a database are in progress.	2 years 10 months Q4 2015
East Asia	Vietnam 2 - VN2	Project	Execution	Vietnam Society of Congenital Bleeding disorder, Hanoi - Prof Nguyen Anh Tri	deni@nnhf.org	Improve quality of haemophilia care in the four main regions: Hanoi, Hue, HoChiMinh city (HCMC) and Can Tho Improve medical staff knowledge about haemophilia Improve knowledge of patients and families Diagnose 200 new patients through an outreach program Create awareness about haemophilia.	- In order to raise awareness of haemophilia, the Vietnamese Haemophilia Association (VHA) was represented with a booth at the Pink Spring Festival 2016 organised by the National Institute of Hematology and Blood Transfusion, distributing leaflets to the attendees.  - 23 new patients diagnosed.	3 years Q2 2013
Europe	Latvia 2 - LV2	Project	Formalisation	Latvia Hemophilia Society, Riga - Baiba Ziemele	deni@nnhf.org	Create infrastructure for data collection and analysis Provide training on the use of the registry and the importance of it for patients and healthcare professionals Have solid, evidence-based facts in place for advocacy purposes.	- Project partnership agreement to be signed in Q2 2016.	1 year Q2 2016

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Europe	Serbia 2 - RS2	Project	Execution	Serbian Haemophilia Society, Belgrade - Tatjana Marković	sysd@nnhf.org	Empower and engage patients through psychological workshops and materials targeted by age group Strengthen SHS through empowerment of regional educators who will drive the educational/empowerment activities of the Society Create awareness about the activities of the Society and the insufficient and irregular supply of factor concentrates and its consequences.	- Educational camp for adults were organised for 3 days on 22 January for 38 patients. The general aim of the camp was to address the psychosocial aspects of haemophilia and sharing the participants experience in living with haemophilia and how it impacted their lives, families, partners, relationships, raising children and adaptation to the workplace. The influence of these personal experiences on self- concept, level of self-confidence and self-acceptance were explored.	2 years Q1 2015
n/a	Laboratory Module 2016	Project	Execution	NNHF Lab training module in cooperation with the Royal Free Hospital (UK) - Dr Angus McCraw - Haemophilia centre service manager & principal biomedical scientist  - Marion Echenagucia, Head of Haematology Lab, Banco de Sangre de Caracas, Venezuela  - Dr Christophe Nougier Edouard Herriot Hospital, Lyon, France	deni@nnhf.org	Improve expertise in quality diagnoses tailored to the working conditions of developing countries Give continuity to the basic module performing five basic courses in 2016 Develop and engage regional lab expert trainers Build an international network of trainees.	- The Basic Coagulation Course in India for 15 participants took place from 15 to 18 March 2016 and was facilitated by Dr Angus McCraw, in collaboration with Dr Shanthi Naidu at CARE Hospital, Banjara Hills, Hyderabad.	1 year Q1 2016
North/Middle America	Central America, Caribbean and Venezuela	Project	Execution	Fundación Apoyo al Hemofílico, Santo Domingo - Fendi Valez Bisono	deni@nnhf.org	Plan and coordinate activities for the patient associations to identify and form new leaders Empower and develop 18 young leaders in the region Start creating micro-projects by the new leaders to integrate them to their patient associations and raise funds to implement the projects and advocate for their cause Replication of acquired knowledge and skills by the new leaders to other members of their associations.	- All activities planned in the project were finalised. - The Final Project Report was written and handed in to NNHF. - With the remaining funds, the project team will create a manual including useful hands-on tools learned during the project, so that the patient associations have them at hand. Therefore, the project is planned to finish in June 2016.	1.5 years Q1 2014 - prolonged until Q2 2016
North/Middle America	Cuba 2 - CU2	Project	Formalisation	Instituto de Hematología e Inmunología (IHI), Habana - Prof. José M. Ballester Santovenia and Dr Dunia Castillo	deni@nnhf.org	Decentralisation of comprehensive care to two centres in the East and establishment of a national reference centre for women with bleeding disorders in Havana.	- Project Partnership Agreement in the final process of being signed by the Cuban authorities in order to start the project activities as soon as possible.	2 years Q1 2016
North/Middle America	Guatemala - GT	Project	Formalisation	Hospital Roosevelt and Hospital San Juan de Dios, Guatemala City - Dr Marta Julia López Ruano	deni@nnhf.org	Train the healthcare professionals from both public hospitals and social security hospital in Guatemala City as well as hospital in Quetzaltenango Improve the hospital infrastructure and quality of care of PwH Educate patients and their families by the multidisciplinary care team Create a national technical committee for haemophilia and institutionalise it Create national haemophilia treatment guidelines.	- Project partnership agreement to be signed. The doctors involved in the project have created a haemophilia doctors' association to be the legal institute signing the agreement with NNHF as it is not possible to sign the agreement with one of the hospitals. - Waiting for bank account information to sign PPA.	2 years Q1 2016
North/Middle America	Jamaica - JM	Project	Execution	University of the West Indies, Kingston - Dr Gilian Wharfe	deni@nnhf.org	Improve the diagnosis accuracy in haemophilia Train healthcare professionals on haemophilia Organise educational workshops for patients and family members Create a national registry and treatment guidelines Raise awareness of bleeding disorders amongst the authorities and the general public.	- 11 additional patients were diagnosed, achieving a total of 72 until today - Jamaican physiotherapists continue close collaboration with team at Sick Kids in Canada to improve their joint score testing.	2 years Q3 2014
North/Middle America	Mexico 2 - MX2	Project	Execution	Hospital Universitario "Dr. José Eleuterio González", Monterrey - Dr Laura Villarreal Martínez	deni@nnhf.org	Provide education, guidance and psychological support to patients Train healthcare professionals to establish a multidisciplinary care team Formalise a complete patient database Raise awareness amongst the general public including school children and teachers.	- The project results were presented to the NNHF Council in the end of March 2016 and a final project article will soon be published.	2 years Q1 2014

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North/Middle America	Mexico 3 - MX3	Project	Execution	Hospital Infantil de México Federico Gómez (HIMFG), Mexico City - Dr Io Daiela Castillo	deni@nnhf.org	<p>Train healthcare professionals on MSK care</p> <p>Identify children with haemophilia with haemarthrosis and at risk of developing functional limitations</p> <p>Establish a rehabilitation programme and anchor it in the regional care approach</p> <p>Raise awareness amongst the haemophilia community of the importance of MSK care and prevention.</p>	<p>- 28 healthcare professionals from two hospitals (Hospital Infantil de México Federico Gómez and Instituto Nacional de Pediatría) were trained in musculoskeletal (MSK) care during 1 week in March 2016 with the purpose of integrating MSK care into the care offering.</p> <p>- Theoretical and practical sessions covered MSK measurement tools, and physiotherapy for haemophilic arthropathy and muscular haematomas. Training was delivered by orthopaedist Dr Toribio Gomez and physiotherapist Naiari Fernández, both from Venezuela, as well as by Dr Laura Villarreal from Monterrey with her experience of building a multidisciplinary team from the bottom up.</p> <p>- Educational materials on MSK care for patients drafted and MSK evaluation sheet developed.</p>	1.5 years Q4 2015
North/Middle America	Nicaragua - NI	Project	Execution	Nicaraguan Association of Hemophilia - Javier Antonio Rivas Ojeda  and Red Cross Nicaragua - Dr Rene Berrios	deni@nnhf.org	<p>Improve coagulation laboratory and train the staff to do diagnosis</p> <p>Create national treatment guidelines</p> <p>Train professionals in nursing, physiotherapy, dental care and medical training of patients with haemophilia</p> <p>Provide educational sessions to patients and families on haemophilia</p> <p>Strengthen the haemophilia care centre and the patient association.</p>	<p>- After an evaluation of the required equipment for the laboratory was done, offers have been received to purchase the needed equipment in the next quarter.</p> <p>- The arrangements have been done to train 2 laboratory technicians from Nicaragua in Panama in the next quarter.</p>	2 years Q4 2015
North/Middle America	Cuba 2 - CU2	Fellowship	Formalisation	Armando Javier Tejera Valdés Hospital General Docente Dr. Antonio Luaces iraola	deni@nnhf.org	<p>- Increase knowledge about haemophilia in general</p> <p>- get training on different processes and techniques for MSK</p> <p>- learn how to do rehabilitation treatment for people with haemophilia.</p> <p>- Hospital Universitario y Politécnico La Fe, Valencia, Spain; responsible persons: Dr Santiago Bonadad, haematologist.</p>	- Organisation of the training logistics started.	1 month Q2 2016
North/Middle America	Panama 2 - PA2	Fellowship	Execution	Dr Benilda González Lao, haematologist Hospital del Niño, Panama City, Panama	deni@nnhf.org	<p>Specialise in haemophilia care</p> <p>Get tools to work with haemophilia patients and their families</p> <p>Establish new programmes to improve patients' quality of life.</p> <p>- Complejo Asistencial Dr. Sótero del Río, Santiago de Chile, Chile; responsible person: Dr José Luis Lamas Castellanos, haematologist.</p>	- Training started in April in Santiago de Chile.	1 month Q2 2016
Near/Middle East	Jordan 3 - JO3	Project	Execution	Princess Sumaya University for Technology (PSUT), Amman Dr Arafat Awajan	sysd@nnhf.org	<p>Organise a comprehensive national training programme for healthcare professionals</p> <p>Conduct educational sessions and awareness campaigns for people with haemophilia</p> <p>Create educational materials for PwH and their family in Arabic</p> <p>Develop an Arabic website with educational material for both HCP and PwH. The website will serve as a communication channel for PwH and the different stockholders in the Arabic speaking countries.</p>	<p>- 60 patients and families participated in an awareness meeting organised by the Jordan Hemophilia Society</p> <p>- The hardware required for creating the website were purchased.</p>	2 years Q2 2014



Region	Programme name	Programme type	Phase	Partner	NNHF contact	Objectives	Status	Programme duration / Start date
Near/Middle East	Palestine 1 - PS 1	Project	Execution	Palestine Ministry of Health, Foreign Relation department, Ramallah. - Huda Lahham and Dr Hussein Elyan	sysd@nnhf.org	Design and apply a comprehensive national training programme for healthcare professionals Create guidelines for treatment of haemophilia Produce educational material for healthcare professionals and patients Improve the laboratory facilities Screen and (re-)diagnose of 1680 people with haemophilia Six educational sessions for people with haemophilia will be conducted. Set up a national medical registry.	- Training of health care providers Sheba center changed the date of the first day of training to July/2016 - National Registry: IT department conducted training for he-matologists, pharmacists, lab technicians, and nurses on the newly devolved national registry. The attendants suggested some modifications in this program and adding more points (e.g., labs). - Upgrading MoH laboratories: 15 samples were collected and tested using the newly purchased coagulometer. Moreo-ver, letters were sent to hospitals to test the patients who were not tested yet. The Lab in Rammallah was included in Quality Assurance System by IEQAS pro-gramme - Educational sessions: One educational session was conducted on the 30th of January for PWH in Nablus and Salfiet Areas. - Haemophilia Guidelines: The guidelines committee started the de-velopment of the guideline to be published by the end of May.	1.5 years Q1 2014
South America	Argentina 2 (South of Buenos Aires province) - AR2	Project	Execution	CARDHE - patient association and healthcare centre in Bahía Blanca, - Dr Susana Garbiero	deni@nnhf.org	Establish a working agenda with all relevant health institutions in the region and create a network Evaluate the patients' situation and empower them and their families through education Strengthen the healthcare institutions in the region through training.	- The Project Partnership Agreement has been signed and the project activities will start in Q2 2016.	1.5 years Q4 2015
South America	Argentina 3 (Jujuy) - AR3	Project	Formalisation	Fundación Jujeña de Hemofilia, San Salvador de Jujuy - Dr Susana Gastaldo	deni@nnhf.org	Identify new patients and improve diagnosis infrastructure Improve access to care for people with haemophilia in the province of Jujuy Improve patients' quality of life by establishing self-treatment processes and educating the social environment.	Project partnership agreement to be signed in Q2 2016.	1 year Q3 2016
South America	Brazil 2 - BR2	Project	Execution	IHTC "Luiz Cláudio Pizzigatti Correa", Hemocentro UNICAMP (State University of Campinas), Campinas - Dr Margareth Castro Ozelo	rbsgs@nnhf.org	Establish guidelines for MSK evaluation and treatment Develop educative materials for PWH, their families and for healthcare professionals Improve Quality of Life (QoL) of PWH through improvements in their physical, mental and social well-being.	- MSK software has been evaluated by members of the International Prothilaxis Study Group. Their feedback is being incorporated to the software - Meeting at WFH congress will serve as platform to decide how different parties will support the improvement and rollout in different countries.	3 years Q3 2011
South America	Brazil 3 - BR3	Project	Closing	Hemocentro do Estado do Espírito Santo-HEMOES, Vitoria - Dr Alessandra Nunes Loureiro Prezotti, M.D., Ph.D	rbsgs@nnhf.org	Develop practical guidelines customised for professionals who work in primary health care Produce an educative material for professionals and patients with inherited bleeding disorders and their families Develop a treatment guiding poster to be placed in emergency rooms Devise an educative and monitoring diary for patients with inherited bleeding disorders Prepare and deliver training activities for patients and their families Organize scientific meetings and training programs to expand and apply the outcomes generated by this project Publicise the results in a national meeting and the Haemophilia journal.	- Waiting for final project audit report.	2 years Q3 2013

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South America	Brazil 4 - BR4	Project	Execution	FBH – Federação Brasileira de Hemofilia - Christianne Maria Oliveira Costa	rbs@nnhf.org	<ul style="list-style-type: none"> <li>Prepare and deliver training activities for health care professionals of primary health care and municipal hospitals</li> <li>Prepare and deliver training activities for patients and their families</li> <li>Reproduction and distribution of educational materials, posters and infusion diaries for patients</li> <li>Draw the psychosocial profile of patients and their situation to promote the appropriate treatment</li> <li>Publicise the results in a national meeting and at the Haemophilia journal.</li> </ul>	<ul style="list-style-type: none"> <li>- Adaptation and printing of educational materials is taking place.</li> <li>- First regional training for HCPs on haemophilia planned in April 2016 however delays in scheduling may delay the start of trainings.</li> </ul>	2.5 years Q3 2015
South America	Chile 2 - CL2	Project	Execution	Complejo Asistencial Dr Sotero del Río, Santiago de Chile - Dr José Luis Lamas Castellanos	deni@nnhf.org	<ul style="list-style-type: none"> <li>Develop and perform an educational programme for patients and their families – focus: home therapy and importance of MSK/physiotherapy care</li> <li>Train healthcare personnel in primary healthcare centres</li> <li>Educate school staff and pupils on the condition</li> <li>Train healthcare teams in two satellite centres in strategic parts of the country to become trainers of the modules created for patients, their families, healthcare centres and schools</li> <li>Strengthen the patient association to become an active partner collaborating with the medical community and the authorities.</li> </ul>	- No activities took place in Q1 2016 due to vacation period in Chile.	2 years Q2 2014
South America	Paraguay - PY	Project	Execution	Fundación de Ayuda al Hemofílico (Fundahemo) - Mayda Tamara Yasychyn	deni@nnhf.org	<ul style="list-style-type: none"> <li>Train staff to improve care offered to patients with haemophilia</li> <li>Create a coagulation laboratory at the Hospital de Clinicas de San Lorenzo and train the staff to achieve quality diagnosis</li> <li>Execute a nationwide census to diagnose and register patients</li> <li>Provide educational sessions to patients and families on haemophilia.</li> </ul>	<ul style="list-style-type: none"> <li>- Project Partnership Agreement signed</li> <li>- Planning of first activities started in collaboration with the National Blood Programme.</li> </ul>	1.5 years Q4 2015
South America	Peru 2 - PE2	Project	Execution	Peruvian Haemophilia Association, Lima - Carmen Emperatriz Castro Abad	deni@nnhf.org	<ul style="list-style-type: none"> <li>Improve knowledge and awareness of haemophilia of social workers on a national basis</li> <li>Facilitate patients' access to health infrastructure and proper management of their condition.</li> </ul>	<ul style="list-style-type: none"> <li>- The project was kicked off with several meetings with haematologists and social workers to establish the training goals, the programme and organise all the logistics for the training sessions for social workers in Lima and in other areas of the country.</li> <li>- Several meetings were held with various health authorities and academic organisations in order to validate the training sessions and attract more social workers.</li> </ul>	1 year Q1 2016
South America	Bolivia - BO IM 2014	Fundraised project	Execution	Fundación Nacional de Hemofilia Bolivia, Santa Cruz - Victor Manuel Ponce Rojas	deni@nnhf.org	<ul style="list-style-type: none"> <li>Establish coagulation laboratory facilities and skills</li> <li>Organise a national educational event for 200 participants</li> <li>Raise awareness through a campaign engaging media.</li> </ul>	- The project will be closed in the upcoming months.	1 year Q2 2014
South America	Chile 4 - CL4	Fellowship	Formalisation	Antonio Enrique Ibarra, physiotherapist, Complejo Hospitalario Sóterio del Río, Santiago, Chile	deni@nnhf.org	<ul style="list-style-type: none"> <li>Specialise in haemophilia care</li> <li>Get knowledge about how an advanced haemophilia care centre is working and functioning</li> <li>Share experience and knowledge gained adapting it to the local circumstances</li> <li>Provide better care to the patients.</li> <li>- Hemocentro "IHTC Cláudio Luis Pizzigatti Correa", Hematology Center of University of Campinas (UNICAMP), Campinas, Brazil; responsible person: Dr Margareth Ozelo, Head of the Centre.</li> </ul>	<ul style="list-style-type: none"> <li>- Antonio Ibarra's fellowship was approved by the NNHF Council in March 2016.</li> <li>- His training will take place in May in Campinas, Brazil.</li> </ul>	1 month Q3 2016
South America	Chile 5 - CL5	Fellowship	Formalisation	Pamela Andrea Suazo Navarro, social worker, Santiago, Chile	deni@nnhf.org	<ul style="list-style-type: none"> <li>Specialise in haemophilia care</li> <li>Learn about the role of a social worker in haemophilia</li> <li>Increase knowledge about self-management and social re-integration for people with haemophilia.</li> <li>- Hemocentro "IHTC Cláudio Luis Pizzigatti Correa", Hematology Center of University of Campinas (UNICAMP), Campinas, Brazil; responsible person: Dr Margareth Ozelo, Head of the Centre.</li> </ul>	- Organisation of the logistics of the training started.	2 weeks Q4 2016

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South America	Chile 6 - CL6	Fellowship	Formalisation	José Luis Lamas Castellanos, haematologist, Santiago, Chile	deni@nnhf.org	<p>Optimise medical knowledge in haemophilia care Improve interpretation skills of diagnosis test results Share experiences and knowledge gained adapting it to the local circumstances.</p> <p>- Hospital Universitario y Politécnico La Fe, Valencia, Spain; responsible persons: Dr Santiago Bonadad, haematologist.</p>	- Organisation of the logistics of the training started.	1 month Q3 2016
South America	Colombia 5 - CO5	Fellowship	Execution	Lina Teresa Mateus Díaz, physiotherapist IPS Especializada, Bogota	deni@nnhf.org	<p>- Increase knowledge in providing better physiotherapy care for people with haemophilia - Learn how to use ultrasound in physical rehabilitation - Get knowledge on other physiotherapy techniques and tools to improve the daily treatment for patients - Share experience and knowledge gained adapting it to the local circumstances.</p> <p>- Hospital Universitario y Politécnico La Fe, Valencia, Spain; responsible persons: Dr Santiago Bonadad, haematologist.</p>	- Training of Lina Teresa Mateus Díaz in Valencia, Spain, is ongoing.	1 month Q2 2016
South/Central Asia	Armenia - AM	Project	Execution	Haematology Center of Armenia, Yerevan - Prof Smbat Daghbashyan	sysd@nnhf.org	<p>Strengthen the local haemophilia care team Establish haemophilia treatment guidelines Establish a web based national haemophilia registry Raise awareness to increase the quality of life of PwH Improvement of diagnostic facilities Outreach visits to improve haemophilia awareness in the regions.</p>	- Dr Anahit Harutunyan, physiotherapist completed a four-week training program in the Tulpes Sanatorium, Lithuania.	2 years Q1 2015
South/Central Asia	Bangladesh - BD	Project	Execution	Dhaka Medical College - Prof Salma Afrose	sysd@nnhf.org	<p>Increase capacity of multidisciplinary team in Dhaka, Chittagong and Rangpur Development of diagnostic facilities for coagulation studies Educate patients and families and encourage them to attend the newly trained centres Engage authorities and the public for more support to bleeding disorders.</p>	<p>- On 19 March, a full day training was organised for HCPs from different institutions of Dhaka, Chittagong Medical College Hospital, Rangpur Medical College Hospital, Mymensingh Medical College hospital. The training covered the following topics: 1. Basic of coagulation &amp; approach PwH 2. General concept of Haemophilia 3. Diagnosis of Haemophilia 4. Management of Haemophilia &amp; its complication. 5. Technologists have separate demonstration session 6. Physiotherapists have separate physiotherapy lecture.</p>	1 year Q2 2015
South/Central Asia	Georgia - GE	Project	Closing	Georgian Society of Thrombosis and Haemostasis - Dr Levani Makhaldiani	sysd@nnhf.org	<p>Improve the laboratory facilities Update current guidelines for treatment of haemophilia and allied bleeding disorders Produce educational material for healthcare professionals and patients Perform comprehensive national training programme for healthcare professionals Reach out to offer better care and education to patients and family members Raise awareness of bleeding disorders amongst the general public and the authorities.</p>	- All project activities have been completed. Waiting for the final Audit report and Final Project report.	2 years Q1 2013
South/Central Asia	India 2 - IN2	Project	Closing	Katsurba Hospital, Manipal University , Manipal - Dr Annamma Kurien	sysd@nnhf.org	<p>Create awareness and identify new patients with haemophilia and allied bleeding disorders in 4 districts (Udupi, Dakshina Kannada, Chickamangaluru and Shimoga) of Karnataka, India Diagnose improvement (Haemophilia, von Willebrand disease, platelet function).</p>	<p>- Education material, poster &amp; pamphlet to create awareness among general public, primary health centres and district hospitals has been delivered - Project closing meeting took place at the Manipal University on 30 January. Dr Annamma Kurien and the university directors praised the work provided to the haemophilia and bleeding disorders community through the IDEEA project - NNHF is working with Dr Annamma to extend the activities to the entire state of Karnataka through a second project.</p>	3 years Q1 2012

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South/Central Asia	India 3 - IN3	Project	Execution	Maulana Azad Medical College, New Delhi - Prof Naresh Gupta	sysd@nnhf.org	Capacity Building in the National Capital Region Increase public awareness and IEC activities Widening Diagnostic Base Publications and Haemophilia Newsletter Website based regional electronic medical record system and patient forum.	- Patient and family self-help group meeting addressed individual doubts and questions patients have besides infusion: physiotherapy sessions should be boosted, as they believed that the number of recurrent bleeds were less as compared when the patients followed a less active or sedentary lifestyle. It was found that, in each session a reason of major anxiety among the patients and their family members was related to the genetic transferability of the condition in their next generation, on which Dr. Sandeep presented a detailed explanation on the inheritance pattern and the role of carriers in transmission.	2 years Q2 2013
South/Central Asia	India 6 - IN6	Project	Execution	Haemophilia Federation India - Mr Mukesh Garodia & Dr Richa Mohan	sysd@nnhf.org	Improve skills of haematologists, lab technicians, physiotherapists and nurses of 8 states comprising the North East region Customise the Parents Empowering Parents programme according to local language and culture to enhance parents' communications and capacity to manage their child's condition Train 40 parents in the suggested states using the adapted PEP programme in order to have them replicate the training to other parents in their chapters.	- Two days' workshop on the Management of Haemophilia was organized for 108 HCPs from the north eastern region. The workshop was conducted by Dr Alok Srivastava, Dr Auro Viswabandya and their team from CMCH, Vellore.	2 years Q4 2014
South/Central Asia	India 7 - IN7	Project	Execution	Haemophilia Federation India - Dr Pamela Narayan	rbgs@nnhf.org	Map the musculoskeletal morbidities and physiotherapy practices prevalent in factor limited settings, particularly India Delineate and implement a clinical pathway of MSK care for PWH Increase awareness and access to physical therapy in the management of MSK morbidities amongst PWH.	-Patient information leaflets and the patient consent form was approved by the Ethics Committee.  -The survey draft was piloted on a small group of 10 physiotherapists.  -The South Regional Musculoskeletal Workshop was organized at Hotel Golkonda in Hyderabad on February 6 & 7. It was a 2 day workshop attended by 28 delegate physiotherapists. The physiotherapists were from across the length and breadth of South India and were a good representation of the region. The goals of the workshop were met with and the delegates were all trained in the use of the MSK Registry. The workshop made laptops available to the delegates in the ratio of 1:2 to simulate data entry of the MSK assessment of PWH onto the registry. The feedback from delegates about the meeting was very positive.  -The MSK workshop had good press coverage and was covered in 17 newspapers including in English, Telegu and Urdu newspapers.	3 years Q2 2015
South/Central Asia	Myanmar - MM	Project	Execution	Yangon Children's Hospital, Yangon - Dr Khin Nwe Oo	deni@nnhf.org	Plan and execute the establishment of the Myanmar Haemophilia Patients' Association Adapt and translate key training materials on haemophilia into Myanmar version Educate HCPs on haemophilia in key centres and inform about the association and its role Create awareness amongst patients and society about the association, haemophilia and provide guidance Prepare and execute application to become a WFH National Member Organisation.	- Patient association registration is still ongoing. This is the last activity that is being supported by this project.	1.5 years Q4 2013

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South/Central Asia	Pakistan 5 - PK5	Project	Execution	Pakistan Haemophilia Patients Welfare Society (PHPWS) - Masood Fareed Malik	sysd@nnhf.org	Strengthen the Pakistan Haemophilia Patients Welfare Society and its chapters to excel in their role Increase the public and the patients awareness Outreach for identification of new patients Develop centralized web-based national patients registry.	<ul style="list-style-type: none"> <li>- Professional Photographer who travelled to different treatment centres in 4 provinces to meet community members provided the photos of community members along with their signed consent forms. The photographer tried to capture the real face of the disease in Pakistan. This collection portrayed the challenges, treatment options, blood screening, community success stories and psychosocial aspect of haemophilia. PHPWS is planning to do the exhibition of these photographs on AGM planned after WFH Congress.</li> <li>- Positive Diaries is a collection of testimonials of people living with bleeding disorders in Pakistan. The professional designer is designing the approved layout of this book-let.</li> <li>- The last and fourth Patient Camp was organised and attended by 40 patients and family members from different parts of Ra-walpindi-Punjab. The camp included interactive sessions about briefing about treatment literacy &amp; treatment adherence, motivational lecture, panel group discussion, physiotherapy session and networking exercise.</li> <li>- Started producing two short documentaries and hired a professional video journalist. The contract was signed and project signing amount was issued to the vendor during this quarter. At this moment Project team is working on the draft script of the video.</li> <li>- During this quarter the Executive Board of PHPWS has a very interactive dialogue with healthcare providers on the treatment issues faced by the haemophilia community in Pakistan.</li> </ul>	2 years Q2 2014
South/Central Asia	Sri Lanka - LK	Project	Formalisation	Haemophilia Association of Sri Lanka - Pinsiiri B. Godamunna, president	sysd@nnhf.org	Publish the national treatment guidelines for adult and children and general guideline about physiotherapy care of haemophilia. Improve physiotherapy and MSK care in the five main centres Strengthen the Sri Lanka Haemophilia Association through education and awareness sessions Empower carriers and women with bleeding disorders.	<ul style="list-style-type: none"> <li>- First national level training workshop for physiotherapist with the vision of Improving Physiotherapy and MSK care in the five main Centers took place in December last year. This has led to the creation of a physiotherapy committee which is developing the national MSK care guidelines which will be revised with the help of Dr Narayan and Dr Srivastava.</li> <li>- Five patient education sessions and one patient association leadership training were delivered in February in collaboration with Mr Brian O'Mahoney. More details will be given in the next council.</li> </ul>	2 years Q2 2015
South/Central Asia	Uzbekistan 4 - UZ4	Project	Execution	Scientific Research Institution of Haematology and Blood Transfusion - Dr Aziza Makhmudova	sysd@nnhf.org	Strengthen the rehabilitation care in the haematology Centre in Tashkent Start the rehabilitation care in 12 regions by training of HCPs.	<ul style="list-style-type: none"> <li>- The Project Partnership agreement was signed.</li> </ul>	1.5 years Q1 2016
South/Central Asia	Myanmar - WHD 2013	Fundraised project	Execution	Myanmar Haemophilia Patient Association - Mr Arkar Htun Hlaing	deni@nnhf.org	Strengthen patient community by organising regional training sessions in the main cities in Myanmar.	<ul style="list-style-type: none"> <li>- MoU between NNHF and Mandalay was submitted for signature.</li> </ul>	1 year
South/Central Asia	Myanmar 2 - MM2	Fellowship	Formalisation	Yan Naing, pathologist General Hospital, Mandalay, Myanmar	deni@nnhf.org	Improve expertise in diagnose techniques of inherited and acquired bleeding and clotting disorders Learn to implement Good laboratory Practices and the importance of pre-analytical variables in haemostasis investigations Acquire in depth knowledge about quality control and the use of appropriate instrumentation and reagents.	<ul style="list-style-type: none"> <li>- Fellowship to start in Q3 2016.</li> </ul>	6 months Q1 2016