



ONE **ASEAN**  
ONE **RESPONSE**



# A YEAR OF **TRANSITION**

AHA CENTRE ANNUAL REPORT 2021





ONE ASEAN  
ONE RESPONSE

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The AHA Centre is an intergovernmental organisation established on 17 November 2011 through the signing of the Agreement on the Establishment of the AHA Centre. The AHA Centre is based in Jakarta, Indonesia.

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The AHA Centre Annual Report 2021

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ONE ASEAN  
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# A YEAR OF TRANSITION

AHA CENTRE ANNUAL REPORT 2021

ASEAN Coordinating Centre for  
Humanitarian Assistance on disaster management  
(AHA Centre)

## THE CONCEPT

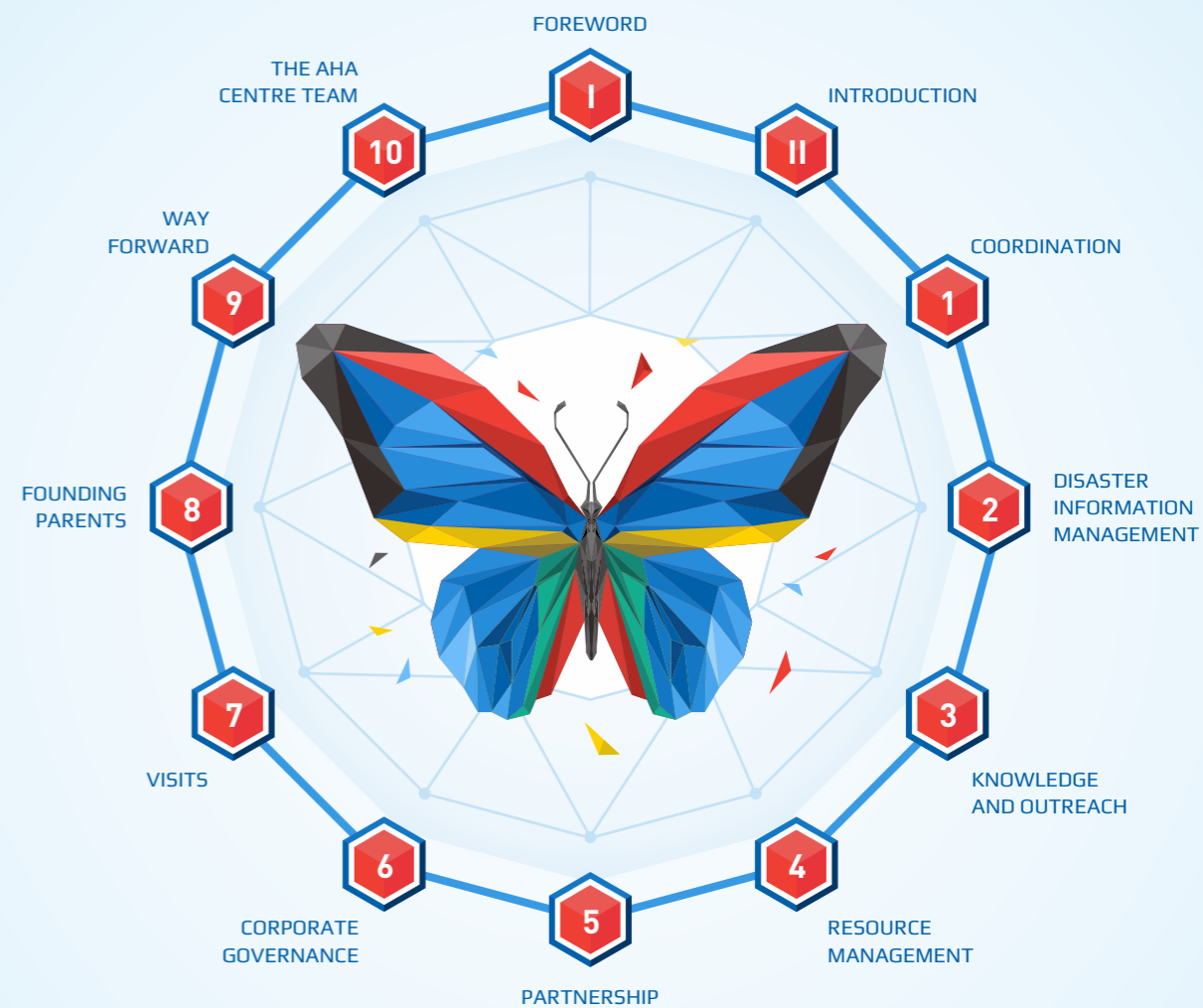


## A YEAR OF TRANSITION

The AHA Centre Annual Report 2021 have the main theme of A YEAR OF TRANSITION: ACHIEVING GREATER AGILITY, in this case, the annual report concept capturing the transition of a butterfly wireframe into a stunning colourful digital butterfly, visualising the transition of AHA Centre from pandemic situation into new normal situation, from conventional media into more interactive and digital media, transition into integrated finance system, and transition of a new leadership.



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# LIST OF GLOSSARY AND ABBREVIATIONS

AADMER	: ASEAN Agreement on Disaster Management and Emergency Response
ACDM	: ASEAN Committee on Disaster Management
ACE	: AHA Centre Executive Programme
ADINet	: ASEAN Disaster Information Network
AHA Centre	: ASEAN Coordinating Centre for Humanitarian Assistance on disaster management
AHADID	: AHA Centre Disaster ID
AIM	: Asian Institute of Management
ANGIN	: Angel Investment Network Indonesia
APC	: AADMER Partnership Conference
APG	: AADMER Partnership Group
API	: Application Programming Interface
ARG	: ASCEND Reference Group
ARMOR	: ASEAN Risk Monitor and Disaster Management Review
ASCEND	: ASEAN Standards and Certification for Experts in Disaster Management
ASEAN	: Association of Southeast Asian Nations
ASEAN-ERAT	: ASEAN Emergency Response and Assessment Team
ASMC	: ASEAN Specialised Meteorological Centre
BNPB	: Badan Nasional Penanggulangan Bencana (National Disaster Management Authority of Indonesia)
CCNDPC	: Central Steering Committee for Natural Disaster Prevention and Control of Viet Nam
COVID-19	: Coronavirus disease of 2019
DDM	: Department of Disaster Management of Myanmar
DDPM	: Department of Disaster Prevention and Mitigation - Ministry of Interior, Thailand
DELSA	: Disaster Emergency Logistics System for ASEAN
DFAT	: Department of Foreign Affairs and Trade of Australia
DKI-APCSS	: Daniel K. Inouye Asia-Pacific Centre for Security Studies
DMHA	: Disaster Management and Humanitarian Assistance
DMRS	: Disaster Monitoring and Response System
DSWD	: Department of Social Welfare and Development of the Philippines
EOC	: Emergency Operations Centre
EOS	: Earth Observatory Singapore
ERO	: Emergency Response Organisation
EU	: European Union
EU-SAHA	: Integrated Programme in Enhancing the Capacity of AHA Centre and ASEAN Emergency Response Mechanisms
FCDO	: Foreign, Commonwealth and Development Office of the United Kingdom
GIZ	: The Deutsche Gesellschaft für Internationale Zusammenarbeit

HELIX	: Humanitarian Emergency and Logistics Expo
ICT	: Information and Communication Technology
ICVA	: International Council of Voluntary Agencies
IFRC	: International Federation of Red Cross and Red Crescent Societies
JAIF	: Japan-ASEAN Integration Fund
JMT	: JAIF Management Team
KIM WG	: ACDM Working Group on Knowledge and Innovation Management
LACER	: Leveraging ASEAN Capacities for Emergency Response
MDRT	: Myanmar Disaster Response Team
MIC	: Ministry of Internal Affairs and Communications of Japan
MoU	: Memorandum of Understanding
MRCS	: Myanmar Red Cross Society
MSB	: Myndigheten för samhällsskydd och beredskap (Swedish Civil Contingencies Agency)
NADMA	: Agensi Nasional Pengurusan Bencana (National Disaster Management Agency of Malaysia)
NCDM	: National Committee for Disaster Management of Cambodia
NDMO	: National Disaster Management Organisation
NDPBA	: National Disaster Preparedness Baseline Assessment
NDRRMC	: National Disaster Risk Reduction and Management Council of the Republic of the Philippines
NUS	: National University Singapore
OCD	: Office of Civil Defense of the Philippines
OPTEMIS	: Operation Planning Tool for Earth-observation Mission
PAR	: Philippine Area of Responsibility
PDC	: Pacific Disaster Center
PHK	: Personal hygiene kits
PRR-WG	: ACDM Preparedness, Response, and Recovery Working Group
SCDF	: Singapore Civil Defence Force
SDC	: Swiss Agency for Development and Cooperation
SG-AHAC	: ASEAN Secretary-General - ASEAN Humanitarian Assistance Coordinator
TLIAP	: The Logistics Institute Asia-Pacific
UN	: United Nations
UNHRD	: United Nations Humanitarian Response Depot
UNOCHA	: United Nations Office for the Coordination of Humanitarian Affairs
UPS	: United Parcel Service
USFS	: United States Forest Service
Web-EOC	: Web-based Emergency Operations Centre
WFP	: World Food Programme





**” I am heartened to say that the AHA Centre has indeed come a long way since its inception a decade ago.**

#### Mr. Eric Yap Wee Teck

Commissioner, Singapore Civil Defence Force  
Chair of the Governing Board of the AHA Centre, 2021

## FOREWORD

Building on the progress of the past 10 years, the AHA Centre's focus in 2021 remains committed in facilitating cooperation amongst ASEAN Member States to reduce disaster loss and respond to disasters quickly. This annual report showcases the various progress in which the AHA Centre had achieved in the Priority Programmes of ADDMER in 2021, notwithstanding the challenges of the COVID-19 pandemic.

The fundamental spirit of the ASEAN Vision 2025 on disaster management is having a collective response to humanitarian needs in the region. In this aspect, amongst the achievements, I am pleased to highlight a remarkable accomplishment we had made last year on the completion of the construction and the smooth operation of the ASEAN Village in Palu, Central Sulawesi, Indonesia, one which truly reflects the spirit of One ASEAN One Response. This unique, extensive and exemplary recovery programme is a result of the concerted efforts of the AHA Centre, ASEAN Member States in particular Brunei Darussalam, Indonesia and Philippines, and the strong support provided by Australia and Direct Relief.

## CHAIR OF THE GOVERNING BOARD OF THE AHA CENTRE 2021

Despite the pandemic, the AHA centre continues to strive toward providing disaster management training and capability building for ASEAN. Since its inception in 2014, the AHA Centre Executive (ACE) programme has welcomed participants from all the ASEAN Member States yearly. In 2021, the ACE programme saw the successful introduction of a new online training component which effectively overcame travel restrictions to bring essential training virtually across ASEAN.

As the Knowledge Hub of disaster management in ASEAN, the centre not only published the second edition of the ASEAN Risk Monitor Report and Disaster Management Review (ARMOR) but also successfully co-organised the Humanitarian Emergency and Logistics Expo (HELIX) 2021 with Viet Nam Disaster Management Authority, attracting over 1,000 participants.

2021 was a significant milestone for the AHA Centre as it celebrated its 10th anniversary. As the Chair of the Governing Board for 2021, I joined my fellow members in the Governing Board to congratulate the AHA Centre. I am heartened to say that the AHA Centre has indeed come a long way since its inception a decade ago. It had carried out, continues and will continue to execute numerous short-term as well as long-term operations, engagements and outreach programmes to fly high the ASEAN brand name and, more importantly, to alleviate the adverse impacts of disasters for the people of ASEAN.

I would like to take this opportunity to thank all the ASEAN Members States and partners for your strong support for the AHA Centre all these years. Above all, I would like to applaud the commendable work of the AHA Centre's staff who have remained resilient, steadfast and well-focused on the ASEAN's disaster management efforts even in the face of the uncertainties and challenges arising from the pandemic.

Moving forward, the focus of the centre will be in transforming itself into an entity that will remain effective and agile to navigate the ever-changing and dynamic landscape of disaster management. It would also capitalise on digitalisation to transform processes thereby enabling sharper real-time situational awareness, and seamless coordination and communication in disaster management. On this note, I wish the AHA Centre every success and all the very best in its endeavours.

**Mr. Lee Yam Ming**  
Executive Director, The AHA Centre

## FOREWORD

The 10th anniversary of any institution is a great landmark, a milestone from which to look back at so much that has been achieved and how much more there remains to be done in the years ahead. As such, it can rightly be regarded as a point of transition, and in many ways for the AHA Centre 2021 was a year of transition.

From a personal perspective, the biggest transition was being appointed Executive Director of the AHA Centre. It has been a great privilege to take over from Ms. Adelina Kamal who helmed the Centre for almost five years, a period of great evolution and which culminated in the huge transformation brought about by the unprecedented COVID-19 pandemic. The tireless efforts of the team allowed the AHA Centre in 2021 to transition from working entirely from home to moving into a hybrid form of work while maintaining the highest standards of health protocols.

“ Looking forward, the key elements in the AHA Centre’s disaster response policy are integrity and unity together with the spirit of One ASEAN, One Response.

## EXECUTIVE DIRECTOR OF THE AHA CENTRE

Having made this transition, the onus is on the AHA Centre to continue in its mission as the primary coordinator of disaster management in the ASEAN region. Moving on from a year of unparalleled challenges, 2021 was the point at which the Centre and the region could consolidate and recuperate to a certain extent from a turbulent period and look to the future. The pandemic did not mean that disasters suddenly ceased to occur, on the contrary, they continued but posed ever-greater challenges to those charged with disaster management.

Looking forward, the key elements in the AHA Centre’s disaster response policy are integrity and unity together with the spirit of One ASEAN, One Response. In responding to and managing disasters, ASEAN centrality must be at the core, with Member States united and with the same goals and vision.

The AHA Centre over the previous 10 years has gone from strength to strength. In workshops conducted in the Centre and of course in disaster management itself, the ASEAN spirit of working closely together has always been to the fore. This is achieved through networking and close relationships among Member States, the staff of the various National Disaster Management Organisations and the ASEAN Secretariat, all facilitated by the AHA Centre. The Centre will continue in the years ahead to effectively and professionally respond to disasters in the region in collaboration with our partners in the region and from around the world. The AHA Centre met and overcame all the challenges that were presented by the pandemic in the previous two years. With the hard lessons learned and with hope for the future the Centre will move forward with its core mandate of disaster management and emergency response, while also highlighting the importance of developing internal capacities, and preparing and planning for the array of potential new and different challenges that this region will face.



# INTRODUCTION

It is perhaps counterintuitive but the one constant in the life of any institution or individual is change. It is how we handle change, how we cope with transition, which marks our success or failure.

The year 2021 was a year of transition for the AHA Centre, as it was for the ASEAN region and the rest of the world. The AHA Centre made the transition from total working from home during the initial stages of the COVID-19 pandemic to a more hybrid arrangement that took into account the correct protocols to ensure the health and safety of all concerned, while maintaining the agility of the AHA Centre in carrying out its many duties.

There was of course, also a leadership transition, as Mr. Lee Yam Ming took over the reins as Executive Director of the AHA Centre from the capable hands of Ms. Adelina Kamal. It is the purpose of this report to provide an account of the highlights of the Centre's activities during the transitional year of 2021, the 10th anniversary of the Centre's foundation.



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# COORDINATION

Fulfilling its role as the primary ASEAN regional coordinating agency on disaster management and emergency response in accordance with the One ASEAN, One Response declaration, the AHA Centre coordinates closely with the governments of ASEAN Member States, ASEAN partners and humanitarian actors in disaster management.

The highlights of this coordination in 2021 included the response to the devastating Typhoon RAI (Odette locally) in the Philippines in December; the ongoing mobilisation of COVID-19 relief items throughout the region but in particular to Viet Nam and Thailand; the official launch of the ASEAN Village in Central Sulawesi, Indonesia, in June; and the provision of USD 1.1 million worth of medical supplies and equipment to the Myanmar Red Cross Society (MRCS) in September.

The AHA Centre's work with all its partners in responding to the catastrophic Typhoon Rai in the Philippines, the provision of COVID-19 relief, the construction of the ASEAN Village, and the distribution of medical assistance to Myanmar demonstrated once again the vital role that collaboration with partners plays in disaster and emergency response in the region.



Typhoon RAI  
(Odette)



COVID-19 relief



ASEAN Village  
launch



Myanmar  
response



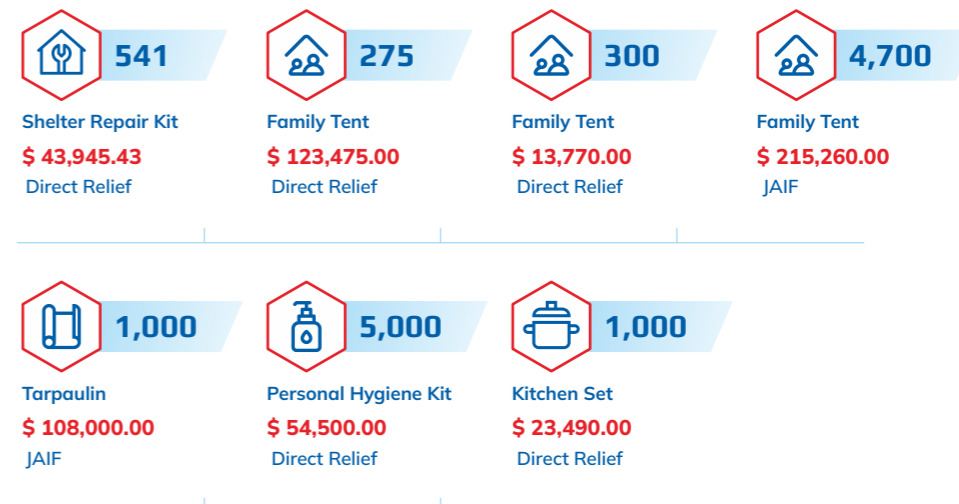


## Typhoon RAI (Odette)

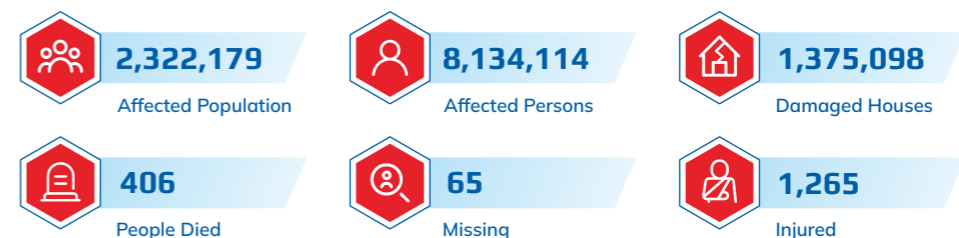
On the night of 14 December 2021 Typhoon Rai (Odette in the Philippines), which had originated from a tropical disturbance near the equator on 10 December, forming near the site of another low-pressure area that had dissipated on the previous day, entered the Philippine Area of Responsibility (PAR). The next day the system's intensity was raised to a low-end Category 1-equivalent typhoon. However, while approaching the Philippines, Rai unexpectedly and rapidly intensified into a Category 5 super typhoon.

Rai made first landfall on 16 December on Siargao Island, Surigao, and proceeded to make eight further landfalls across its path until 18 December when it left the PAR. Tropical cyclone warnings were issued and people living near coastal areas in the track of the storm were urged to evacuate. Food and non-food packages were prepared by the Philippines Department of Social Welfare and Development (DSWD) for the evacuees, along with standby funds worth nearly USD 15,000. Forced evacuations were conducted as Rai proceeded across the country, with some people in the Bicol Region being warned of possible lahar flows from Mount Mayon.

On 17 December the AHA Centre National Logistics Officer in the Philippines met with Mr. Bernardo Rafaelito R Alejandro, Director of Operations of the Office of Civil Defense (OCD) of the Philippines, to discuss the possibility of a potential support from the AHA Centre. The following day the AHA Centre called for an Emergency Response Operations (ERO) briefing involving relevant colleagues from the AHA Centre and the ASEAN Secretariat to share the latest developments of the impact of the typhoon and discuss the potential support from ASEAN. The briefing was attended by the Deputy Secretary-General of ASEAN for Socio Cultural Community H.E. Ekkaphab Phanthavong and representatives from the Disaster Management and Humanitarian Assistance Division.



### Summary of the Effects



The AHA Centre sent a Letter of Condolences indicating its readiness to support and coordinate with the National Disaster Risk Reduction and Management Council (NDRRMC) of the Philippines for potential regional support in line with the spirit of One ASEAN, One Response. The Secretary-General of ASEAN, H.E. Dato Lim Jock Hoi, also contacted the Secretary of Defense of the Philippines, H.E. Delfin Lorenzana, and emphasised that ASEAN stood ready to support the humanitarian and disaster relief efforts, as well as to help expedite the recovery work undertaken by the Government of the Philippines.

Three relief dispatches were made from 21-29 December from the Disaster Emergency Logistics System for ASEAN (DELSA) Satellite Warehouse in Camp Aguinaldo, Manila. These relief items were delivered to a Boeing 737 hired by the NDRRMC – OCD at Clark Airport and arrived at Butuan Airport for distribution to the province of Surigao. The next dispatches, the NDRRMC – OCD, in coordination with WFP Philippines for transport support, mobilised the remaining DELSA relief items to the regions most severely affected.



## COVID-19 relief

Responding to disasters during the COVID-19 pandemic has become more complicated as National Disaster Management Organisations (NDMOs) have had to provide assistance and deal with the pandemic at the same time.

In collaboration with Thailand's Department of Disaster Prevention and Mitigation (DDPM), the AHA Centre mobilised relief items as a response to the latest outbreak of COVID-19 in Samut Sakhon Province, Thailand.

Supported by the Government of Japan through JAIF, the relief items comprising 2,100 personal hygiene kits and 500 family tents, were mobilised from the DELSA satellite warehouse in Chainat, Thailand. As of 31 January 2021, four batches of items had been dispatched to two provinces, as well as directly to the Ministry of Public Health, Thailand. The first batch of

500 personal hygiene kits (PHK) was delivered to Nonthaburi Province on 4 January, and the second batch comprising 1,000 PHK was sent to Samut Sakhon Province, where more than 4,000 people mostly migrant fishery workers were under quarantine, on 8 January. A total of 50 family tents were also delivered to the Ministry of Public Health as part of the third batch of items on 11 January as well as on 30 January which was made up of 600 PHK that were sent to Nonthaburi Province. The last distribution of the items was on November 2021 to several respective areas.



[Click on images to download directly](#) 

The AHA Centre received cash contributions from Direct Relief to procure items to support COVID-19 operations in Malaysia, Thailand, and Viet Nam. The items included ICT equipment, personal protective equipment, thermal scanner, medical face masks, personal and infants' hygiene kits, and elderly and disable hygiene kits. These items would play a significant role in supporting the countries and their disaster-prevention offices during any disaster response amidst the pandemic.

The first distribution of the Temasek Foundation's reusable facemasks, which began in December 2020, continued during 2021 to ASEAN Member States and ASEAN entities amounting to 1.5 million reusable face masks. It is essential that disaster management agencies in ASEAN have the medical equipment to ensure safety during their responses in the pandemic.

**TO SUPPORT NDMOS' RESPONSE  
FIGHT AGAINST COVID-19**



A map of Southeast Asia with four locations highlighted by dashed lines. Each location has a hexagonal icon and a flag. The locations are: Thailand (top left), Philippines (top right), Malaysia (bottom left), and ANA Centre (bottom center). The ANA Centre icon features a red and yellow flame-like shape inside a blue circle.

## REUSEABLE FACE MASKS



## SATELLITE WAREHOUSE



### REGIONAL WAREHOUSE



## SATELLITE WAREHOUSE





## ASEAN Village launch

A series of strong earthquakes struck Central Sulawesi province in Indonesia in September 2018, creating a tsunami and triggering liquefaction. The triple disasters caused massive, widespread damage and loss of life and property, with 1.5 million people affected, 4,845 dead or missing, and 4,438 severely injured. The triple disasters were designated as catastrophic based on the AHA Centre's categorisation. With the shift to the recovery phase, the Government of Indonesia called for immediate action to rehabilitate and reconstruct, with a focus on building permanent housing.

Working directly with the relevant government authorities, the AHA Centre responded to the requests for assistance in the form of the ASEAN Village, permanent houses and facilities made possible by the contribution of the ASEAN Member States and partners, particularly the people of Brunei Darussalam and the Government of the Philippines. The project also received financial support from the Government of Australia and Direct Relief; both of which are long-time partners of the AHA Centre. In total, the ASEAN Village received a financial

contribution of over USD 1 million. The Village was built in Tondo, around 5km from Palu city centre, consisting of 100 permanent houses, one mosque, and one auxiliary health centre. The whole village is supported with public facilities such as a community street, drainage, clean water access, and electricity. The construction of the ASEAN Village started in August 2019. Under the first-phase construction, 75 units of permanent houses were administratively handed over to the local government in April 2020.



[Click on images to download directly](#)

CLICK HERE TO VIEW THE ASEAN VILLAGE VIDEOS:

- <https://youtu.be/oCn1-Oxsvol?t=3023> Official Launch of the ASEAN Village
- <https://youtu.be/-ZEHHgditaY> The ASEAN Village video

On 9 April 2021, the health centre built by a contribution from Direct Relief, through the AHA Centre, held its first activity, an integrated health service for children and babies. On the same day the mosque, built with the support of the people of Brunei Darussalam also held its first activity, Friday prayers. Then on 23 June the AHA Centre and the administration of Palu City officially launched the ASEAN Village. The launch was held in a hybrid arrangement, on-site in Palu with COVID-19 protocols in place, and virtually via zoom.

The Secretary-General of ASEAN H.E. Dato Lim Jock Hoi, joining the launch virtually from Jakarta, expressed his hope that the ASEAN Village would provide the people of Palu with an opportunity for a safe environment to recover from the destructive impact of the disaster and to resume their livelihood activities.

# ASEAN Village

## MOSQUE

- 
**127 m2** praying and ablution area
- 
**1,217.52 m2** site area
- 
 The first mosque in Tondo area
- 
 First activity on 9 April 2021 – Friday prayer
- 
 Total approximate capacity of 855 people
- 
 Main building approximate capacity of 155 people
- 
 Additional canopies initiated by the community – approximate capacity of 700 people

## AUXILIARY HEALTH CENTRE

- 
**94.10 m2** building area
- 
**961.63 m2** site area
- 
 The first healthcare facility in Tondo area
- 
 Equipped with medical tools and equipment
- 
 First activity on 9 April 2021, Posyandu for babies and children

## PERMANENT HOUSES



“I am pleased to note that the ASEAN Village is part of the new development design of the city of Palu, strategically located in close proximity to key social infrastructures including schools, healthcare facilities and markets”.

H.E. Dato Lim Jock Hoi  
The Secretary-General of ASEAN



## Myanmar response

In line with the implementation of the Point 4 of the “Five Point Consensus” on Myanmar agreed at the ASEAN Leaders’ Meeting on 24 April 2021, the two-pronged approach to operationalise the Point-4 have been developed and approved by the Governing Board of the AHA Centre in August 2021. The two-pronged approach comprising of Phase-1 (Life-Saving) or the provision of the immediate needs towards the COVID-19 response and mitigation and Phase-2 (Life-Sustaining) or the provision of the broader humanitarian needs.

The implementation of the Phase-1 commenced by the handed over of the USD 1.1 million worth of medical supplies and equipment from the Secretary-General of ASEAN at his capacity as SG-AHAC to the Myanmar Red Cross Society (MRCS) in support of that nation’s COVID-19 response and mitigation in a virtual ceremony held on 15 September 2021.

ASEAN’s Humanitarian Assistance to Myanmar was aimed at addressing the most pressing humanitarian needs of the people of Myanmar and the AHA Centre, as the operational lead, facilitated the delivery of the assistance, while the MRCS, as a local partner, supported ASEAN by facilitating the request for tax-exemption and customs-clearance. The MRCS also provided temporary storage and last-mile distribution of the medical supplies and equipment to the communities in need in Myanmar.



[Click on images to download directly](#)

The Executive Director of the AHA Centre and representatives of ASEAN Member States as well donor countries and partners, attended the virtual handover. It was the first result of the ASEAN Humanitarian Assistance to Myanmar that was previously promised at a Pledging Conference hosted by the ASEAN Secretary-General.

The Pledging Conference, held on 18 August 2021, raised the equivalent of almost USD 8 million in monetary pledges and in-kind contributions of

medicine, medical supplies and equipment to assist Myanmar in containing the spread of COVID-19 virus. At the conference, Dato Lim Jock Hoi had called for a strong show of support for the people of Myanmar in the spirit of One ASEAN, One Response. The support subsequently handed over to the MRCS was a concrete manifestation of this spirit, provided as it was by the governments of Indonesia, the Philippines, Singapore, Thailand and Turkey and Temasek Foundation International.



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# DISASTER INFORMATION MANAGEMENT

As the coordinating centre and emergency response in the region it is essential that the AHA Centre monitors threats and ongoing disasters and collects, analyses and provides the relevant data to support key players in disaster management in a timely manner. To achieve this the Centre is continually developing inter-connectivity among hazard-monitoring platforms both at a global and regional level and incorporates the relevant information into the AHA Centre's information platforms.

There are several key platforms that the AHA Centre uses in its disaster information management strategy. Most notably is the ASEAN Disaster Information Network (ADINet), which is a repository of information concerning hazards and disasters that have happened in the region to which the AHA Centre can add new information when relevant and as necessary. ADINET has been recording disaster information in the region since the AHA Centre became operational in 2012.

The ASEAN Disaster Monitoring and Response System (DMRS) was designed in partnership with the Pacific Disaster Center (PDC), with the support of the Government of the United States of America. DMRS receives constant information feeds from the PDC system showing real time information of the hazards in the region as they happen, as well as hydrometeorological data, such as wind direction and speed, clouds, sea temperature, etc.

The Web Emergency Operations Centre (WebEOC) is an online-based platform to facilitate coordination and exchange of information among the Member States during emergency response. Member States can monitor the situation on the ground, based on the information fed by the relevant NDMO, as well as the AHA Centre field teams. The WebEOC is only activated when a disaster happens. Meanwhile DAKO is a platform for data collection, survey and analysis to assist rapid damage and needs assessment, which is used by the AHA Centre especially during emergency response operations.



Disasters by  
the Number in 2021



ADINet and DMRS



AIM-Net and NDPBA





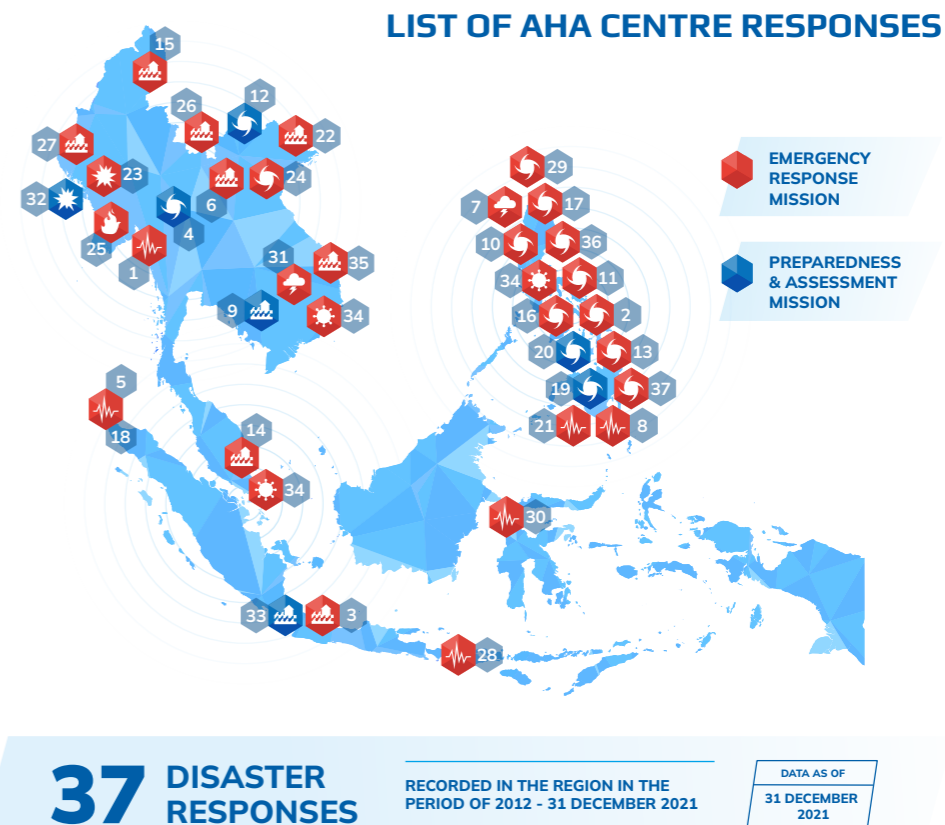
## Disasters by the Numbers in 2021

Of the total number of disasters, Indonesia recorded by far and away the highest number with 1,047, followed by the Philippines with 146, Thailand (90), Viet Nam (56), Cambodia (27), Malaysia (26), and Myanmar and Lao PDR with seven each. Neither Brunei Darussalam nor Singapore recorded any disasters during this period. This amounted to an average of four disasters resulting in three deaths, 44 people injured, and 11 missing per day. A total of 23.24 million people were affected by disasters in 2021, with 2.26 million displaced. Some 2.67 million homes were damaged in these disasters and losses of USD 814.8 million were caused.

ASEAN remained extremely susceptible to disasters, especially of the hydrometeorological type. Flooding remains the most prevalent form of disaster accounting for 62%, with wind accounting for 14%, landslides (11%), storms (8%) and earthquakes, volcanoes and drought accounting for the remainder. Despite Indonesia recording the greatest number of disasters for the region at 66.88%, the Philippines

recorded the most significant share of affected persons in the region at 50.86%.

In comparison with the five-year average, disaster occurrences were 4.5 times higher in 2021 and the numbers of affected people have continued to increase.

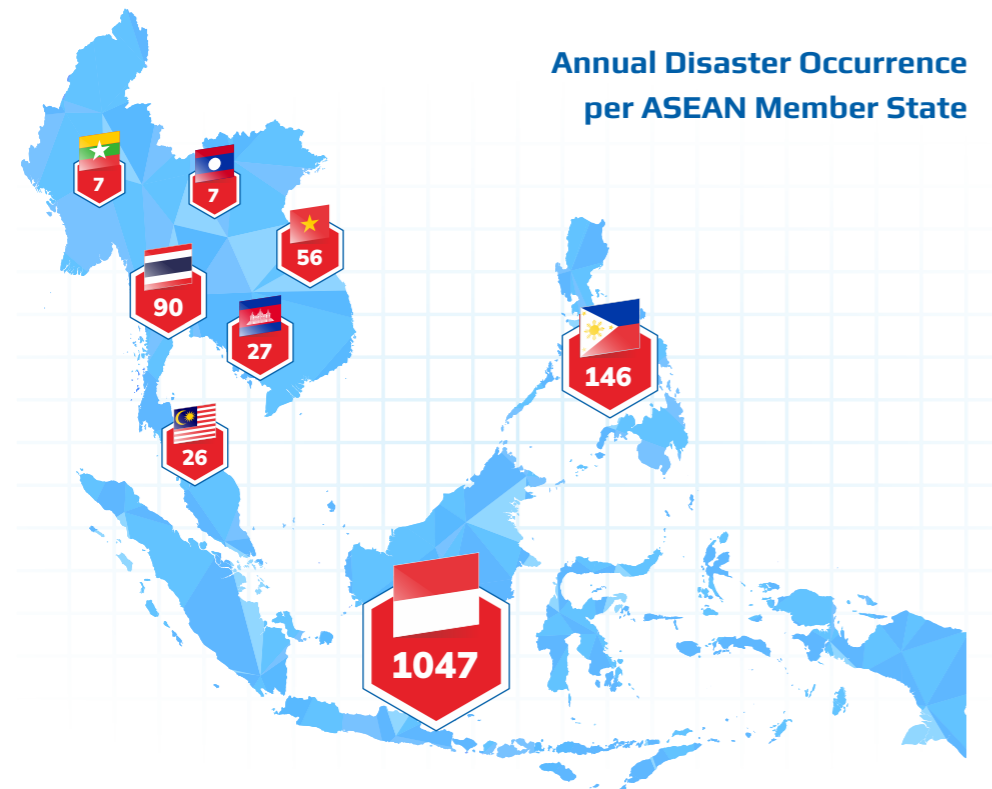


### Overall record in ASEAN throughout 2021



The trend in disasters in the region in the 10 years of the AHA Centre's existence has been remorselessly upwards with a total of 3,708 disasters recorded during this period affecting almost 192 million people. Earthquakes accounted for the largest number of fatalities at 2,456 but floods and storms affected the highest numbers of people with 23.7 million and 23.5 million people, respectively. Floods also displaced the largest number of people at 2.68 million and damaged 1.17 million homes. Wind (tornadoes, tropical cyclones) caused the most damage in US dollar terms at USD 7.25 billion.

## AHA CENTRE, DISASTERS BY THE NUMBERS 2021

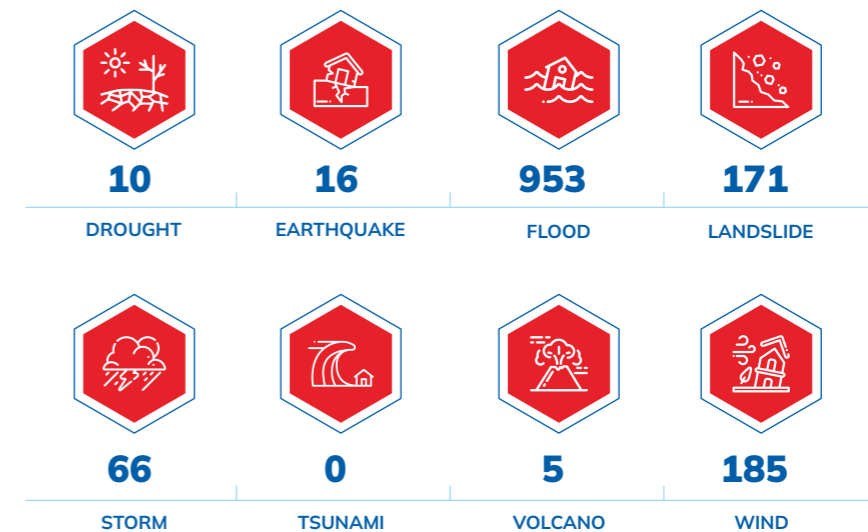


**1406**  
RECORDED DISASTERS

Indonesia remains to be the member state with the greatest number of reported disasters with Philippines in 2nd and Thailand in 3rd

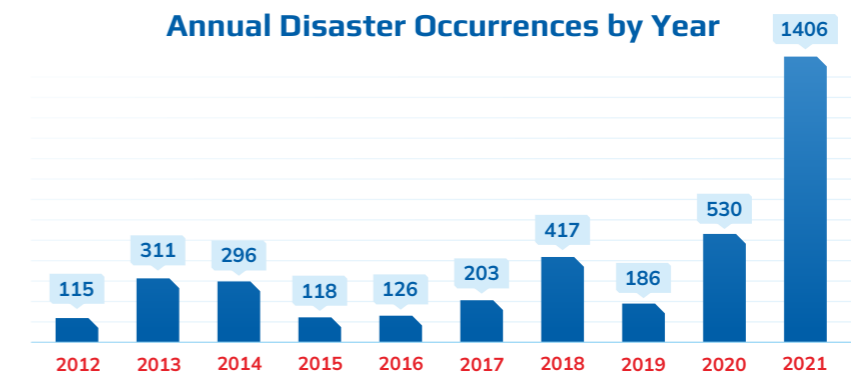
The period of monitoring for 2021 is from 30 December 2020 until 2 January 2022

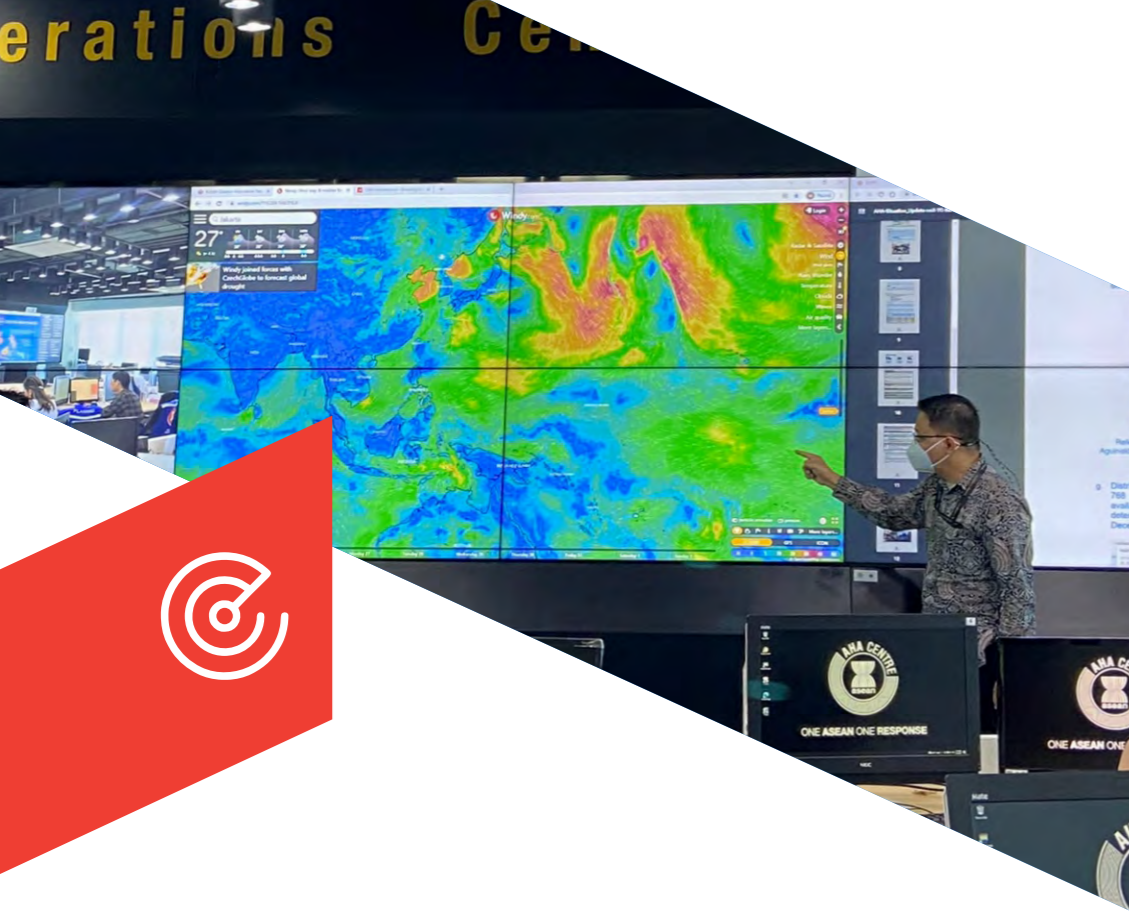
### Annual Disaster Occurrence per Hazard



The period of monitoring for 2021 is from 30 December 2020 until 2 January 2022

### Annual Disaster Occurrences by Year



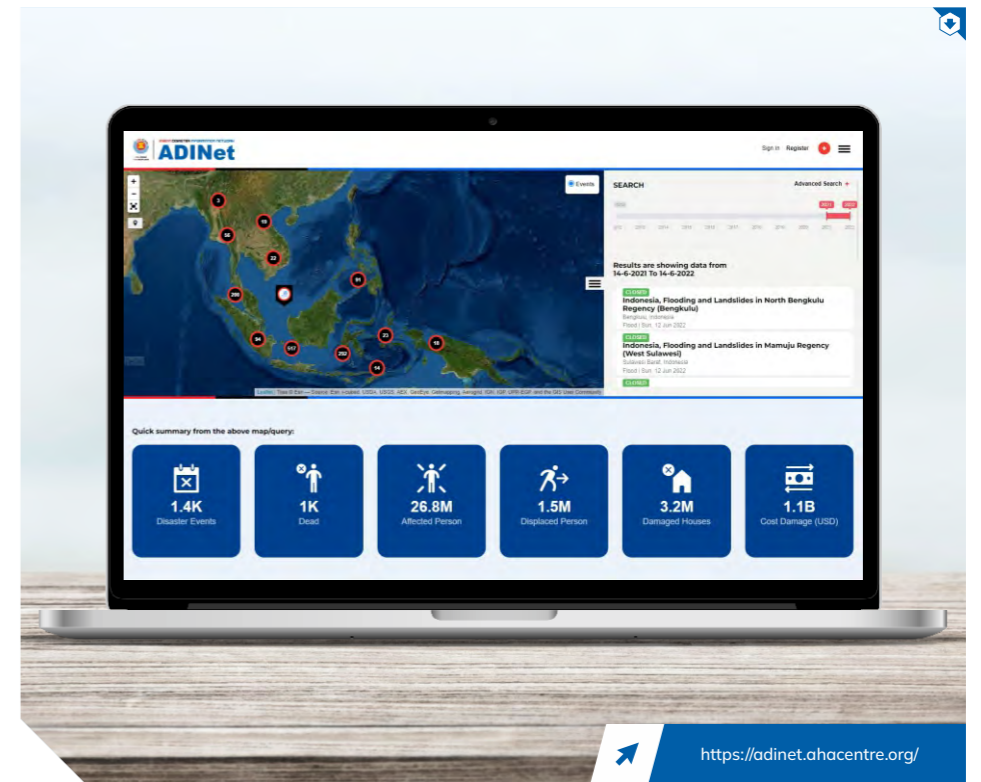


## ADINet and DMRS

In order to provide the most rapid and best-targeted response to any disaster in the region, it is essential that the AHA Centre has access to accurate and up-to-date data and information. ADINet is at the core of the AHA Centre's disaster information management system and among the disaster monitoring tools used by the AHA Centre is DMRS.

ADINet provides the necessary disaster information data to the DMRS for further monitoring and analysis and to the WebEOC as a platform for coordination and exchange of information among the Member States during an emergency response. Disaster data will have a specific AHA Centre Disaster ID (AHADID). DAKO works as a tool for data collection. The results from DAKO can be shared with the WebEOC for it to perform its role as an exchange of information platform among the Member States.

Regarding the AHA Centre data management tools and platforms, in 2021 the AHA Centre finalised and launched the new version of ADINet. This incorporated improvements in disaster information management, including an enhanced database structure, and database interoperability with other tools/systems; visualisation and analytics, with an automated map and the implementation of Big Data to provide statistics on hazards and disasters; the application programming interface (API) feature for



<https://adinet.ahacentre.org/> 

integration and interoperability with other AHA platforms and systems; the knowledge hub including journal articles, publications, knowledge products on hazard and disaster management, best practices, climate change impacts, data analysis methods etc; monitoring including web scraping for relevant hazard and disaster information; and modular capability making it convenient for future developments to be put into place for continuous improvement. The capacity of DMRS to capture data from several agencies of the Member States, regional bodies and other internal data sources was also improved and the new version of ADINet was integrated with DMRS and the WebEOC.

The AHA Centre Duty Officer roster for 2021 was operationalised including training, manuals and a post-duty survey. The National Disaster Preparedness Baseline Assessment (NDPBA) was finalised and published for Indonesia, the Philippines and Viet Nam.



## **AIM-Net and NDPBA**

The AHA Centre Information Management Network (AIM-Net), through the support of the Swiss Agency for Development and Cooperation (SDC) and the European Union (EU), was formally established and launched in February 2021.

Aimed at strengthening Disaster Information Management and Information Systems Interoperability capacities, capabilities, and practices of Emergency Operations Centres at the national and regional level, AIM-Net is aligned with the ASEAN Agreement on Disaster Management and Emergency Response (AADMER) Work Programme 2021-2025 and the AHA Centre Work Plan 2025.

Co-chaired by BNPB Indonesia and NDRRMC Philippines, AIM-Net has developed the ASEAN Disaster Information Management Strategic Framework, which aims to guide ASEAN Member

States and the AHA Centre in the management and use of information in all phases of disaster management. Further, AIM-Net also conducted two knowledge and experience sharing webinars—by NDMO Lao PDR and DDM Myanmar. The next stage for the AIM-Net is the development and operationalisation of its Work Plan.

Meanwhile, the National Disaster Preparedness Baseline Assessment (NDPBA) is now complete and available for three AMS—Indonesia, the Philippines, and Viet Nam.



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ONE ASEAN  
ONE RESPONSE

## KNOWLEDGE AND OUTREACH

As the worldwide transition from in-person to online began to swing, incrementally, back to in-person in 2021, the AHA Centre's dedicated team once again rose to adapt to the challenges faced and used innovative methods to get their message across and reach out to ASEAN and the wider world. Using every available means of information technology and in alliance with government and private sector partners, the AHA Centre harnessed innovation to ensure it continued to play its crucial role as a regional leader in facilitating the development of knowledge, including the exchange of expertise, and influencing and disseminating best practices and lessons learned in disaster management.

3

AHA Centre at  
the Crossroads  
podcast series



ACE Programme  
Batch Seven



HELIX



AHAckathon  
competition



Online  
engagement



The Column



## AHA Centre at the Crossroads podcast series

The AHA Centre, with support from Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ), worked to broaden its communications and outreach, including on social media. One of the results of this cooperation was a series of podcasts released in mid-2021. The podcast series entitled “AHA Centre at the Crossroads” involved discussions with the AHA Centre’s founders, builders, colleagues and partners, and discussed the AHA Centre’s 10-year journey from inception to transition. The guests described their experiences in working together with the Centre and expressed their hopes for the future in the next decade of action.



### 1<sup>st</sup> episode

In the first episode entitled Conversations Between the AHA Centre’s Leaders Part 1: Red Ferrari and Tesla Model X Mr. Said Faisal who led the AHA Centre between 2012 and 2016 and then-AHA Centre Executive Director Ms. Adelina Kamal talked about how disasters shaped them in leading the AHA Centre, as well as their hopes for the future. Ms. Adelina invited a surprise guest who shared how it felt to work with the AHA Centre and the adjustments made during the transition between their leadership terms. They also determined which one was the red Ferrari and which one the Tesla X.



### 2<sup>nd</sup> episode

In the second episode, Part 2 of the Leaders’ Conversations, the two former leaders invited another guest, Mr. Oliver Lacey-Hall, who used to be a close partner with the AHA Centre within the United Nations and who remains a good friend. Oliver recounted his experiences in collaborating with the AHA Centre from its inception, the importance of coffee chats in building their relationship and how he felt the Centre could keep up with the triple threats currently facing the region.



### 3<sup>rd</sup> episode

Episode three, Conversations with a Humanitarian Giant the IFRC Part 1: Why the Giant needs to work with a humanitarian teenager like the AHA Centre, saw Mr. Jan Helfand the Head of the International Federation of Red Cross and Red Crescent Societies’ (IFRC) Country Cluster Delegation for Indonesia, Timor-Leste and Representative to ASEAN, chat with Ms. Adelina exploring the complementarity between the IFRC, a humanitarian giant with over 100 years of experience and the 10-year-old AHA Centre and why the two need to work together. Among issues discussed in this episode were localisation and what could be done together by both organisations to save lives and change minds.



### 4<sup>th</sup> episode

Part 2 of Humanitarian Giant formed the fourth episode and dug deeper into potential areas of cooperation between the IFRC and the AHA Centre. The episode discussed what was needed to strengthen the humanitarian coordination muscles in view of the current and future threats. Mr. Helfand also got the chance to ask Ms. Adelina about her hopes for the future and the legacy she wished to leave behind as she prepared to leave her post as Executive Director of the AHA Centre.



### 5<sup>th</sup> episode

Episode five of the podcast series, Transitions: The Intersecting Past and Future, welcomed Mr. Lee Yam Ming the newly appointed Executive Director of the AHA Centre to discuss what the future holds in store for ASEAN’s primary disaster management agency in this time of transition.



The “AHA Centre at the Crossroads” podcast series is available for download from Spotify.

<https://open.spotify.com/show/25pk00Jmchs8FGTi88CfKd>

## ACE Programme Batch Seven

In July 2021, the AHA Centre belatedly welcomed Batch Seven of the participants in the AHA Centre Executive (ACE) Programme. Batch Seven comprised 21 future leaders in disaster management in the region, with two from Brunei Darussalam, one from Cambodia, two from Indonesia, three from Lao PDR, two from Malaysia, two from Myanmar, four from the Philippines, one from Singapore, and two each from Thailand and Viet Nam; of the participants 11 were female.

Over the six previous batches the ACE Programme has been a great success, based on an impact evaluation study, approximately 61% of the total graduates have since been promoted to a higher position or have had a wider job scope since completion of the ACE Programme.

However, in 2021 like so much of the rest of the world, Batch Seven of the programme was affected by the global COVID-19 pandemic. The pandemic did not, however, prevent the AHA Centre from improving and redesigning the delivery of this programme. With support from the Japan-ASEAN Integration Fund (JAIF) and various other partners, the training of Batch Seven of the ACE Programme was conducted in blended mode. The online training kicked off on 28 July, and the onsite part of the programme was expected to commence in the second quarter of 2022.

The cornerstone of the programme lay in the interaction among peers during the six-month duration. It was not an easy decision to convert the ACE Programme into an online setting. Over six years the programme had been delivered face-to-face to build a strong relationship among disaster managers across the region. Now given the challenging conditions in the world, the AHA Centre was forced to be creative and to do things differently. The team went through back-to-back consultations with the project steering committee and NDMOs, as well as training partners, weighing all options available without sacrificing the learning objectives. The framework and curriculum remained the same, however, the learning approach was switched to a Flipped Classroom, where the class was mainly used for discussions, rehearsals and clarifying information.

Subsequently, the team sought the most suitable online learning infrastructure to cater to the needs of the ACE Programme. The participants engaged in all ACE Programme courses via the AHA Centre Learning Management System. To understand the effectiveness of the ACE Programme, each participant's learning progress is measured. The courses

## ACE Programme Batch 7 Facts:



are delivered bearing in mind the holistic development of knowledge, skills, behaviours and attitudes required to become a leader in disaster management. The courses under each competency area contribute to developing these aspects in an integrated manner. Participants' learning progress during the course is assessed using both qualitative (observation) and quantitative methods (tests or graded group activities). The main purpose for using a grading system is for the AHA Centre to determine whether all participants are learning at the appropriate pace in the course. The gradation will be used as well to assess the effectiveness of teaching methods and how many of the participants progressed substantially in each course.

On 6 August 2021, a virtual ceremony for the ACE Programme Batch Seven was held to officially welcome the 21 future leaders in disaster management in ASEAN. The event was well-attended by high-level dignitaries from the Member States, the ASEAN Secretariat and ASEAN Dialogue Partners. Commissioner Mr. Eric Yap from the Singapore Civil Defence Force; H.E. Akira Chiba, Ambassador of Japan to ASEAN; H.E. Kung Phoak, Deputy Secretary-General of ASEAN for the ASEAN Socio-Cultural Community along with Ms. Adelina Kamal, the then-Executive Director of the AHA Centre all delivered their opening remarks to officially launch the programme.

## Humanitarian Emergency Logistics and Innovation Expo (HELiX)



In this rapidly changing world and in the face of the challenges presented by the Fourth Industrial Revolution (Industry 4.0) when so much seems to be in transition; innovation and how to adapt to innovation are key elements in any management strategy, especially in relation to disaster management. This is particularly so as we learn the lessons of two years of the global COVID-19 pandemic. Knowledge, engagement and collaboration are essential in actualising and executing innovative ideas.

In this spirit and with the aim of capturing new and emerging innovations in the field of humanitarian logistics, provoking insights and constructive discussions, as well as being a convergence between innovators and potential users, the AHA Centre held the Humanitarian Emergency Logistics and Innovation Expo (HELiX) virtually from 24 to 25 May 2021.

The expo was organised by the AHA Centre in cooperation with the Viet Nam Disaster Management Authority (VNDMA). HELiX, the first such event held by the AHA Centre, was a testament to the flexibility and resilience of the AHA Centre and VNDMA staff who worked diligently to prepare the expo. HELiX was a welcome step in the AHA Centre's 10th anniversary year, in its ongoing journey as the premier regional disaster response authority in Southeast Asia

In the expo, HELiX supported by the Temasek Foundation, the UPS Foundation and Angel Investment Network Indonesia (ANGIN) successfully

united almost 100 diverse speakers from humanitarian logistics actors and institutions, who ranged from academia and NDMOs to government and intergovernmental organisations, as well as from the private sector. They delivered 21 focus session talks and two keynote speeches in the plenary sessions. Some 21 companies and institutions took part in the virtual international exhibition along with almost 1,000 attendees in total from around the world.

HELiX started as a part of the DELSA Phase II project. Initially, the concept of HELiX was as simple as providing a discussion forum for logistics experts in ASEAN. However, the AHA Centre saw an opportunity to maximise HELiX into a marketplace for ideas to support the improvement of humanitarian logistics in the region, bringing in experts from both the commercial and non-commercial sectors. What started as a simple idea about a forum turned into the most ambitious virtual series of events conducted by the AHA Centre to date.



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### HELiX 2021



# iPitch competition



One of the newly included ideas was iPITCH, an innovation pitching competition aimed at promoting innovations to solve the humanitarian logistics challenges of Member States. The idea for iPITCH originated from pitching competitions conducted by investors or technology companies for new and emerging start-ups.

Similarly, the AHA Centre intended to use HELiX as an opportunity to select the best innovations in humanitarian logistics and introduce them to a broader audience of potential users and investors. iPITCH also adopted three start-up stages of innovation – Ideation, Prototype and Scale-up - as categories in the competition. What made iPITCH unique was that the ideas submitted should answer challenges in the ASEAN region in terms of humanitarian logistics and supply-chain management.

The process of iPITCH started with a call-for-ideas for innovators from the ASEAN region and beyond. The AHA Centre then invited eight selected ideas to be presented in the Final Pitch on 25 May 2021. The

innovators of the eight selected ideas came from academic and research institutions, humanitarian organisations and the private sector. On the panel of judges were representatives from Member States, the Government of Japan as a donor for the DELSA Phase II project, ANGIN and the Temasek Foundation as supporting partners of HELiX, as well as the AHA Centre.

From the eight pitches, the competition was narrowed down to three ideas selected as winners in the Final Pitch. Fleet for Emergency from FleetHelp, a software engineering company based in Indonesia, won the Opal Award as the winner in the Ideation category. The team described Fleet for Emergency as an integrated platform that aims to effectively





manage and maximise the speed of emergency fleet operations. The platform uses descriptive and predictive analysis to assist humanitarian organisations in managing and facilitating relief aid distribution.

Next, winning the Sapphire Award in the Prototype category was the team from the Asian Institute of Management (AIM) with their idea titled the Padayon Donation Matching App. Initiating from the team's first-hand experience during the eruption of the Mount Taal volcano in the Philippines in January 2020, the application aims to help the management of donations by connecting donors with the deserving recipients during emergencies, in order to avoid discrepancies in donation distribution. This idea also won for the AIM the audience's vote and they took home the Diamond, or Community Choice, Award.

Last but not least was the Logistics Institute Asia-Pacific (TLIAP GO) from the National University Singapore (NUS) with their idea THINKLog - Humanitarian Logistics Mode, which won the Ruby Award as the winner in the Scale-up category. ThinkLog is a board game designed as an expandable interactive learning framework for logistics and supply-chain management. As a learning framework, the game is developed to cover different scenarios, concepts and challenges in logistics. The game aims to complement teaching and learning activities in classrooms and workshops by introducing supply-chain management concepts through role-playing and simulation.

Despite the success of HELiX, much remains to be done. Problem identification was achieved, as was sharing and recognising innovative solutions. Developing a concrete action plan by Member States, remains a work in progress. The goal of HELiX was that the outcomes would feed into the new phase of the ASEAN Humanitarian Logistics Roadmap. This would be a mark of the success of the expo. Bonds and networks flourished during HELiX, the indomitable spirit of the AHA Centre staff who provided an unforgettable virtual experience in the time of COVID-19 must be recognised, but HELiX was only the beginning, seeing the visible and tangible innovative solutions at work in the 10 ASEAN Member States will be the ultimate mark of success of the expo.



			
RUBY AWARD Scale-up Stage	SAPPHIRE AWARD Prototype Stage	OPAL AWARD Ideation Stage	DIAMOND AWARD Community's Choice
<p>”</p> <p><b>THINKLog - Humanitarian Logistics Mode</b></p> <p>”</p>	<p>”</p> <p><b>Padayon Donation Matching App</b></p> <p>”</p>	<p>”</p> <p><b>Fleet for Emergency</b></p> <p>”</p>	<p>”</p> <p><b>Padayon Donation Matching App</b></p> <p>”</p>
<p><b>TLIAP GO,</b> the Logistics Institute Asia-Pacific, National University Singapore (NUS)</p>	<p><b>Team Padayon,</b> Asian Institute of Management (AIM)</p>	<p><b>FleetHelp</b></p>	<p><b>Team Padayon,</b> Asian Institute of Management (AIM)</p>

# AHACKATHON competition







A major component of HELIX 2021 was the AHackathon competition. The hackathon was an exciting new concept for the AHA Centre and was launched as an effort to engage more students, young people and professionals in the process of producing innovations to support humanitarian logistics and supply-chain management for the ASEAN region. But what exactly is a hackathon?

To “hack” means to crack a problem or discover its solution. In information technology, it has the connotation of breaking into security systems. Hackathons are competitions designed to do the first. Hackathons are really about exploring new solutions to old problems in the traditional non-tech-based sense – that is looking at business processes (in this case, development processes) and how these can be more appropriate, more responsive, more impactful.

The AHackathon was staged in partnership with the Viet Nam Disaster Management Authority and in cooperation with HELP Logistics, Impact Week and launchLabs. The event was supported by the Government of Japan through JAIF.

AHackathon participants had to propose software or application-based solutions for identified problems in humanitarian logistics. The teams had 48 hours to work and finish the software or application. Representatives of the ASEAN Member States and from universities and other humanitarian partners acted as judges of the competition.

The purpose of the AHackathon was to promote innovative solutions and collaboration to support the improvement of humanitarian logistics for the Member States and humanitarian communities in the ASEAN region in the hope that the competition would trigger more creative ideas to solve the problems identified in relation to many components of the humanitarian logistics and supply-chain management process in the region.

 <b>RUBY AWARD</b> 1st	 <b>SAPPHIRE AWARD</b> 2nd	 <b>OPAL AWARD</b> 3rd	 <b>DIAMOND AWARD</b> Community's Choice
<p>”</p> <p><b>SMART-ADRA</b> integrated platform for aid request, data analysis, and logistics planning</p> <p><b>Team Malaysia</b></p>	<p>”</p> <p><b>Logistic calculator and collaborative planning app</b></p> <p><b>Reksa Mandala</b></p>	<p>”</p> <p><b>ResQ, data aggregation and analysis app and hotline for disaster reporting and situation update</b></p> <p><b>ResQ</b></p>	<p>”</p> <p><b>Website and app for crowdsourced disaster mapping, data aggregation, and visualization</b></p> <p><b>LQDTU</b></p>



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The competition was open to students, amateurs and professionals. In the belief that a complex problem requires collaborative effort, individuals and teams could come from different disciplines to work together to unpack the problems and provide solutions. The competition was held virtually from 8-10 October, 2021.

The organisers had a simple programme for the AHackathon when they started to plan the event. The idea was to set the rules and parameters, launch the clock, check-in with the teams, then wait 48 hours to complete and collect the final entries. The game changer was when HELP Logistics introduced Impact Week and launchlabs. That changed the way the AHackathon was organised for the better.

Through AHackathon, more than 50 students and professionals who knew nothing about humanitarian logistics, came together, some of them meeting for the first time, and within 48 hours came up with apps to solve the HELIX design challenges. The hackers put their heart and soul into what they were doing to

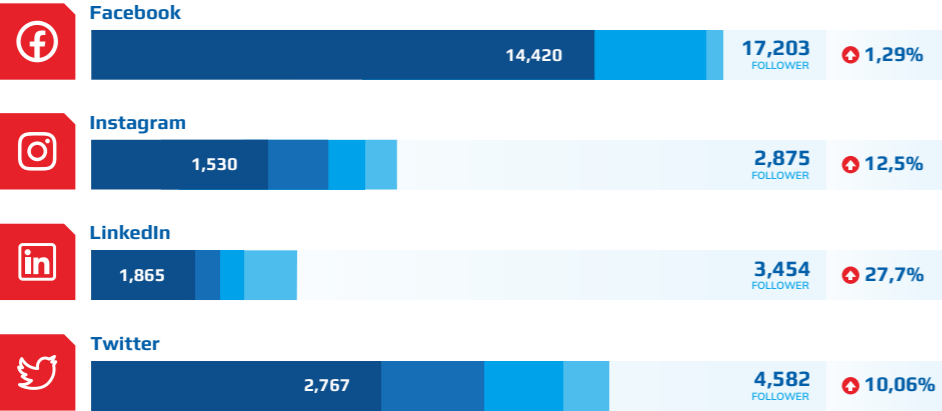
help the humanitarian community and disaster-at-risk communities to have the tools accessible to them to make better decisions and to be more resilient.

The problem-solving process would not have been a success without the mentors and experts who shared their knowledge and experience in humanitarian logistics. Part of the Design Thinking process is to interview users and experts. This subgroup in AHackathon included those experts on the topics that the teams were working on, as well as community leaders, decision-makers and user groups – those who have experienced disasters and/or are the target users of the apps themselves.

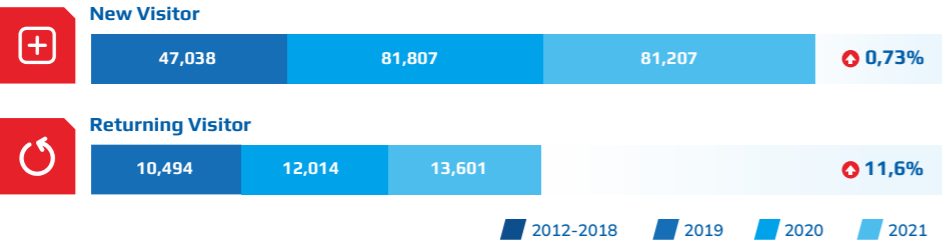
Kudos to the seven teams who devoted their time, energy, creativity and experience, they were the protagonists and main ingredients in the success of AHackathon. The winners were Team Malaysia with their Smart ADRA app; Reksa Mandala with their Logistics Calculator app; and ResQ with their ResQ app. LQDTU Lighting received the Communities Choice award.

# Online engagement

## SOCIAL MEDIA



## WEBSITE



In terms of online engagement throughout 2021, in line with previous years the AHA Centre saw a steady increase in activity on all its social media platforms as well as on its main website. In this day and age, and especially as a result of the transition to working from home (WFH) and hybrid learning, it is not enough that organisations print reports and issue statements, to be fully engaged it is essential that they participate in all forms of online activity and on all platforms. The AHA Centre, with its plugged-in staff, recognises this and makes every effort to avail of all means of communication and social media interaction.

# The Column



Click on each edition to visit The Column directly

During 2021, the AHA Centre continued to produce The Column as a monthly newsletter. The Column firmly established its place as a high-quality source of information on disaster management in ASEAN. It kept the region's disaster managers and other interested parties informed and engaged on the AHA Centre's activities. A new edition was published every month for the year, and continued to see increases in readership numbers in its online, accessible microsite form.

READ THE COLUMN HERE: <https://thecolumn.ahacentre.org>



ONE ASEAN  
ONE RESPONSE

## RESOURCE MANAGEMENT

The management of resources is one of the four core functions of the AHA Centre. In 2021 the AHA Centre in collaboration with its partners sought to ensure the continued efficient management and effective mobilisation and provision of assets and assistance to Member States in response to disasters within the region, and once again it had to do so against the background of the ongoing COVID-19 pandemic.

4

MoU and MoI with  
DDPM Thailand and  
Temasek Foundation

ASCEND Programme

DFAT Project

ASEAN-ERAT

ICT Phase IV

ToT Myanmar  
Capacity  
Building



## MoU and Mol with DDPM Thailand and Temasek Foundation

On 8 June 2021 the AHA Centre signed two agreements designed to strengthen disaster management in the region during the AADMER Partnership Conference (APC), which was held virtually. As the primary regional coordinating agency in disaster management in the region, the AHA Centre in cooperation with the Department of Disaster Prevention and Mitigation (DDPM) of the Ministry of Interior of the Kingdom of Thailand will work together to ensure the speed, efficiency, and scale of an ASEAN response in the Indo China region.

The Memorandum of Understanding (MoU) signed between the AHA Centre and DDPM Thailand was for the establishment of a DELSA satellite warehouse in Chainat, Thailand to house the ASEAN stockpile for immediate deployment in the neighbouring countries of Cambodia, Lao PDR, Myanmar, and Viet Nam.

The DELSA satellite warehouse in Chainat, along with its sister in the Philippines and the regional stockpile in Subang, Malaysia, has been an integral part of ASEAN's collective response. The AHA Centre and DDPM Thailand have worked closely in fully operationalising the DELSA warehouses and also in the actual deployment of relief items to support the COVID-19 response in Cambodia and Thailand both in 2021 and 2020.

JAIF and the Government of Thailand have contributed to renovating the satellite warehouse. The Government of Japan and Government of Switzerland through the SDC have assisted in the provision of relief items in Chainat. The value of the relief items at the DELSA warehouse currently stands at more than USD 1.1 million. The DELSA warehouse in Chainat will also serve as a platform for other partners and the wider ASEAN community in contributing to the vision of One ASEAN, One Response.



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The MoU was signed by the Director-General of DDPM Thailand Mr. Boontham Lertsukekasem and the then-Executive Director of the AHA Centre Ms. Adelina Kamal. The establishment and operationalisation of the satellite warehouse in Chainat is in line with the Roadmap for Enhancing ASEAN Emergency Logistics, which aims to advance ASEAN's long-term vision of achieving a faster response and stronger coordination, as well as providing more resources in collective responses.

The AHA Centre also signed a Memorandum of Intent (Mol) with Singapore's Temasek Foundation on cooperation and exchange of expertise in the field of disaster management and emergency response in the ASEAN region. The cooperation is aimed at assessing risks and to improve the readiness to respond, and to build platforms for information exchange and the coordination of logistics.

The Mol was signed by the Chief Executive of Temasek Foundation International, Mr. Benedict Cheong and Ms. Adelina. The Mol takes the partnership of the AHA Centre and Temasek Foundation to the next level with a greater exchange

of information and more meaningful collaboration and will enhance the scope for greater collaboration and coordination in disaster response among the many stakeholders in ASEAN in building crisis-resilient communities in the region.

The AHA Centre's collaboration with the Temasek Foundation started during the response to the Central Sulawesi triple disasters in 2018, and continued with the Temasek Foundation donating water filtration kits and 1.5 million reusable masks through the AHA Centre, as well as the Foundation being one of the partners in the HELiX Expo in 2021.

The Mol between the Temasek Foundation and the AHA will enhance the collective response to disasters in ASEAN. They will be working together in humanitarian assistance and disaster relief to assess risks, to improve the readiness to respond, and to build platforms for information exchange and coordination of logistics and together will enhance institutional capabilities and leadership in these areas and build more crisis-resilient communities in the ASEAN region.



## ASCEND Programme

Progress continued to be made in 2021 in the ASEAN Standards and Certification for Experts in Disaster Management (ASCEND) programme, which was launched on 22 September 2020. ASCEND is an initiative by the ASEAN Member States to enhance the quality of human resources in disaster management by establishing a common set of standard skills and competencies, along with their validation process. The ASCEND programme targets disaster management professionals in the region who are working in government institutions, NGOs and the private sector. Disaster management institutions/organisations will be able to use ASCEND competency standards as a credible reference to guide the development of their training programmes. In 2021, the focus of the ASCEND programme was on preparing all technical documents, communications materials and IT systems needed for a smooth pilot certification assessment process.



### ASCEND Baseline Study

This study was aimed at better understanding the context and landscape of ASCEND implementation and examine what is available in the respective Member States that could support the ASCEND pilot implementation and the scaling-up process later on. Data was collected from both secondary and primary sources. Between April and September 2021, primary data was collected through semi-structured interviews with NDMOs, Disaster Management Departments, National Professional Certification Agencies, ASEAN Secretariat, the AHA Centre, the donor (Republic of Korea), UN Agencies and international NGOs through the AADMER Partnership Group (APG). Secondary sources included the ASCEND programme documents and records from AHA Centre, ASEC DMHA and Market Integration Directorate.



### ASEAN Occupations Mapping in Disaster Management

The ASEAN Occupations Map in Disaster Management aims to provide a comprehensive overview of occupations commonly found in the disaster management sector across the Member States. This document will become a reference for professionals, training institutions, certification bodies, and authorities when they contribute their efforts to the availability of competent and professional human resources in the disaster management sector. In November 2021, the draft document was circulated to all ARG members to obtain comments and inputs.

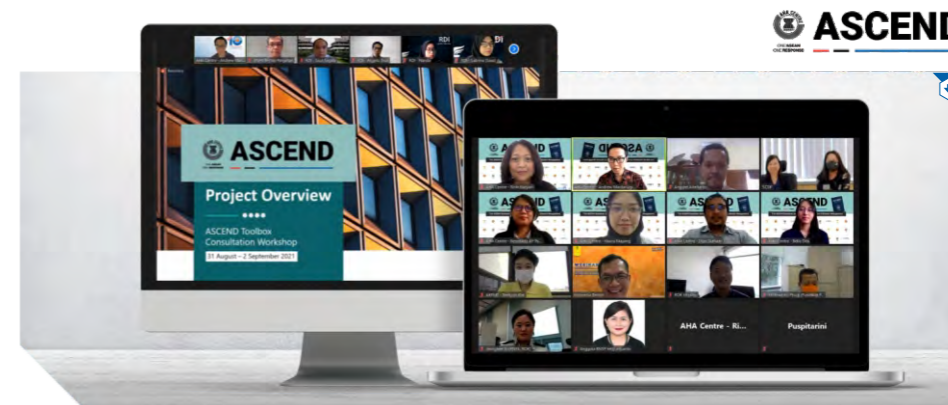


### ASCEND Toolbox and Certification

To operationalise the ASCEND Framework and prepare for the pilot certification based on the agreed ASCEND Competency Standards, the ASCEND project management team, developed various documents throughout 2021 to serve as a reference that provides assessors, trainers, candidates, and relevant institutions with comprehensive guides to take part in the ASCEND process. The ASCEND Toolbox Consultation Workshop was conducted online from 31 August 2021 to 2 September 2021 to engage the AHA Centre partner organisations in dialogue about ways to improve the first draft of the Learner and Trainer Guides, the second Toolbox Consultation Workshop was held with ASCEND Reference Group representatives from nine Member States on 26-27 October 2021.

In June 2021, the AHA Centre engaged CERTEMY, a software firm specialising in a certification management system, to configure certification according to the ASCEND standard operating procedures and certification schemes and will support the certification process from registration to certification maintenance. In addition, the system will also function as the ASCEND certified disaster professionals' database.

In mid-June 2021, the ASCEND team started the development of multimedia and communications products to design a template to be used by the ASCEND Toolbox documents. The final version of the Toolbox documents is expected to be finished by mid-January 2022. Parallel with the final review and design of the Toolbox documents, the ASCEND project management team developed a dedicated microsite that will serve as a communication outlet to the public.



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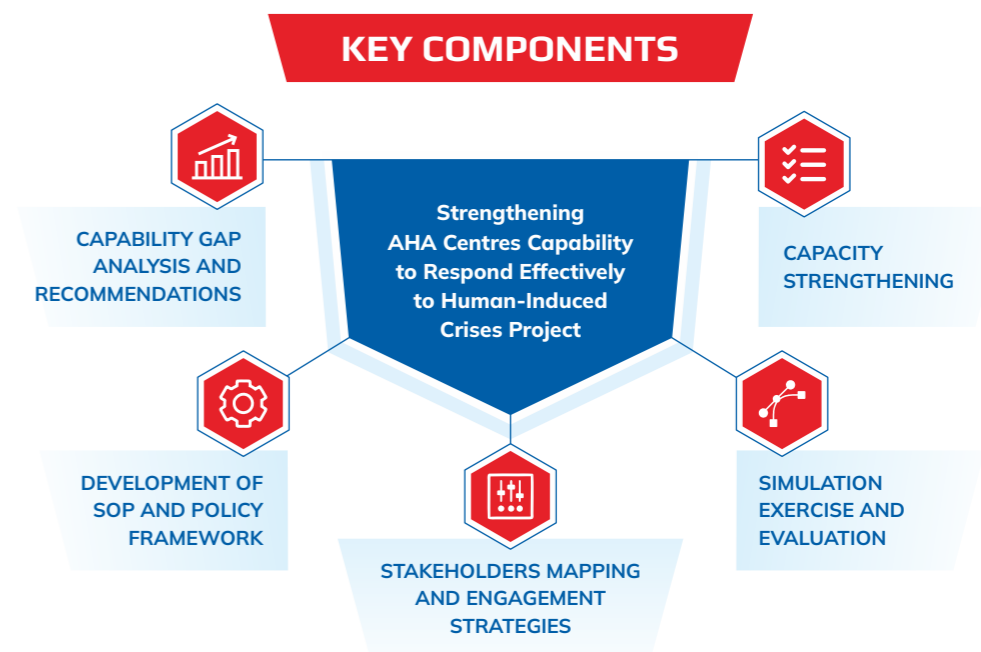
## DFAT Project

Approved by the Governing Board of the AHA Centre on 16 October 2020, the Government of Australia represented by the Department of Foreign Affairs and Trade-Australian Mission to ASEAN launched the project to strengthen the AHA Centre's Capability to Respond Effectively to Human-Induced Crises project. The project aimed to develop the internal capacity of the AHA Centre in supporting humanitarian assistance during human-induced disasters, including conflict situations. It had two major components: the development of a system that would allow the AHA Centre to assist in human-induced crises (outcome 1), and the development of the capacities of the staff of the AHA Centre, as well as selected ASEAN-ERAT members, through training and workshops (outcome 2).

The project was presented to the ACDM Working Group on Preparedness, Response and Recovery meeting on 9 September 2021, where it was agreed that the scope of the project would be in providing humanitarian assistance in human-induced crises, the identification of workshops and training that might be scheduled in line with the project. The tender process for the experts to conduct a gap analysis and capacity assessment started in early July 2021 with developing capability framework, one-on-one

interviews with key informants from AHA Centre, representatives from ASEAN Member States' NDMOs and other stakeholders associated with AHA Centre, as well as workshops with the AHA Centre team.

Following the input and feedback gathered from a validation exercise, the interim findings and recommendations were presented on 7 September 2021 to the AHA Centre's Senior Management Team.



The first project steering committee was initially proposed for September 2021, however, following the advice and request from ASEAN Secretariat Disaster Management and Humanitarian Assistance (DMHA), the project was included on the second ACDM Preparedness, Response, and Recovery Working Group (PRR-WG) meeting.

The full implementation of the activity was delayed by a number of factors, including an ongoing ad hoc response to Myanmar and the most recent humanitarian assistance following typhoon Rai in the Philippines, which was categorised as a catastrophic disaster as per AHA Centre guidelines. Both

responses led to competing priorities from the AHA Centre Operations Division in responding to the project request for discussions, feedbacks, or input particularly on the gap analysis study interim report. There was also the change in senior management staffing with the Executive Director, Deputy Executive Director and a key project implementing resource from the Operations Division leaving their positions during the reporting period.

However, the project management team expects to secure inclusive participation from the NDMOs and ASEAN Member States representatives in the project.



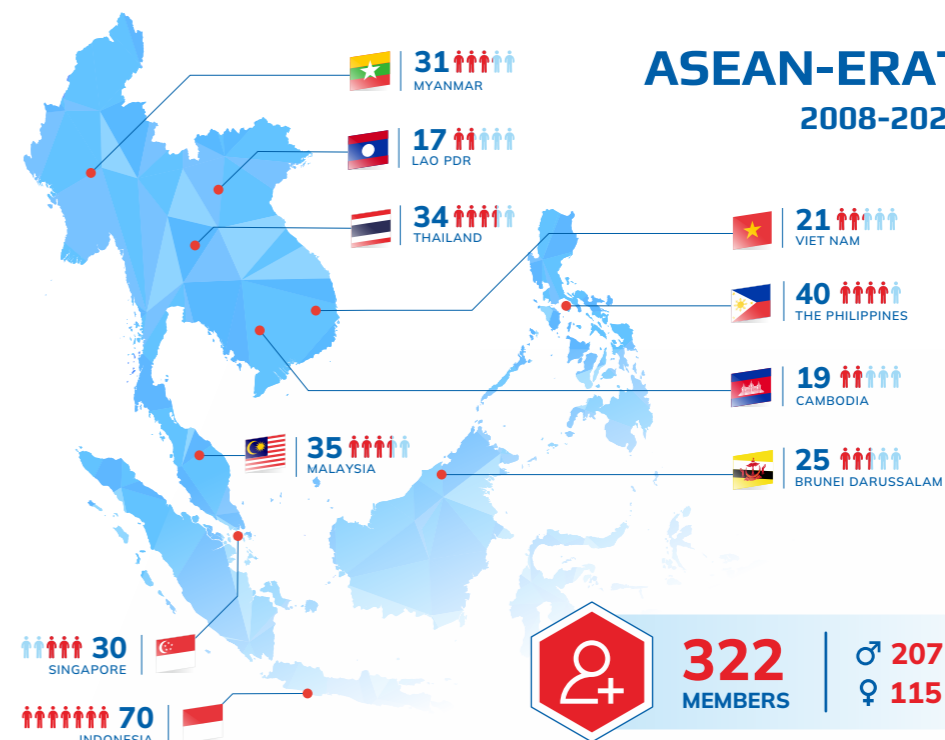
## ASEAN-ERAT

There were several key achievements of ASEAN-ERAT in 2021. To continue the capacity building of the ASEAN-ERAT members amidst the COVID-19 pandemic, the AHA Centre initiated the ASEAN-ERAT Coaching Clinic and ASEAN-ERAT Refresh Our Mind. The AHA Centre initiated the ASEAN-ERAT Refresh Our Mind series for three ASEAN-ERAT specialisations: Rapid Needs and Damage Assessment; Information Management; and humanitarian logistics. Each series was intended as refreshment of the selected competency by focusing on critical thinking, informal discussion, and experience sharing amongst the ASEAN-ERAT members in less than 100 minutes.

In total 36 ASEAN-ERAT members (56% of whom were female) attended the series of the ASEAN-ERAT Refresh Our Mind. The AHA Centre received positive feedback from the ASEAN-ERAT members who participated in the series. They felt refreshed, engaged, and were able to absorb learning in a short time.

Unlike the ASEAN-ERAT courses, the ASEAN-ERAT Coaching Clinic focused only on task-based practices, including mini exercises, with a hands-on approach from six experienced coaches from

ASEAN-ERAT members (from Brunei Darussalam and Indonesia) and experts from Map Action and the AHA Centre staff. Ten ASEAN-ERAT members, who attended the Level 2 course on Rapid Needs and Damage Assessment, and Information Management, followed the coaching clinic for 1.5 months (three hours/week). They practised developing a response map, digital data collection forms, data visualisation and databases with practical tips and templates ready to use for deployment. Most participants agreed that the coaching clinic was very valuable for learning and refreshment.



The AHA Centre also drafted a simulation exercise package of the ASEAN-ERAT Level 2 courses that included a comprehensive scenario, set of tasks, and list of simulation events. The draft scenario and list of tasks were tested through online mini exercises during the ASEAN-ERAT Coaching Clinic. The online mini simex was held for the first time for the ASEAN-ERAT members specialising in Rapid Needs and Damage Assessment and Information Management. On the ASEAN-ERAT Level 2 courses' preparation, the AHA Centre enhanced the ASEAN-ERAT Competency Framework, particularly for ASEAN-ERAT specialisations in Rapid Needs and Damage Assessment; Information Management; Humanitarian logistics; and Civil-Military Coordination. The enhanced framework focused on improving the competency statements with additions in competency indicators, the definition of competency indicators, competency output, assessment methods and tools, and alignment with

the pilot ASEAN-ERAT Level 2 courses and ASCEND's competency.

Based on the enhanced competency framework, the AHA Centre enhanced the curricula of the ASEAN-ERAT Level 2 courses and they have been synchronised with ASEAN-ERAT core documents (guidelines, standard procedures, standard humanitarian system) and details of expected competencies.

Following positive feedback from the Refresh Our Mind series, starting at the beginning of 2021, the AHA Centre continued the series to keep members engaged and connected from their homes or offices during the course of the pandemic. The second edition of the ASEAN-ERAT Refresh Our Mind series brushed up ASEAN-ERAT members' knowledge on information management in only 100 minutes.



## **ICT Phase IV**


**Phase IV of the ICT Roadmap on Disaster Management for 2025 and Beyond project was successfully completed on 31 Dec 2021. The project was funded by the Government of Japan through JAIF. Most of the ICT Roadmap components were used as a reference document in the AADMER Work Plan and have been mainstreamed into the plan.**

The ICT Roadmap is a guideline to ensure the work programmes or initiatives of the AHA Centre's ICT functions are aligned and relevant with the organisation's plans and strategic direction. It is a multi-purpose tool that will serve as a guideline for ICT infrastructure and solutions for the AHA Centre and its network with the ASEAN Member States and is expected to become an important guideline not only for the AHA Centre, but also for all Member States to further enhance the ICT capabilities for the betterment of disaster management of ASEAN region.

The ICT Roadmap is a living document. Even though its strategic pillars and initiatives will be more definite

in nature, the components and technology enablers are dynamic. It provides opportunities for evolution from time to time as implementation proceeds. The implementation time for each component too will be adjusted accordingly based on the availability of funding, technology enablers and other factors. The progress of the roadmap was presented to the ACDM Working Group on Knowledge and Innovation Management (KIM WG) on a regular basis to ensure its relevancy and effective implementation. At the fourth meeting of the KIM WG conducted on 14-15 May 2018 in Hanoi, Viet Nam it was agreed that the AHA Centre would form a task force and develop the AHA Centre's ICT Roadmap as part of the ICT Phase IV project.



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Phase IV was to end originally on 31 August 2020. After that, there were three no-cost extensions to 28 February 2021; then to 31 August 2021; and finally until 31 December 2021. The last extension was approved in September 2021 by the Government of Japan after the fifth project steering committee meeting. This extension allowed the project management team to complete all the project activities and to conduct one more additional activity, which was to replace a videowall in the Emergency Operations Centre of the AHA Centre, Jakarta.

The sixth project steering committee meeting on Phase IV of the establishment of an integrated information and communication technology system to strengthen the operation of the AHA Centre was held on 21 December 2021 by video conference. The meeting was attended by the Singapore Civil Defence Force (SCDF), Mission of Japan to ASEAN, Ministry of Internal Affairs and Communications (MIC) of Japan, the Disaster Management and Humanitarian Assistance (DMHA) Division of the ASEAN Secretariat, the Japan-ASEAN Integration Fund Management Team (JMT) and the AHA Centre. The meeting was chaired by Singapore (represented by the SCDF) as the lead country.

The Government of Japan has worked together with the AHA Centre for the previous 10 years since the introduction of ICT Phase I Project in 2011, continued with the Phase II, III, and then IV to make substantial improvement in disaster response capabilities in ASEAN.



## ToT Myanmar Capacity Building

The Enhancing the Readiness of Myanmar Government Local Capacity in Providing Humanitarian Assistance to Support the Repatriation Process project, which began on 23 August 2019 supported by JAIF, was completed on 31 December 2021.


The objectives of the project were threefold, to strengthen the local capacity in Myanmar to provide humanitarian assistance to support the repatriation process in Rakhine State in the areas of needs assessment, logistic management, coordination, and reception and transit centre management referencing basic ASEAN-ERAT tools and mechanisms, the training programme was customised and adapted to reflect the context of the humanitarian intervention.

It was also aimed at strengthening cyclone disaster preparedness planning for Rakhine State to ensure the safety and well-being of existing communities as

well as of the returnees in view of the constant threat of cyclones and secondary hazards associated with catastrophic cyclones.

Finally, it was designed to raise awareness and understanding among decision-makers in Myanmar about current initiatives, policies, guidelines in ASEAN relevant to the Government of Myanmar's desire to ensure a safe and secure environment for all communities in Rakhine State as effectively as possible, and to facilitate the voluntary return of displaced persons to Myanmar in a safe, secure and dignified way.



[Click on images to download directly](#) 

In line with the approved project proposal, the main beneficiaries of this project were Myanmar nationals from various sectors, including among others, government ministries (National Disaster Management Agency, Ministry of Health, Ministry of Education, Social Welfare) and non-government organisations (Red Cross and other civil society organisations) and the relevant officials upon consent of their respective institutions. The AHA Centre as the implementer of this project also gained institutional experience in managing the project.

The Facilitator Manual and Curriculum for the Myanmar Disaster Response Team (MDRT) was published in the Myanmar language based on the findings and suggestions from learning needs assessment and focus group discussion with reference to the ASEAN-ERAT curriculum. The Facilitator Manual was printed and handed over to the Myanmar Department of Disaster Management (DDM) of the Ministry of Social Welfare, Relief and Resettlement as the proponent of this project. The Facilitator Manual and curriculum that were localised subsequently will be used by the DDM for the conduct of the next MDRT training. The Rakhine Contingency Plan for Cyclones was also completed and translated.



The in-person validation workshop for reviewing the Rakhine State Emergency Response Contingency Plan was conducted in Sittwe Township, Rakhine State on 8-9 December 2021. The familiarisation workshop was conducted in parallel in both Nay Pyi Taw and Sittwe on 1 December 2021. A Total of 50 mid-level government officials attended training in Nay Pyi Taw while 15 mid-level officials from Rakhine State attended. No high-level officials attended. The target participants were readjusted to focus only on mid-level officials without high-level officials due to the ongoing COVID-19 pandemic.

Training of trainers (ToT) for the MDRT was conducted on 1-6 February 2021 in Yangon, Myanmar. A total of 15 participants (Myanmar ASEAN-ERAT members, and non-ERAT members) received the training. The first roll out of training for the MDRT was conducted on 29 November – 4 December 2021 in Nay Pyi Taw. A total of 35 trainees from national level government officials, civil society organisations/local non-government organisations from Rakhine State and the Red Cross attended this training. The second roll out of training for the MDRT was conducted on 13 - 18 December 2021 in Nay Pyi Taw, with a total of 42 trainees also from national level government officials, civil society organisations/local non-government organisations from Rakhine State and the Red Cross.

The project strengthened local capacity to provide humanitarian assistance to support the repatriation process in Rakhine State. Targeted capacity building through a localised approach focusing on the MDRT and delivering training in the Myanmar language ensured that 77 local and national personnel have been equipped with regional-standard tools. The review of the Rakhine State Emergency Response Contingency Plan for Cyclones has ensured that local institutions can review the existing contingency plan of Rakhine State in line with ASEAN Joint Disaster Response Plan. Mid-level officials of various agencies are now also equipped with the knowledge of ASEAN processes to support the repatriation process in Rakhine State, as well as broader opportunities that ASEAN may offer to further support the resettlement and recovery process following the repatriation of displaced persons.



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ONE ASEAN  
ONE RESPONSE

## PARTNERSHIP

The AHA Centre is an inter-governmental organisation that by necessity works with many partners and stakeholders and their ongoing willingness to engage, support, and work with the AHA Centre has been the key factor in its development over the past 10 years. The AHA Centre greatly values the support it has received from its partners since its establishment until now, in realizing the AHA Centre's goal of becoming a global leader in disaster management. The technical assistance provided and the relationships that have been built have been a strong foundation in developing disaster resilience and reinforcing the vision of One ASEAN, One Response. The Centre recognises the key roles played by the NDMOs of all Member States, and their engagement, support, and input, as well as that of all the dialogue, development, and disaster management partners whose support has been invaluable and we look forward to continued collaboration in the coming years.

5

Partnership Forum



Dialogue Partners



Disaster Management  
Partners



## Partnership Forum

To commemorate the AHA Centre's 10th anniversary, the Centre hosted a virtual Partnership Forum on 26 November 2021. The event was designed to celebrate the partnerships that have been forged over the years and to express appreciation to all partners and stakeholders for their support for the Centre and the region.

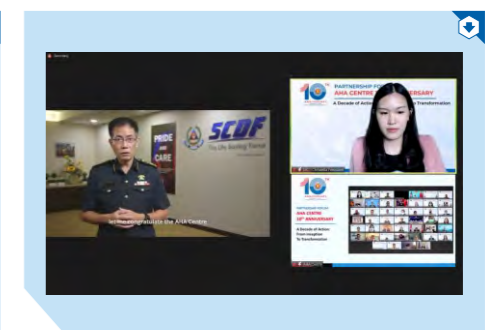
To commemorate the AHA Centre's 10th anniversary, the Centre hosted a virtual Partnership Forum on 26 November 2021. The event was designed to celebrate the partnerships that have been forged over the years and to express appreciation to all partners and stakeholders for their support for the Centre and the region.


Attended by 195 participants from national disaster management organisations, dialogue and development partners, and partners of the AHA Centre, the Forum also provided an opportunity for the participants to learn more about the outcomes of their support through an exhibition of the AHA Centre Work Plan 2025.

The main item on the agenda of the Partnership Forum was the AHA Centre's workplan exhibition. During this activity, the participants were directed into four breakout rooms, designed based on Priority Programmes (PPs) stated in the AHA Centre Work Plan 2021-2025, and had the opportunity to interact and comment through online tool Padlet. Each breakout room was facilitated by designated AHA Centre staff.

The six PPs were Risk Assessment and Monitoring, Prevention and Mitigation, Preparedness and Response, Resilient Recovery, Global Leadership, and Corporate Governance. Under these priorities, participants provided their comments and interests on the specific issues and discussed potential collaboration with the AHA Centre and relevant partners and stakeholders.

During the Partnership Forum, the AHA Centre also launched the Story of the AHA Centre video, which captured the journey of the Centre from the inception stage to the current era of transformation. Greeting videos from the ACDM, dialogue and development partners, and partners of the AHA Centre were also played during the event.



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## Dialogue Partners



Australia

The Government of Australia continued its long-standing support for the AHA Centre through a variety of mechanisms during 2019. Through a partnership with RedR Australia, experts on Civil-Military Coordination and Risk Assessment were engaged to assess gaps within the ASEAN system, and develop guidelines for improving these two specific areas. The Australian government also provided key support for the ASEAN Village project in Central Sulawesi, funding the hiring of staff and other AHA Centre operational costs for the project's ongoing implementation.



European Union

The European Union continued its support of the AHA Centre during 2021 with the Integrated Programmes in Enhancing the Capacity of AHA Centre and ASEAN Emergency Response Mechanisms (EU-SAHA) project, which will utilise a budget of a little over USD 8 million between 2020-2024. The EU has also awarded funding to Sweden's MSB and Estonia's ERB to complement activities directly implemented by the AHA Centre, to implement the Leveraging ASEAN Capacities for Emergency Response (LACER) project. The LACER component will be implemented with an overall focus on institutional capacity development to augment sustainability and utilisation of AHA Centre's operational capacity.



Germany

Through Deutsche Gesellschaft für Internationale Zusammenarbeit Gmb (GIZ), the Government of Germany is supporting the implementation of the Institutional Strengthening and Capacity Development (Capacities4AHAC) project, which is running from 2020-2022 with a budget of almost USD 950,000. The project focuses on strengthening the internal corporate governance and institutional capacity of the AHA Centre.



Republic of India

The Republic of India has committed to supporting the implementation of the ASEAN Humanitarian Assistance to Myanmar by providing in-kind contribution of medical supplies and equipment amounting to USD 199,325.



Japan

Through the Japan-ASEAN Integration Fund (JAIF 2.0), the Government of Japan remains one of the AHA Centre's biggest and longest-standing partners, and is continuing support through the Strengthening ASEAN's Collective Response Capacity through the Enhancement of the Capacity Building of the Regional ASEAN-ERAT (2020 – 2022) - Phase II project, with a budget of USD 1.5 million, as well as ongoing support of, among other projects, DELSA, ICT, and ACE Programme activities.



Republic of Korea (RoK)

The Republic of Korea has committed to supporting the AHA Centre's efforts in rolling-out the ASEAN Standards and Certification for Experts in Disaster Management (ASCEND) project from 2020-2023, which was launched in September 2020, this aims to standardise skills and requirements for ASEAN disaster management professionals with an overall budget of almost USD 3.5 million. Through the Special Humanitarian Fund managed by the ASEAN Secretariat, the RoK also disbursed USD 472,725 to the AHA Centre for procurement of batch three of Phase I ASEAN Humanitarian Assistance to Myanmar.



Switzerland

Through the Swiss Agency for Development and Cooperation (SDC), the Government of Switzerland has signed a Memorandum of Intent that provides the AHA Centre with direct funding in the amount of USD 566,000, and consultants to engage in the development of the AIMNet platform and systems between 2020-2021.



Turkey

Turkey has provided in-kind contribution to the ASEAN Humanitarian Assistance to Myanmar amounting to USD 112,000.



United Kingdom

The UK's Foreign, Commonwealth and Development Office (FCDO) has extended its support for the AHA Centre by offering the secondment of key human resources in the form of a Humanitarian Strategist for 2020-2021.



## Disaster Management Partners



### AADMER Partnership Group

The AADMER Partnership Group consists of Oxfam, World Vision, Plan International, HelpAge International, ICVA, Mercy Malaysia, and Save the Children. The Group support in 2021 was by actively participating in the development of the ACE Programme Batch Seven curriculum.



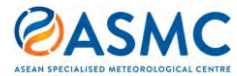
### ANGIN

Supported HELIX 2021 by providing the judges panel and helped develop judging criteria for iPitch and AHackathon.



### Anticipation Hub

Provided information exchange on anticipatory action. Anticipation Hub and the AHA Centre were also involved in several discussions and webinars during 2021.



### ASEAN Specialised Meteorological Centre (ASMC)

Exchange of knowledge on the use of sub-seasonal to seasonal predictions for disaster and risk analysis and management in the region.



### Daniel K. Inouye Asia-Pacific Centre for Security Studies (DKI-APCSS)

Provided expert support for the development of the ACE Programme Batch Seven curriculum.



### Direct Relief

Supported the pre-positioning and mobilisation of relief items from the DELSA satellite warehouse in Camp Aguinaldo during the Typhoon Rai response in the Philippines. Direct Relief also committed to providing funds to support the pandemic response for roll out in Malaysia, Thailand, and Viet Nam in early 2021.



### Earth Observatory Singapore (EOS)

Provision of technical support on the analysis hydrometeorological and tectonic hazards information.



### HELP Logistics

Supported the development of the AHackathon as part of the DELSA Humanitarian and Emergency Logistics Expo (HELIX) event.



### Impact Week

Impact Week supported the staging of AHackathon by providing technical, promotional, and event organising support, as well as mentors.



### launchlabs

Provided expert support for AHackathon, including judges.



### Map Action

Provided technical support for DMA information products, ASEAN-ERAT Coaching Clinic sessions, and the ACE Programme Batch Seven.



### Pacific Disaster Center (PDC)

Provided technical support and knowledge for operationalising the ASEAN Disaster Monitoring and Response System (DMRS) as well as contributing to the development of the ARMOR Third Edition. On 18 November 2020, the AHA Centre and the PDC officially extended the MoI between the two organisations.



### PulseLab Jakarta

Contributed to the development of the ARMOR Third Edition publication.



### Red Cross and Red Crescent Movement

Contributed to ACE Programme Batch Seven by providing support in the development and delivery of the training.



### RedR Australia

Provision of a number of technical experts to the AHA Centre, including a Resource Mobilisation Advisor and an expert to support the feasibility study for the sustainability of the DELSA network. RedR Australia also provided technical support in the development and delivery of the ACE Programme Batch Seven curriculum.



### Sentinel Asia – OPTEMIS

Provision of Earth Observation Satellite imagery data and analysis through the OPTEMIS network.



### Temasek Foundation

In-kind contribution for the ASEAN Humanitarian Assistance to Myanmar and supported the staging of HELIX 2021 by providing judges for iPitch and AHackathon.



### The Swedish Civil Contingencies Agency (MSB)

Seconded of the LACER Project Team Leader Mr. Charles Silva.



### United Nations

The United Nations remains at the forefront of disaster management on a global scale, and their engagement with the AHA Centre and ASEAN region remained strong during 2021. The UNHRD, WFP and UNOCHA continued their significant support across a range of related AHA Centre working areas, and engaged continuously with the AHA Centre even under pandemic limitations. The UNHRD continued to host and support the DELSA Regional Stockpile in Subang Malaysia, while the WFP and UNOCHA continued their engagement in the DELSA, ACE Programme and ASEAN-ERAT webinars and training, as well as providing professional insights for the ARMOR Second Edition webinars.



### United Parcel Service (UPS)

Supported the staging of HELIX 2021 by providing cash prizes and judges for iPitch and AHackathon.



### University of Canterbury and New Zealand Aid

Provided expert support for the development of the ACE Programme Batch Seven curriculum. They have been partners in the ACE Programme for several years.



### US Forest Service (USFS)

The USFS provided expert support for the development of the ACE Programme Batch Seven curriculum.



ONE ASEAN  
ONE RESPONSE

# CORPORATE GOVERNANCE

Well-regulated and transparent corporate governance is essential as it assures the Governing Board, partners, and stakeholders about the integrity of the internal processes within the AHA Centre. The Centre reaffirms its commitment to ensuring that it will continue to strive to become a world-class institution within ASEAN that is comparable with other regional and global institutions.

2021 was also a challenging year; the AHA Centre had engaged several well-known consulting firms, such as EY, Korn Ferry and KPMG, in realising its commitment to becoming a trusted organisation in the region. These consultancies included a gap-analysis assessment of internal controls to identify areas of improvement, an internal communication assessment and recommendations, and a crisis communications manual for the AHA Centre, updating the corporate manuals and improving the existing induction programme.

Furthermore, during the year, the AHA Centre also Introduced an Anti-Fraud and Anti-Corruption programme. The policy aims to deepen the trust and confidence of the Member States and the Centre's partners and donors in line with the international standard. All staff members have attended the training on Anti Fraud and Anti Corruption practices.

6

Human Resources  
and Administration



2021 Financials Overview



Internal Control and Auditing



## Human Resources and Administration

### Supporting Staff During the Pandemic

Key functional areas of the Human Resources Team are staffing and workforce planning, compensation, benefits administration, equity and relations, policy development, succession planning, training and development, HR system administration, compliance reporting, safety/risk management and personnel management.



The AHA Centre's workforce includes staff members in full-time, part-time and interns' capacities. These staff members fill technical/skilled, administrative, safety and managerial roles. The AHA Centre also works in a dynamic environment as the Centre continues to change and grow as well as given the fact that the Centre's staff members come from a variety of backgrounds, training, experience, gender and nationalities.

Over the year of the COVID-19 challenges, the HR team had continued remote service and maintenance of key relationships with all units and external parties. The HR team have implemented effective virtual recruitment activities to meet the demands of the AHA Centre's work, offering virtual information sessions and interview.

Apart from the HR routine activities, through the work-from-home arrangements in response to the COVID-19 challenges during the year, the AHA Centre explored new ways of fostering staff well-being, productivity, engagement, and commitment. The Centre established a strategy to support staff to be agile, autonomous, continually learning, and performing at their best while working from home.

It made available a broader range of learning opportunities for all staff members to enhance creative, business, and technology skills. Over the year, the AHA Centre implemented several activities under Capacity Development. Various training topics based on the day-to-day needs of the staff members have been conducted; the following are highlighted activities:


- **Anti-Fraud and Anti-Corruption Training.**
- **Intellectual Property and Employment Law.**
- **Humanitarian Law and Legal Aspects of General Business Activities in Indonesia.**
- **Intermediate and Advanced Microsoft Excel training.**
- **Enterprise Risk Management awareness and Internal Control.**

Most of the AHA Centre's staff members from all divisions have participated in the training mentioned above. The AHA Centre is planning for more training topics in the future.

### Working from Home Arrangements and COVID-19 Vaccination

Due to the COVID-19 pandemic, the AHA Centre implemented Working-From-Home (WFH) arrangements that started in March 2020, with limited impact on the AHA Centre's productivity and work. To ensure that all activities were implemented according to plans and went smoothly. The AHA Centre successfully shifted to remote working while maintaining its operations and expanding its support to help its staff members and Member states tackle the multifaceted impacts of the crisis. The AHA Centre digitalised its platforms and processes, such as online monitoring of its Work Plan and activities, learning management systems, online communication and online financial transactions processing and verification.



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The AHA Centre Management implemented protective measures under a work-from-home guideline and local government directive to keep staff safe and secure essential functions. These measures included enhanced security procedures, health and safety protocols, and arrangements for staff and team to work remotely. The management team continued to assess COVID-19 developments throughout the year to ensure the Centre adjusted to changing circumstances. This included planning a phased return to the office and staff safety protocol. As the COVID-19 pandemic improved and the daily COVID-19 positive case rates declined at the end of 2021, the AHA Centre prepared its staff to return to work in the office with strict health protocols, following the Government of Indonesia's regulations. Based on the AHA Centre Return-to-Work Guidelines, the staff would gradually return to work at the office in a voluntary-based arrangement. The return to work at the official policy was revisited and reviewed depending on the COVID-19 pandemic situation and the Government of Indonesia's directives.

The AHA Centre is currently exploring the possibility of new working arrangements to suit the new normal and working conditions. Furthermore, the senior management team is also looking into improving the office working environment and seating arrangement to accommodate the 100 % return to the office for all staff members once the situation and working environment is safe.

On the AHA Centre's staff vaccination programme, the Centre collaborated with the Ministry of Foreign Affairs of the Republic of Indonesia to arrange for staff members in Jakarta, Indonesia, to receive their first dose of COVID-19 vaccine on 7 May 2021, and 95% of these staff members received their second dose on 4 June 2021. The staff members in Myanmar, the Philippines, and Thailand also completed the vaccination through their local vaccination programmes. The AHA Centre encourages the staff members to receive their booster COVID-19 vaccines of their choice through the available local program in their location.

## 2021 Financials Overview

### STATEMENT OF FINANCIAL POSITION

AS AT 31 DECEMBER 2021 (UNAUDITED)

#### ASSETS

Current Assets	2021 (Unaudited)	2020 (Audited)
Cash and Banks	7,669,623	8,640,801
Receivables	58,121	22,455
Advance for projects	438,024	855,716
Inventories	4,624,623	3,015,555
Other current assets	31,732	16,277
<b>Total current assets</b>	<b>12,822,123</b>	<b>12,550,804</b>
Non Current Assets	2021 (Unaudited)	2020 (Audited)
Fixed assets	68,493	61,341
Intangible assets	-	125,534
<b>Total non-current assets</b>	<b>68,493</b>	<b>186,875</b>
<b>TOTAL ASSETS</b>	<b>12,890,617</b>	<b>12,737,679</b>

#### LIABILITIES AND NET ASSETS

Current Liabilities	2021 (Unaudited)	2020 (Audited)
Payables	5,733,656	7,727,535
Accruals	177,570	134,019
Advance from Member States	-	90,000
Deferred revenue	5,101,099	3,409,765
<b>Total current liabilities</b>	<b>11,012,325</b>	<b>11,361,319</b>
Non Current Liabilities	2021 (Unaudited)	2020 (Audited)
Accruals for Gratuities	11,544	6,198
<b>Total Non Current Liabilities</b>	<b>11,544</b>	<b>6,198</b>
<b>TOTAL LIABILITIES</b>	<b>11,023,868</b>	<b>11,367,517</b>
<b>Net Assets</b>	<b>1,866,748</b>	<b>1,370,162</b>
<b>Total Liabilities and Net Assets</b>	<b>12,890,617</b>	<b>12,737,679</b>

### STATEMENT OF FINANCIAL PERFORMANCE

AS AT 31 DECEMBER 2021 (UNAUDITED)

Revenues	2021 (Unaudited)	2020 (Audited)
Contributions from ASEAN Member States	1,455,742 (29%)	1,406,044 (32%)
Contributions from Dialogue Partners	3,261,847 (64%)	2,722,343 (63%)
Contributions from Others	373,253 (7%)	206,556 (5%)
<b>Total Revenues</b>	<b>5,090,842 (100%)</b>	<b>4,334,943 (100%)</b>
Expenses	2021 (Unaudited)	2020 (Audited)
Programme related Expenses	2,393,858 (52%)	1,694,939 (40%)
Operational Expenditures	851,192 (19%)	819,475 (19%)
Emergency Operations	1,349,205 (29%)	1,712,129 (41%)
<b>Total Expenses</b>	<b>4,594,255 (100%)</b>	<b>4,226,543 (100%)</b>
<b>Surplus/(deficit) for the year</b>	<b>496,586</b>	<b>108,400</b>
<b>Other changes in net assets</b>	<b>-</b>	<b>-</b>
<b>Changes in net assets</b>	<b>496,586</b>	<b>108,400</b>

(Expressed in US Dollar, unless otherwise stated)

2021 was an exciting year, and several activities were implemented in a new normal arrangement. Compared to 2020, there were increase in revenues and expenses for 2021 by 17% and 9% respectively.

The AHA Centre receives income from three primary sources: ASEAN Member States' equal annual contribution, ASEAN Dialogue Partners and other sources, including interest revenue, management and admin fees. At the end of 2021, the AHA Centre received a total of USD 1.4 million in annual contributions and other support from the ASEAN Member States and USD 3.5 million from ASEAN Dialogue Partners and other organisational partners, contributing to the total revenue of USD 5.0 million. Of this amount, the AHA Centre utilised slightly over USD 4.5 million to cover all activities implemented during the year.


## Internal Control and Auditing



The AHA Centre has appropriate financial controls in place, which have operated effectively and reliably over the past years. One of the achievements in enhancing the financial control mechanism was that the AHA Centre had engaged the first-tier auditing firm EY to assess the internal control to provide oversight of the internal control process, weaknesses and recommendations for improvement. The assessment was completed at the end of the year. There were a few recommendations that the AHA Centre will use to address in the coming year to strengthen the internal controls.

Moreover, the AHA Centre completed an external audit process for finances for 2020, conducted by a reputable independent accounting firm, Pricewaterhouse Cooper (PwC) and confirms that AHA Centre's financial reporting is in accordance with International Public Sector Accounting Standards (IPSAS). The outcome "Unqualified Audit" follows similar outcomes from previous audits, further enhancing the AHA Centre's reputation as a trusted, transparent, and credible organisation. There is a sound internal control framework in place, including effective identification and management of business risks, and a reliable financial management reporting system. The 2021 external audit and audit fieldwork will commend in February 2022.



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7

# VISITS

Visit of H.E. Mr. Joseph Borrel, High Representative of the Union for Foreign Affairs and Security Policy/Vice-President of the Commission, European Union (EU) on 3 June 2021.



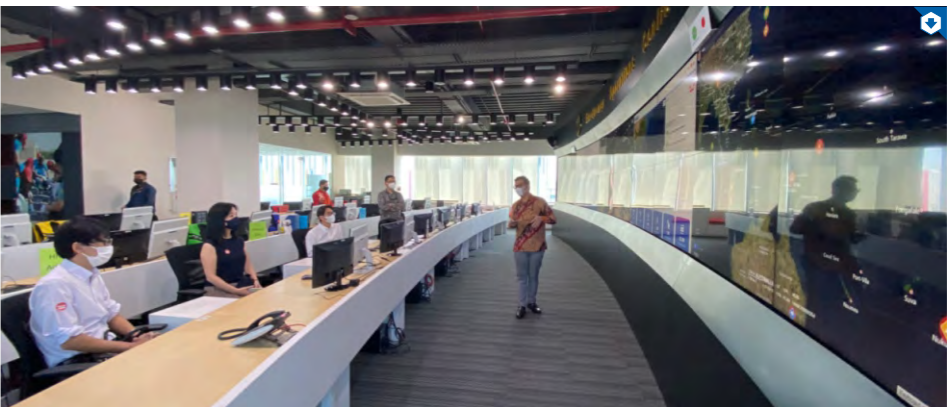
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Visit of H.E. Alex Kuprecht, President of the Swiss Council of States  
on 1 November 2021.



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Visit of the Mission of Japan to ASEAN and JAIF Management Team (JMT)  
on 23 December 2021.



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## FOUNDING PARENTS



### Brunei Darussalam

Colonel (R) Muhd Harriith Rashidi Bin HJ Muhd Jamin  
Director National Disaster Management  
Centre Ministry of Home Affairs Brunei Darussalam

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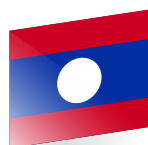


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## WAY FORWARD

As an organisation that continues to grow throughout the region, the AHA Centre needs to adapt to the challenges and changes thrown up by the post-pandemic humanitarian landscape. The year of 2021 provided valuable lessons learnt for the Centre on how to remain agile in responding to disasters in the region amidst the uncertain COVID-19 situation and the internal organisation transformation. With all the support from the ASEAN Member States, partners, and stakeholders, the AHA Centre has demonstrated its capacity and capability to help enable stronger national disaster management capacities among Member States.



ONE **ASEAN**  
ONE **RESPONSE**

Looking ahead, 2022 and beyond will be another challenging yet exciting time for the AHA Centre. The climate crisis, post-pandemic, other complex humanitarian and disaster responses will be, for sure, the situations that need to be faced by the AHA Centre. Learning from 2020 and 2021, responding to a large-scale disaster during a pandemic was a much different scenario, with the focus not only on mobilising relief items for affected communities, but also on thinking about how the response must not be allowed to trigger new pandemic clusters.

The official launch of the ASEAN Village in Palu, Central Sulawesi, Indonesia in 2021 also marked the completion of the first-ever recovery programme managed by ASEAN through the AHA Centre. The programme provided valuable lessons and best practices for future engagement in the region.

On the internal organisation improvement, the AHA Centre also remains committed and engaged to continue improving its own integrity, transparency, and accountability, and will do this through both external and integrated methods. This is to ensure that the AHA Centre itself retains the internal capacity and the skills required to contribute to the ASEAN vision of becoming a global leader in disaster management.



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# AHA CENTRE TEAM

(Period of January-December 2021)



**Lee  
Yam Ming**

*Executive Director*



**Krishna  
Putra Tanaja**

*Deputy Executive Director*

OFFICE OF EXECUTIVE DIRECTOR



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ASCEND Project Officer



**Andrew Mardanugraha**  
ASCEND Project Coordinator



**Caroline Widagdo**  
Knowledge and Change Management Officer



**Desfrina Mahidin Soleh**  
Project Officer - DFAT Project



**Dipo Summa**  
Resource Mobilisation Manager



**Fajar Triperdana**  
Project Assistant - DFAT Project



**Haura Mayang**  
ASCEND Project Assistant



**Ilham Nugraha**  
Resource Mobilisation Officer



**Merry Rismayani**  
Knowledge and Change Management Officer



**Moch Syifa**  
Communications Officer A



**Rizal Basri**  
Executive Assistant to Executive Director



**Yuniarti Wahyuningtyas**  
Project Development Officer

# OPERATIONS



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Director of Operations



**Agustina Tnunay**  
Assistant Director for Preparedness and Response



**Anggaripeni Mustikasiwi**  
Training Officer ASEAN-ERAT



**Aye Theint Thu**  
National Project Manager - Myanmar



**Gaynor Tanyang**  
ACE and DELSA Project Coordinator



**Halanso Roy SiManjuntak**  
Logistic Officer



**Jommel Merano**  
National Logistics Officer - Philippines



**Keith Paolo Landicho**  
Disaster Monitoring and Analysis Officer



**Khin Thu Zar Win**  
National Team Assistant - Myanmar



**Lawrence Anthony Dimailig**  
Assistant Director for Disaster Monitoring and Analysis



**Linn Linn Maw**  
Finance and Administration Officer



**Madiatri Anatasia Silalahi**  
Monitoring Evaluation and Reporting Officer



**Meifi**  
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**Nyein Ei Phyu**  
National Officer - Myanmar



**Rifatus Sovia**  
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**Sadhu Janottama**  
Disaster Monitoring and Analysis Officer



**Saruda Ratchatachottanakorn**  
National Logistics Officer-Thailand



**Shella Ningtias**  
PA ACE Programme



**Sulastri**  
ERAT Programme Assistant 1

CORPORATE AFFAIRS DIVISION



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Director of Corporate Affairs Division



**Bella Damara Dita**  
Finance Assistant



**Benedikta Anindya Prajna Paramita**  
Finance Officer



**Maria Jenny Puspitawati**  
HR and Admin Officer



**Meiliany Susanto**  
Finance Coordinator



**Novika Arianti**  
Finance Assistant



**Rafiah Hasan**  
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**Rani Rahmania**  
Procurement Officer



**Ratna Iswara**  
ICT Programme Assistant



**Risdianto Irawan**  
ICT Senior Officer



**Susilawaty Manalu**  
Finance Officer



**Wanri Naibaho**  
Finance Officer



**Winarto**  
ICT Officer



**Yeny Susilowati**  
Finance Officer

INTERN



**Alifia Putri**  
ASCEND Intern



**Excel Botigan**  
Knowledge and Change Management Intern



**Kiran Maulana Husni**  
Communications Intern



“The spirit of One ASEAN One Response among the 10 ASEAN Member States is something very important and valued by all member states. Same for the AHA Centre. During the disaster responses, we can see the ASEAN spirit - the NDMOs staff, the AHA Centre staff, and ASEAN Secretariat work closely together helping each other to be able to effectively and professionally respond to any disasters in the region.”

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**Lee Yam Ming**



ONE ASEAN  
ONE RESPONSE

## THE AHA CENTRE

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