

# Harmonizing and Synergizing Actions for Resilience



Private  
Sector Alliance  
for Disaster Resilient  
Societies

## Inside

Messages

Who We Are

ARISE in 2022

2023 Way Ahead

# 2022 Annual Report

## TABLE OF CONTENTS

### Messages

|   |   |
|---|---|
| Mr. Hans T. Sy, Co-Chair, ARISE-Philippines                 | 2 |
| VAdm. Alexander P. Pama (Ret.), Co-Chair, ARISE-Philippines | 3 |
| Ms. Liza B. Silerio, Board Member, ARISE Global             | 4 |

### About ARISE-Philippines 5

|                                |   |
|--------------------------------|---|
| Sendai Framework               | 6 |
| Our Commitments                | 7 |
| Our Organization               | 8 |
| Strategic Framework for Action | 9 |

### Work Themes

|  |    |
|--|----|
| Work Theme 1 — Disaster Risk Management Strategies | 12 |
| Work Theme 2 — Education and Training              | 18 |
| Work Theme 3 — Urban Risk Reduction & Resilience   | 20 |

### Priority Areas

|   |    |
|---|----|
| Priority Area 1 — Small & Medium Businesses | 22 |
| Priority Area 2 — Investors and Investments | 25 |
| Priority Area 3 — Insurance and Reinsurance | 26 |
| Priority Area 4 — Resilient Infrastructure  | 28 |

### Engagements and Activities

|   |    |
|---|----|
| ARISE-Philippines Secretariat Initiatives | 31 |
| Members of the Network                    | 32 |
| Members Engagement Activities             | 31 |
| Board of Directors In Action              | 34 |
| Collaborations                            | 35 |
| Spreading the Word                        | 39 |
| International Engagements                 | 42 |

### Our Baseline KPI 45

# Hans T. Sy

Chairman of the Executive Committee, SM Prime Holdings, Inc.  
Co-Chair, ARISE-Philippines



Re-energized, harmonized and scaling up – has been and remains to be ARISE-Philippines' trajectory. The past seven years has seen the metamorphosis of ARISE Philippines from the coming together of a group of like-minded private companies determined to organize themselves and formally collaborate to help achieve the goals and targets of the Sendai Framework for Disaster Risk Reduction.

The journey continues to be challenging, especially with the threat and impact of the Covid-19 pandemic.

But we also continue to overcome, individually by our partners or collectively as a network, and stay focused on our mission. Through the time, determination, and tenacity of the ever-increasing membership, 2022 turned out to be another year of noteworthy progress in organizational development and operational accomplishments in line with our network's mandate.

Indeed, we continued to "Transform while we Performed" - through our partners' dedication and commitment to our common objective of developing disaster resilient communities in the country. Guided and inspired by our theme of "HARMONIZING AND SYNERGIZING ACTIONS FOR RESILIENCE," we heightened the establishment and implementation of our strategic and overall framework that served to guide our plans, programs and actions, as well as our basis for performance measured towards success

We also pushed further last year with our thrust to transform the network through various organizational and administrative programs. Operationally, we performed our mandates through harmonized and synergized activities under the 3 Work Themes, i.e., Disaster Risk Management Strategies, Education and Training, and Urban Risk Reduction and Resilience; and in our 4 Priority Areas, i.e., Small and Medium Enterprises, Investor and Investments, Insurance and Reinsurance, and Resilient Infrastructure.

Organizationally, our membership grew by 25% from the end of 2021 to a total of 110 private sector members as we closed the year. We also encouraged our members to submit articles with the concept of "doing well and telling well" for our Newsletter published on our website and social media platforms. In 2022 we also saw a significant increase in the number of ARISE Philippines participation in regional and international DRR and resilience forums, paving the way for our network to further strengthen relations with global and regional partners, and our counterparts. One among these events is the ARISE Global Annual General Meeting held on October 10-11 in Geneva, Switzerland where I was also given the opportunity to share my journey of passion and action for DRR.

On the regional level, we initiated a collaboration with ARISE Japan for a bilateral engagement in DRR knowledge sharing activities, an unprecedented and pioneering inter ARISE networks cooperation. These, along with other efforts conducted by our national network, highlighted and marked 2022 - the year in review, a significant and exceptional year for us in ARISE Philippines.

While we expect better opportunities for our work with the waning detrimental effects of the pandemic, we still are facing the challenges of climate change and the looming global economic and security crisis in some if not most parts of the world. We in the private sector in general, and ARISE Philippines and our partners in particular, will remain steadfast in our advocacy towards DRR and resilience, and driven in our resolve to be a pivotal sector in society.

As we start another year with renewed energy, let us stay united in action to heighten, strengthen, and mainstream the private sector's role and contribution in DRR and resilience, and in nation building as a whole.

In 2023, ARISE Philippines will adopt the theme "ARISE Philippines: DRIVING ECONOMIC GROWTH AND ENABLING DISASTER RESILIENCE AND SUSTAINABILITY." We are optimistic about the network's capacity to co-own and co-create in the efforts and take on the challenge and opportunity to build a sustainable and resilient Philippines.

Thank you everyone for your tireless support and commitment.

# VAdm. Alexander P. Pama (Ret.)

Consultant for Disaster Risk Resilience, SM Prime Holdings, Inc.  
Co-Chair, ARISE-Philippines



The first half of 2022 fueled the realization of the theme “HARMONIZING AND SYNERGIZING ACTIONS FOR RESILIENCE”. The One-on-One meetings with the Board of Directors, Work Theme and Priority Area leads opened up the road for this year’s pursuits. It culminated with the Board of Directors Meeting in March that set the strategy and guided the implementation of activities to harmonize the Network members’ actions for DRR and resilience.

Coming from the series of lockdowns and restrictions to social activities due to the COVID-19 pandemic, it seemed a surreal experience when we began face-to-face meetings and events this year. It led to more opportunities to strengthen our local, regional and global linkages.

I had the honor of presenting on behalf of the Network in imparting our experience in synergizing actions for DRR and resilience during the Adapt Asia forum organized by Komunidad, one of the newest members of ARISE-Philippines. A new platform was given to us by Climate Change Commission when we were tapped to showcase ARISE-Philippines members with their climate actions through a collated Audio-Visual Presentation during the Climate Investment Forum.

We sustained the bilateral partnership with ARISE Japan through the continuation of the Knowledge Sharing Series. Moving forward, the robust partnership with ARISE Asian networks is set to start in 2023 as ARISE India, Japan and the Philippines commenced initial discussion in November of this year to start tripartite collaborations for sharing best practices.

During the 7th Global Platform for Disaster Risk Reduction 2022 held in Bali, Indonesia on May 21-23, ARISE-Philippines represented ARISE global onsite as part of the Business and Industry sector in the Ministerial Roundtable Discussion on “Thinking Resilience: Changing the Approach to Disaster Risk Reduction Financing”. The Network had a significant involvement in the 2022 Asia-Pacific Ministerial Conference on Disaster Risk Reduction through the Private Sector Stakeholder Meeting and the Partner Event on Day 3. The three-day conference was held in Brisbane, Australia. At ARISE Global’s Annual General Meeting held in Geneva, Switzerland, our Network members’ inspiring actions for DRR and resilience were highlighted in the event’s Ignite Stage.

Across all of the mentioned platforms, our strategic framework along with the Networks’ achievements under the three Work Themes and four Priority Areas were brought out to the stage to increase the presence of ARISE-Philippines and ignite more actions toward DRR and resilience among other stakeholders. Moreover, these launched avenues to strengthen the Network’s synergy to answer the call for mobilizing efforts toward resilience and sustainability.

2022 was also a year of many firsts for us. A two-part video podcast series was released by the ARISE-Philippines Secretariat featuring expert speakers on DRR and early warning systems for all to celebrate this year’s International Disaster Risk Reduction Day. We also launched a Call for Papers for Disaster Risk-Informed Investments for the Tourism and Hospitality Industry through the partnership of the Junior Tourism and Hospitality Management Association of the Philippines and the Aboitiz Foundation. To further anchor the harmony of the Network on the Sendai Framework for DRR, the ARISE-Philippines Secretariat sought the assistance of the UNDRR Global Education and Training Institute (GETI) to conduct an online training workshop for its members. We at the Secretariat plan to continue and improve on these initiatives for the coming years.

We ended 2022 on an inspiring note to push beyond our current successes as ARISE Global requested ARISE-Philippines to discuss our best practices in developing the ARISE National network.

As the private sector continues to scale its contributions and engagement to DRR, we cannot deny how disaster resilience and sustainability are prime factors for social and economic growth. Let 2023 challenge the entire Network to take on a bolder phase as we become movers of the private sector.

# Liza B. Silerio

Vice President, Corporate Compliance Group,  
SM Prime Holdings, Inc.  
Board Member, ARISE Global



Our actions and initiatives at ARISE-Philippines should always be synergized with the rest of the ARISE Global Network. The theme we imbibed for this year, “HARMONIZING AND SYNERGIZING ACTIONS FOR RESILIENCE”, resonated the need to explore more ways and deepen our Network’s engagement with the ARISE networks outside the country, the public sector and the government, in order for us to move closer toward our ultimate goal of a resilient planet for all.

We are expanding our participation and collaboration with government agencies on disaster risk reduction, resilience and sustainability. ARISE-Philippines was one of the co-organizers of the National Disaster Risk Reduction and Management Council (NDRRMC), Office of the Civil Defense (OCD), Department of Science and Technology (DOST), National Resilience Council (NRC), UNDRR Regional Office for Asia and the Pacific (UNDRR-ROAP) and the UNDRR Asia Pacific Science and Technology Advisory Group (AP-STAG) in the 2022 Asia-Pacific Science and Technology Conference for Disaster Risk Reduction held in Manila, Philippines on April 7-8. The Network also took part in the Climate Change Commission’s activities during the 2022 Global Warming and Climate Change Consciousness Week.

Our members took part in the Sendai Mid-Term Review survey which was designed by ARISE Global. The responses we sent will ensure that the private sector through ARISE-Philippines is represented in the transformation of the Sendai Framework for DRR. ARISE Global also requested that our members submit their respective best practices on DRR and resilience. We also mobilized the Secretariat to request members to send their success stories in disaster risk reduction projects as part of ARISE Global’s Annual Report for 2022. We received a total of 11 stories which were sent to ARISE Global. These stories have a chance to be featured on the global platform. My sincerest gratitude to all our members for their consistent support to harmonize our alliance’s work as we move on elevating our influence for change on the global stage.

As part of the ARISE Global Board, I am proud to express that the different ARISE networks in the world and the headquarters itself are appreciating our work at ARISE-Philippines. During the ARISE Global Annual General Meeting in Geneva, Switzerland, the various programs of the entire Network across our Work Themes and Priority Areas were highlighted in the event’s forum and panels. ARISE conducted the Network Leaders Call in December 2022 where ARISE Global requested ARISE-Philippines to share best practices in our membership process and engagement. Instances like these serve as testaments that we are on the right track.

I would like to commend our Co-Chairs Mr. Hans T. Sy and VAdm. Alexander P. Pama along with the Secretariat, our Board of Directors, Work Theme and Priority Area leads as well as the rest of the network members for consistent exemplary dedication and work.

It is all great that ARISE-Philippines is sailing steadfastly as the years pass. But this is also a reminder that we, as the private sector alliance for disaster resilience in the Philippines, should raise the bar to accelerate our efforts toward disaster resilience and sustainability transcending to economic development in our country. ARISE-Philippines’ 2023 theme on “**DRIVING ECONOMIC GROWTH AND ENABLING DISASTER RESILIENCE AND SUSTAINABILITY**” will provide us the focus to make this into reality.

The 2022 ARISE-Philippines Report, “**Harmonizing and Synergizing Actions for Resilience**,” is the third Annual publication of the National Network. This showcases the individual and collective activities and accomplishments of ARISE-Philippines.

These accomplishments were achieved through the conduct of activities guided by the strategic and operational frameworks set in 2 in order for the Network to transform while performing its various programs and activities towards achieving its mandate. These were undertaken through its Work Themes (Disaster Risk Management Strategies, Education and Training, Urban Risk Reduction, and Resilience) and Priority Areas (Small and Medium Businesses, Investors and Investments, Insurance and Reinsurance, and Resilient Infrastructure). Anchored on these frameworks, the Network was able to harmonize various actions for DRR and resilience in 2022.

## About

ARISE-Philippines is a Local Network of ARISE international, the Private Sector Alliance for Disaster Resilient Societies, which serves as the private sector arm of the UN Office for Disaster Risk Reduction (UNDRR) in its pursuit to achieve the targets and goals of the UN Framework for Action for disaster risk reduction or Sendai Framework for DRR (SFDRR). To date, ARISE Philippines network has 110 volunteer business and other private sector organizations as members and partners that share a common vision and are committed to undertake actions to achieve a disaster-resilient and prosperous nation where fewer lives and livelihoods are lost to disasters, and investments are risk-informed.

ARISE-Philippines Local Network was formally launched during the 2015 Top Leaders’ Forum organized by SM Prime Holdings Inc. in partnership with the UNDR 60 private business organizations committed to being partners in ARISE-Philippines. SM Prime took on the role of national secretariat for ARISE-Philippines Network.

## Our Mission

To create resilient societies by energizing the private sector in collaboration with the public sector and other stakeholders to achieve the outcomes and goals of the Sendai Framework for Disaster Risk Reduction in a transparent and inclusive way that delivers local and measurable impact.

# REDUCE

**DISASTER MORTALITY BY 2030**

**NUMBER OF AFFECTED PEOPLE BY 2030**

**ECONOMIC LOSS BY 2030**

**INFRASTRUCTURE DAMAGE BY 2030**

# SENDAI FRAMEWORK 7 GLOBAL TARGETS



**EARLY WARNING SYSTEMS AND DISASTER RISK INFORMATION BY 2030**

**INTERNATIONAL COOPERATION BY 2030**

**COUNTRIES WITH NATIONAL AND LOCAL DISASTER RISK REDUCTION STRATEGIES BY 2020**

# INCREASE

**P1**

Understanding the risk

**P2**

Strengthening disaster risk governance to manage disaster risk

**P3**

Investing in disaster risk reduction for resilience

**P4**

Enhancing disaster preparedness for effective response and to "Build Back Better" in recovery, rehabilitation and reconstruction

SENDAI FRAMEWORK  
**PRIORITIES FOR ACTION**

# Our Commitments

## Raise Awareness

Awareness raising with respect to disaster risk and mobilization of the private sector



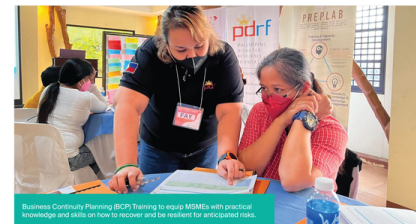
## Share Knowledge

Share knowledge, experience and good practices amongst the private sector



## Influence

Exercising influence in respective spheres of expertise



## Catalyze

Be a catalyst to generate innovation and collaboration in developing risk-informed business strategies



## Implement

Implement projects and activities to achieve the targets of the Sendai Framework





# Our Organization

ARISE-Philippines is an alliance of volunteer private organizations mandated by the UNDRR to support the attainment of the goals and targets of the Sendai Framework for Disaster Risk Reduction 2015-2030. Leading the network by providing strategic directions and guidance is the Board of Directors (BOD).

## Board of Directors



**Hans T. Sy**  
Co-Chair



**Alexander P. Pama**  
Co-Chair



**Atty. Alexander B. Cabrera**  
Vice Chair



**Dr. Ma. Teresita Medado**  
Treasurer

## Members



**Ma. Antonia Yulo-Loyzaga**  
National Resilience Council (NRC)



**Rene Meily**  
Philippine Disaster  
Resilience Foundation (PDRF)



**Dr. Marqueza L. Reyes, EngD**  
Asian Institute  
of Management (AIM)



**Maribeth Marasigan**  
Aboitiz Foundation



**Engr. Ador Canlas**  
Philippine Institute of Civil  
Engineers (PICE)



**Raymond Rufino**  
NEO



**Jose Edgardo Sunico**  
Unilever Philippines

# Strategic Framework for Action

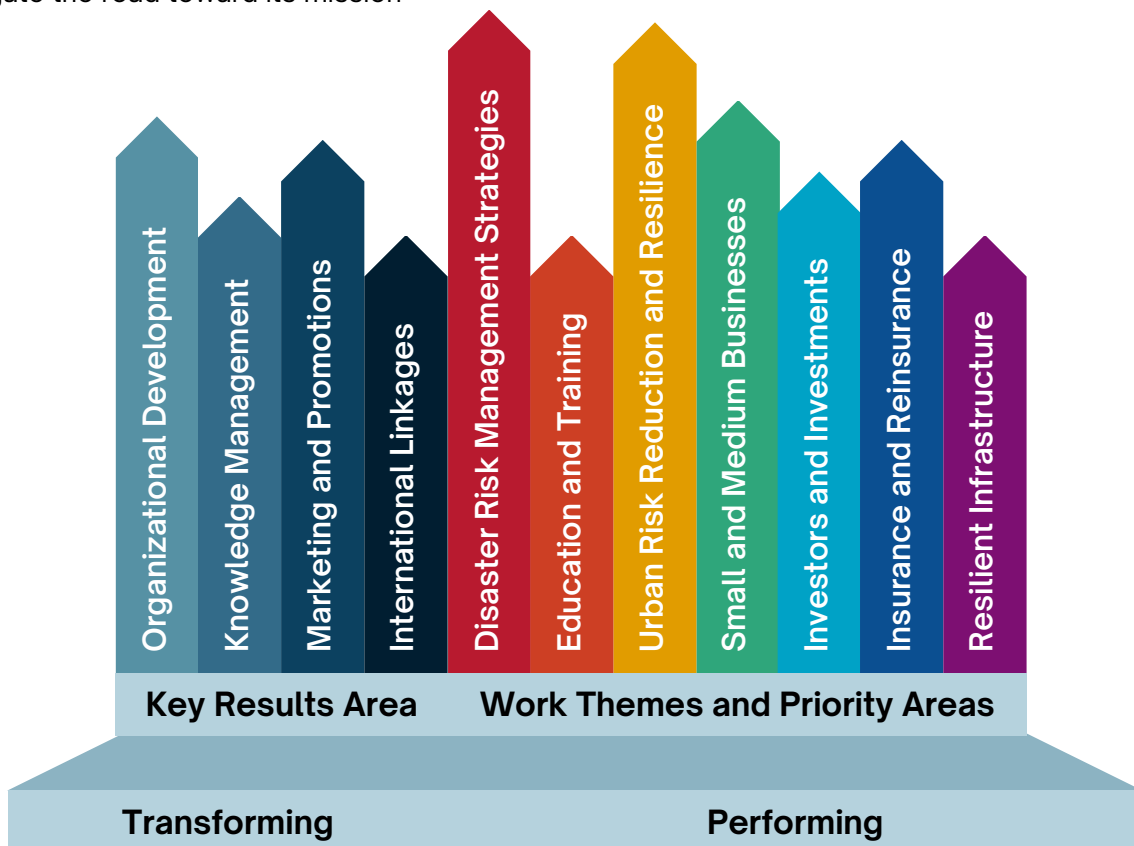
# ARISE-Philippines 2022

The 2022 ARISE-Philippines Annual Report showcases the strategy, actions and results following our two-pronged approach to internally transforming our operations which affects how the Network performs guided by our mission, vision and commitments to implement the Sendai Framework for Disaster Risk Reduction 2015-2030.

The document shares the Network’s various programs and projects guided by ARISE-Philippines’ operational framework organized into three Work Themes (Disaster Risk Management Strategies, Education and Training and Urban Risk Reduction and Resilience) and four Priority Areas (Small and Medium Businesses, Investors and Investments, Insurance and Reinsurance and Resilient Infrastructure). 2022 proved to be a fruitful year as presented in the succeeding pages showing the different initiatives that harnessed the best practices of the Network members and shared with a larger group of stakeholders. These reflect the Network’s adherence to the goal of making resilience for all possible.

The 2022 Annual Report also features activities led by the ARISE-Philippines Secretariat which paved the way to increase awareness, interest and eventual partnership with the Network. Moreover, this report shares the engagements and other activities both at the local and international level.

With an invigorated community at ARISE-Philippines, it is vital to forge synergy to sustain and scale the Network’s actions for disaster risk reduction and resilience for all. 2021 was the pilot year for our strategic framework to focus on a two-pronged approach of transforming while performing to navigate the road toward its mission



## Transforming

ARISE-Philippines continually refines the organization's efforts to effectively and efficiently perform our mandate as a network. This we do by constantly scaling up and refining the ways and means of accomplishing our activities as individual members or collectively as a network to achieve our mission and help attain the SFDRR Goals. We ensure continuous development through knowledge management, marketing and promotions, organizational development, and international linkages.

ARISE-Philippines Secretariat routinely conducts one-on-one meetings with the members of the Board of Directors and the different lead organizations for each Work Theme and Priority Area. These meetings provide inputs to the Board in setting the Network's priorities and insight on harmonizing and synergizing members' actions to accomplish the network's mission towards resilience.

To continuously improve the process in the engagement of the Network's members, a Knowledge Management System (KMS) App was developed to optimize efficiency and for purposes of organizational transformation. The KMS application, a web-based software designed by the students and led by Dr. Ma. Teresita Medado of the Asia Pacific College (APC), will serve as a platform for all members to store and share data on matters related to DRR and other relevant information. SM Prime Holdings Inc.'s Information Technology Department also assists ARISE-Philippines and APC in fulfilling this endeavor.

The KMS App is now in its design and prototyping stage.

## Performing

In the performance of our mandate, ARISE-Philippines network members have the option to join in any Work Theme (WT) and Priority Area (PA) where their current or prospective DRR-related activities are aligned with. They undertake their respective programs and activities in coordination with the Secretariat, the WT, and PA Leads. These various DRR and resilience activities of members/partners are coordinated and harmonized to achieve more optimum outputs and outcomes. Partners are also encouraged to individually report and share information about their disaster resilience activities through the voluntary commitments program of the SFDR.

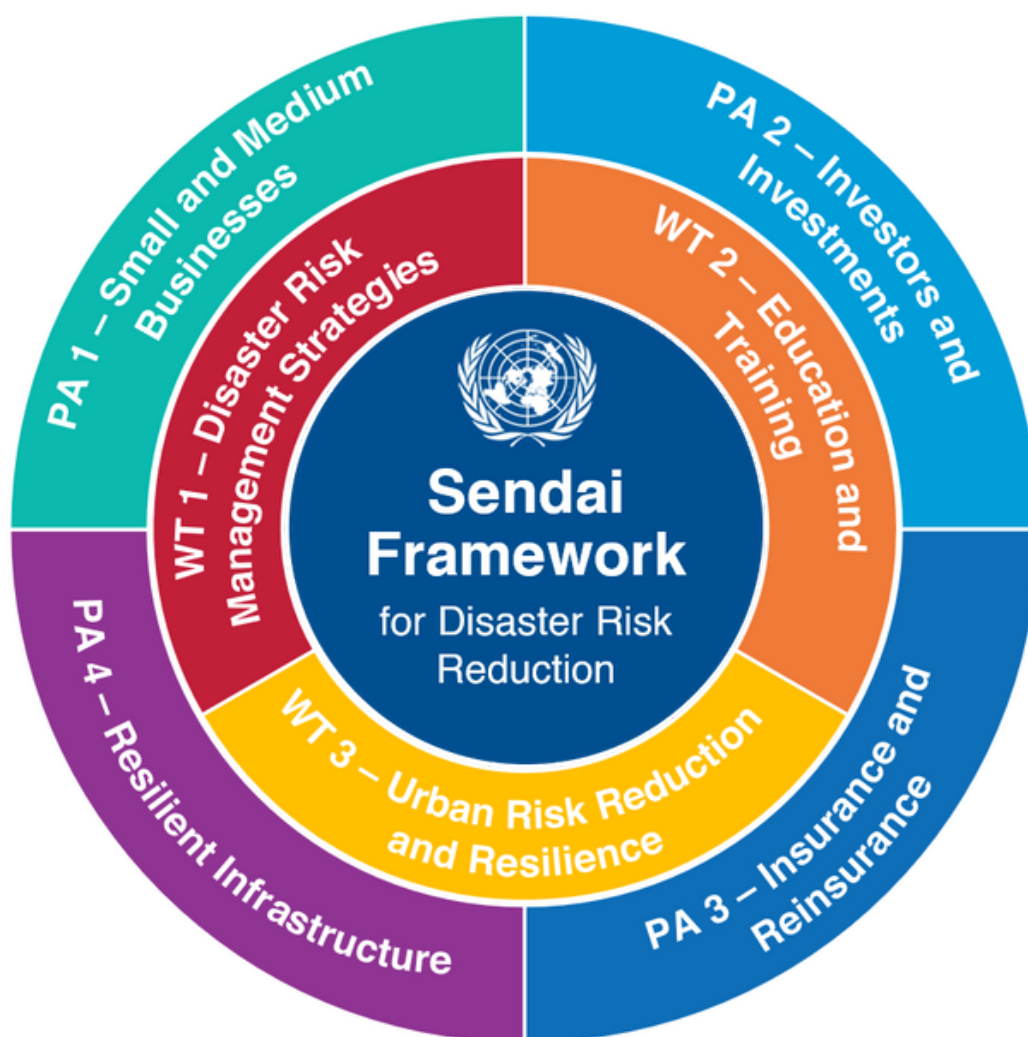
The four Work Themes (1) Disaster Risk Management Strategies or DRMS; (2) Education and Training; and (3) Urban Risk Reduction and Resilience – and the four Priority Areas on (1) Small and Medium Enterprises or SMEs; (2) Investors and Investments; (3) Insurance and Reinsurance; and (4) Resilient Infrastructure established the operational framework of the Network. ARISE-Philippines Secretariat closely collaborated with the WT and PA leads and assisted their needs in their initiatives conducted to strengthen the execution of their vision.

## Operational Framework

# ARISE-Philippines 2022

As shown in the Strategic Direction, ARISE-Philippines performs its mandate guided by the Work Themes and Priority Areas which serve as its Operational Framework. The three Work Themes are organized to help initialize DRR strategies and programs that could support fostering resilience across communities through a perceived joint effort with both the public sector and non-government organizations while recognizing the vital role of the academe.

The four Priority Areas (PA) help the Network in fulfilling the ARISE Global goals set based on the Key Performance Indicators. Each PA contributes and organizes the members' initiatives toward the target groups.



# ARISE-Philippines 2022

## Work Themes

The organization of ARISE-Philippines’ Work Themes (WT) in 2021 served the Network very well as it knitted the intersecting and interrelating spheres of Disaster Risk Management, Education and Training, and Urban Risk Reduction and Resilience in achieving harmonized pathways to resilience.

This section will highlight all initiatives and programs launched and accomplished in 2022, either in collaboration with ARISE-Philippines, in partnership with other organizations, or those undertaken individually by the members with the common goal of building more resilient communities.

### Work Theme 1 — Disaster Risk Management Strategies

#### LEAD: NATIONAL RESILIENCE COUNCIL

**Ma. Antonia Yulo-Loyzaga**  
President



#### NRC Colloquium 2022, From Risk to Resilience: Transforming Science into Action

The National Resilience Council (NRC) held the NRC Colloquium 2022 with the theme, “From Risk to Resilience: Transforming Science into Action.”

The event featured the Local Chief Executives of NRC’s local government partners, presented the highlights of their resilience journeys in the face of compound hazards, and revealed systemic risks.

The lessons from their experiences delivered new insights into systems thinking and participative risk governance, particularly in multi-stakeholder engagement and public-private partnerships.

The colloquium was conducted online on March 23, 2022, in collaboration with the Carlos P. Romulo Foundation, SM Prime Holdings, Inc., ARISE-Philippines, San Miguel Corporation, Alliance Global, BPI Foundation, ICTSI, Aboitiz Foundation, and the Zuellig Family Foundation.

**NRC COLLOQUIUM 2022**  
From Risk to Resilience: Transforming Science Into Action

Register at [bit.ly/2022nrc](http://bit.ly/2022nrc) | March 23, 2022 | 9:00 am - 12:30 pm (PHT)

**WELCOME MESSAGES**

- SEC. DELFIN LORENZANA**, Secretary, Department of National Defense and Co-Chair for Government, NRC
- MR. HANS SY**, Chairman, SM Prime and Co-Chair for the Private Sector, NRC
- MS. ANTONIA YULO LOYZAGA**, President, NRC

**KEYNOTE MESSAGES**

- MS. MAMI MIZUTORI**, UN Secretary General's Special Representative for Disaster Risk Reduction and Head, UN Office for Disaster Risk Reduction (UNDRR)
- SEC. EDUARDO AÑO**, Secretary, Department of the Interior and Local Government (invited)
- DR. RAJIB SHAW**, Co-Chair, UNDRR Asia Pacific Science and Technology Advisory Group (AP-STAG) (invited)

**PUBLIC NARRATIVES OF LOCAL CHIEF EXECUTIVES**

- HON. ALBERT GARCIA**, Governor, Province of Batangas
- HON. OSCAR MORENO**, Mayor, Cagayan de Oro City
- HON. JERRY TREÑAS**, Mayor, Iloilo City
- HON. MADELAINE ALFELOR**, Mayor, Isga City
- HON. NELSON LEGACION**, Mayor, Naga City
- HON. RICHARD GOMEZ**, Mayor, Davao City
- HON. ISABELLE CLIMACO**, Mayor, Zamboanga City
- HON. FRANCISCO DOMAGOSO**, Mayor, Manila City

**REACTIONS**

- MR. MARCO TOSCANO-RIVALTA**, Chief, UNDRR Regional Office for Asia and the Pacific
- MR. AUSTERE PANADERO**, Executive Director, Zuellig Family Foundation and Vice Chair for CSOs/NGOs, NRC
- DR. CATALINA CABRAL**, Undersecretary, Department of Public Works and Highways
- DR. EMMA PORIO**, Project Lead, Coastal Cities at Risk in the Philippines (CCAR-PH) and Professor, Ateneo de Manila University
- VADM. ALEXANDER PAMA**, Co-Chair, ARISE Philippines

#BounceForwardTogether

## 2022 Asia Pacific Science and Technology Conference for DRR

On April 7 - 8, 2022 NRC convened the Asia Pacific Science and Technology Conference for Disaster Risk Reduction, where experts, decision-makers, policymakers, and industry leaders from the Asia Pacific region shared their experiences and showcased accomplishments on the use of science and technology to address compound, cascading, and systemic risks at global, regional, national, and local levels.

Some of the objectives of the conference were to foster exchanges on the contribution of science and technology (S&T) to inclusive risk governance, define the contribution of the Asia Pacific region to the implementation of global frameworks and roadmaps related to S&T for DRR, and review the grant of S&T in the area to the performance of the Sendai Framework to be reflected in the Mid-Term Review of the Sendai Framework.



## Pilot Testing of the Filipino Translation of the UNDRR's COVID-19 QRE Tool for MSMEs

In July and August of this year, NRC, in collaboration with ARISE Philippines, officially launched online the two pilot testing sessions for the Filipino Translation of the UNDRR's COVID-19 Quick Risk Estimation Tool for MSMEs. This culminated in the National Resilience Council's support to the UP Institute for Small-Scale Industries (UP ISSI) in completing the Filipino translation of UNDRR's Quick Risk Estimation (QRE) Tool.

This easy-to-use application helps Micro, Small, and Medium Enterprises (MSMEs) ensure business continuity by assessing their risks relative to COVID-19. Translating the tool into the Filipino language aims to help MSMEs, including those in the informal sector, better understand their exposure and vulnerability to disaster risks, especially in the context of the COVID-19 pandemic. It aims to provide a general estimation of individual business risk based on potential impact and likelihood.



## NRC President accepts new role as DENR Secretary

A significant milestone for the organization was the appointment of the President of NRC, Maria Antonia Yulo-Loyzaga, as the new Secretary of the Department of Environment and Natural Resources (DENR) where she formally assumed office on July 21, 2022. In her assumption speech, Secretary Yulo-Loyzaga emphasized the DENR's crucial role in accounting for the country's natural resources, building resilient communities through risk-sensitive and balanced development of resources, and the need to combat climate change emergency through practical climate change adaptation measures, among others.



## Preliminary Consultations for Project Transform Resilience Scorecard

The National Resilience Council concluded its Preliminary Consultation on the Transform Resilience Scorecard conducted from 27-28 September 2022 in Tagaytay City. Representatives from the National Government Agencies attended the consultation: Department of Social Welfare and Development, DepEd Disaster Risk Reduction and Management Service, Commission on Higher Education (CHED), DENR Climate Change Service, National Housing Authority, and DTI Philippines. On the second day, we were also joined by our Academic partners from Bataan Peninsula State University - Balanga Campus, Visayas State University, Xavier University - Ateneo de Cagayan, Ateneo de Zamboanga University, and Ateneo de Naga University.



The Transform Scorecard is one of three phases of the Resilient Local Government Systems Scorecard, which defines the critical actions and measures that LGUs can take to achieve resilience. The NRC's LGU partners use the Scorecard to determine their preparedness, adaptation, and transformation actions guided by the NRC's Leadership and Governance and Science and Technology frameworks. Human development, Local economy, Infrastructure, Human Security, and the Environment are among the essential LGU systems covered by the scorecard.



This preliminary consultation seeks input and suggestions from NGAs on how the national government can enable LGUs to change existing systems to achieve resilience. During the two-day session, NGA representatives actively discussed the foundations for LGU transformation, including the enabling environment, scientific and technological advances, behavioral change, national policies, plans, programs, strategies, and frameworks. A second round of consultation and bilateral meetings will be held with NGAs and other stakeholders to finalize the Transform Scorecard.

The meeting provided an opportunity for our Academic Partners to discuss ways to transform their institutions in preparation for the Transform phase of the Resilient LGU program, which would involve them in providing transdisciplinary support to their respective partner LGUs.

### **NRC's Resilience Framework presented in 2022 DENR Multi-stakeholder Forum**

NRC was also invited to the 2022 DENR Multi-Stakeholder Forum at the Diamond Hotel, Manila, on October 5-7. Mr. Silvestre Barrameda Jr., NRC's Executive Director, presented their organization's Resilience Framework and our Multi-stakeholder Partnership and Transdisciplinary model for resilience at the said event.





## MOA signing between NRC and League of Corporate Foundations toward DRR and Resilience

NRC and the League of Corporate Foundations (LCF) signed a Memorandum of Agreement at the closing ceremony of the LCF-CSR Expo 2022 to work together to foster knowledge-based enabling environments for evidence-informed risk governance and disaster resilience. One of their initial activities was “Disaster Risk and Resilience 101: A Briefing for Corporate Foundations”.

During the forum, NRC and LCF shared innovative pathways for corporations to work closely with local governments, academic partners, and communities to improve capacity, reduce exposure and vulnerability, and transform the climate and disaster risk landscapes locally through sustainable investments. The webinar also discussed how corporate foundations could shift their focus away from their traditional role as donors during disaster response to long-term programs that build resilience and ensure sustainability.

NRC also introduced the Resilience STARS Award, which seeks to recognize resilience champions in various sectors and communities who have made significant contributions to disaster risk reduction and climate change adaptation and mitigation in their respective communities despite complex and systemic challenges. This new award program will also focus on and promote local leadership and innovative solutions that contribute significantly to disaster resilience while highlighting the significance of strategic collaboration and partnerships that foster innovation.



## NRC, ARISE-Philippines and Philippine Air Force collaborate on resilience initiatives

On November 5, 2022, NRC, ARISE-Philippines, and the Philippine Air Force met to discuss developing partnerships to work together on resilience initiatives across the country. The parties agreed to collaborate to improve PAF’s humanitarian response in the country through risk-based prepositioning of assets and goods and to understand better disaster risk in their bases through science and technology-based risk assessment.



## NRC enjoins National Government Agencies for an Open Government and Participatory Governance

The DILG-NCR, together with the Department of Budget and Management (DBM) and the Philippine Information Agency National Capital Region (PIA-NCR), partners with the National Resilience Council (NRC) as Co-Convenor for “Dagyaw: Open Government and Participatory Governance Town Hall Meeting.” The signing ceremony was held on November 8, 2022, at the DBM Executive Lounge, Manila.

It was rolled out on November 15, 2022, at the New Coast Hotel, Manila, bearing the theme, “Likás-Kaya: Kalinga, Kaligtasan, at Katatagan sa Pandemya” (Fostering Multi-Sectoral Convergence through Social Accountability). The town hall meeting was conducted to foster multi-stakeholder collaboration in tackling cross-cutting issues in the country’s transportation and education systems, disaster risk resilience, and post-pandemic recovery.

NRC Executive Director Mr. Silvestre Barrameda, Jr. stressed that the partnership is envisioned to create more opportunities for civil society to meaningfully engage in government processes toward addressing local issues and challenges.



## 2022 Milestones on Adopt-a-City Program

One of the continuing and scaling programs of NRC is the Adopt-A-City. It is an innovative program of the NRC as a pathway for businesses to collaborate directly with local governments, academic partners, civil society organizations, and communities in transforming local climate and disaster risk landscapes. It continues to scale with additional engagements started with various businesses and LGUs in 2022.

On November 11, 2022, Iligan City Mayor Frederick Siao signed a memorandum of understanding with the Aboitiz Foundation, Pilimico Foods Corporation, Mindanao State University - Iligan Institute of Technology, the Carlos P. Romulo Foundation, and the National Resilience Council for a three-year partnership towards building a disaster- and climate-resilient city in Mindanao.



The three-year program includes tracks in Leadership & Governance (L&G) and Science & Technology (S&T) to guide and empower the City Government of Iligan in developing and implementing scientific and technology-based plans, policies, and systems to make their city resilient. The program will specifically look at strengthening the five pillars for resilient cities: human development, local economy, environment, infrastructure, and human security.

The inked MOU marks the beginning of Iligan City's resilience journey. Shortly after the signing, members of the local DRRM council convened for a work planning session using the Resilient Local Government Systems Scorecard of NRC. Iligan City has agreed to reconstitute the local DRRM council as the local resilience council and to include the private sector and academic partners. The city has also decided to complete a training series on climate and disaster risk assessment, systems thinking, and bridging leadership in 2023.

NRC's 2022 ended on a high note, being officially a part of the implementers of the Strengthening Institutions and Empowering Localities Against Disasters and Climate Change (SHIELD) Programme funded by the Australian Government. On December 12, the United Nations Development Programme in the Philippines (UNDP Philippines) and Northern Samar started the Memorandum of Understanding for the SHIELD Programme.

It is a strategic collaboration aiming to accelerate province-wide resilience-building efforts and create a Climate Disaster Assessment and Comprehensive Land Use Plan through inter-organizational cooperation. The SHIELD Programme was founded on risk-informed and data-driven strategies while supporting sustainable agriculture, economic development, and physical and social infrastructure.

## Work Theme 2 — Education and Training

### LEAD: MANILA OBSERVATORY

Fr. Jose Ramon Villarin, SJ  
Executive Director



### SE Asia Regional Workshop on Loss and Damage 2022

On August 22-25, 2022, the Manila Observatory (MO), in partnership with Chiang Mai University School of Public Policy and The Samdhana Institute, conducted the Southeast Asia Regional Workshop on Loss and Damage 2022: Making Sense of and Responding to Loss and Damage at Panglao, Bohol, Philippines.

Field visits to the island communities of Batasan and Pangapasan of the Municipality of Tubigon, Bohol, which are experiencing partial to complete flooding even during normal spring tides, were conducted as part of the 4-day workshop. Focused group discussions were held among the participants and members of the local community to make sense of responding to loss and damage (L&D) on a practical scale.



The workshop intended to strengthen the call for the inclusion of L&D finance in the agenda of COP27. Dr. Tony Laviña, Associate Director for Climate Policy and International Relations of MO, defined loss and damage as the human obligation to either restore communities to where they were before disaster struck or to put them in a better place where they can adapt. He emphasized that this finance facility must be decentralized and designed to prioritize marginalized communities and sectors. Participants from the Philippines, Indonesia, Myanmar, Cambodia, Thailand, and Vietnam discussed the concept of L&D in Southeast Asia.

As a result of this workshop, MO and their mentioned partners released a policy brief in November 2022 entitled “Loss and Damage: Perspectives from Southeast Asia.” The paper discusses L&D financing in Southeast Asia and delves into the climate justice issue.



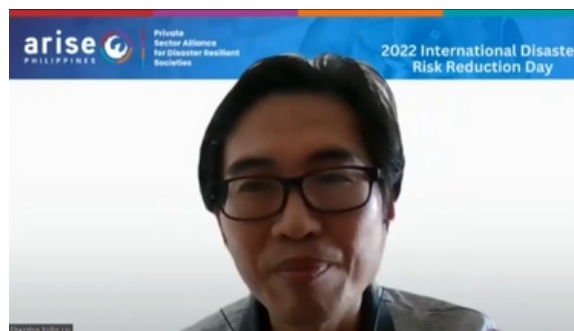
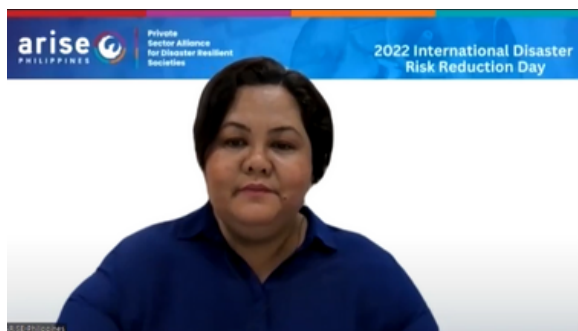
MO, as part of ACT2025 (Allied for Climate Transformation by 2025) with its partner, the International Centre for Climate Change and Development (ICCAD), held a side event entitled “Beyond Dialoguing to Action and Support to avert, minimize and address and loss and damage” at COP27 in Sharm El Sheikh, Egypt. According to Laviña, the parties have a “global obligation for restitution.”



The side event highlighted that L&D should be treated as a funding facility for stricken communities to maintain their dignity and transform their way of living into a sustainable and resilient future.

### MO’s Project in Multi-Hazard Early Warning Systems presented in the 2022 ARISE Global Annual General Meeting

Meanwhile, Dr. Sherdon Niño Uy of MO presented virtually at the 2022 ARISE Global Annual General Meeting on November 10, 2022, to discuss their project on High-Definition Clean Energy, Climate, and Weather Forecasts as part of a multi-hazard early warning system (EWS) theme to raise awareness and mobilize action for more significant investment in expanding EWS and early action for all. He was also one of the speakers in the two-part video podcast sessions of the ARISE-Philippines in celebration of International Disaster Risk Reduction Day.



## Survey of Disaster Risk Reduction and Management academic programs in the Philippines

In 2021, a concerted effort among members of the Work Theme 2 led by the Manila Observatory kicked-off the survey of Disaster Risk Reduction and Management academic programs in the Philippines. The increasing frequency and intensity of extreme weather events and other disaster risk compel all stakeholders to work together and find better solutions to manage and reduce (where possible) our exposure and vulnerabilities to disaster. To this end, we need to get more passionate and committed individuals properly trained in the emerging field of resilience, disaster risk reduction and disaster management.

The survey intended to reach out to all institutes of higher learning across the country to map out the various academic programs focused on resilience, disaster risk reduction or disaster risk management and promote these programs so as to form more leaders and managers who can lead the way in building a resilient world.

With the help of the Commission on Higher Learning Education, the updated list of schools offering DRR/DRM programs was identified in 2022. The Network will continue to promote these programs across all available platforms of ARISE-Philippines and its network both within and outside the Philippines.

**CHED APPROVED DRRM PROGRAMS**

- ISABELA STATE UNIVERSITY-CABAGAN CAMPUS**  
Cabagan, Isabela  
• Master of Science in Disaster Risk Management-Climate Change Adaptation
- BATANGAS STATE UNIVERSITY-MAIN**  
Batangas City  
• Master in Disaster Risk Management  
• Diploma in Disaster Risk Management
- CENTRAL BICOL STATE UNIVERSITY OF AGRICULTURE**  
Pili & Pasacao, Camarines Sur  
• Master of Science in Disaster Risk Management  
• Diploma in Disaster Risk Management
- BICOL UNIVERSITY-MAIN**  
Legazpi City, Albay  
• Master of Public Administration major in Health Emergency and Disaster Management  
• Doctor of Medicine-Master of Public Administration major in Health Emergency and Disaster Management
- DAVAO DEL NORTE STATE COLLEGE**  
Panabo City  
• Bachelor of Science in Disaster Resiliency and Management
- ASIAN INSTITUTE OF MANAGEMENT**  
Makati City  
• Executive Master in Disaster Risk and Crisis Management (EMDRCM)
- OUR LADY OF FATIMA UNIVERSITY-VALENZUELA**  
Valenzuela City  
• Master of Arts in Nursing major in Disaster Emergency Management
- UNIVERSITY OF BAGUIO**  
Baguio City  
• Master in Crisis and Disaster Risk Reduction Management

## Work Theme 3 — Urban Risk Reduction & Resilience

### LEAD: BUILD CHANGE

**Girlie Lopez**  
Country Programs Manager



### “Builders’ Training” program of Build Change and ASKI Group of Companies

Build Change and ASKI Group of Companies, Inc. renewed their partnership in March 2022 in developing a scalable housing finance program to save lives from earthquakes and typhoons, catering to the most vulnerable sector by promoting disaster-resilient construction practices and appropriate financing. One of their partnership activities is the “Builders’ Training” in preparation for the Disaster Resilient Housing Program in the province of Isabela.

## Build Change partners with NDRRMC and OCD for National Disaster Resilience Month 2022 activity

During the celebration of National Disaster Resilience Month 2022 (NDRM), Build Change participated in NDRRMC's event with the theme, "Sambayanang Pilipino, Nagkakaisa tungo sa Katatagan at Maunlad na Bansa." They prepared a presentation on their Theory of Change aligned with the four themes of this year's NDRM: Prevention and Mitigation, Preparedness, Response, and Rehabilitation and Recovery.



## Post Typhoon Assessment in Nueva Ecija after the Typhoon Karding

In collaboration with ASKI Foundation, Build Change conducted a Post Typhoon Assessment in areas of Nueva Ecija affected by Typhoon Karding/Noru, which made landfall on September 25, 2022.

A total of thirteen (13) houses were visited. Seven (7) were under the Disaster Resilient Housing Microfinance Program (DRHMP). The program offered incremental strengthening interventions as means of disaster prevention and mitigation.



## Homeowners' and Builders' Training on Disaster Preparedness, Roof Kit and Building Back Safer

A series of training sessions called the "Homeowners' and Builders' Training on Disaster Preparedness, Roof Kit and Building Back Safer" was organized by Build Change this year. These training were intended to educate select homeowners about Disaster Preparedness and their roof capacitate local builders on how to build back safer timber houses using Build Change's site safety and inspection guide.

On October 17-19, the training was held at the local government of Sibunga, Cebu City, in collaborative partnership with Philippine Disaster Resilience Foundation (PDRF).



One of the most recent initiatives of Build Change, ARISE-Philippines' lead for Work Theme 3: Urban Risk Reduction and Resilience, is the Disaster Resilient Housing Microfinance Program. It addresses poorly built houses of select low-income families affected by super typhoon Rolly (Goni) in the Philippines. These families suffer the cyclical problem of damage due to typhoons and earthquakes, resulting in economic loss and deaths.

The program is implemented by gradually strengthening these families through microfinance institutions, impacting their lives through safer and better houses and peace of mind from disaster risks.

# ARISE-Philippines 2022

## Priority Areas

The Priority Areas (PA) will help in the fulfillment of the ARISE Global goals set on the basis of the Key Performance Indicators. Each PA contributes and organize members initiatives towards the target groups which includes the Small & Medium Enterprises, Investors and Investments, Insurance and Reinsurance, and Resilient Infrastructure that requires timely support and promotion.

This section will highlight all initiatives and programs launched and accomplished in 2021 either in collaboration with ARISE-Philippines, in partnership with other organization or undertaken individually by the members as long as they were addressed to the needs of the targeted groups which requires further assistance.

### Priority Area 1 — Small & Medium Businesses

#### LEAD: PHILIPPINE DISASTER RESILIENCE FOUNDATION

**Rene Meily**  
President



#### MSME Resilience Toolkits

The Philippine Disaster Resilience Foundation (PDRF), the ARISE-Philippines lead for Priority 1, has been undertaking several activities to create tools to boost the resilience capacities of micro, small, and medium enterprises (MSMEs). While these are ongoing, the foundation launched more new innovative online MSME resilience tools this year, like the “Disaster Risks and Disaster Preparedness Needs Assessment Checklist (DRDPNAC) and “Business Continuity Capability Checklist.” DRDPNAC is designed to provide a tool that MSMEs can use to gauge their vulnerability to disaster risks and ascertain their own needs in terms of knowledge, skills, and resources to avoid, reduce, or mitigate the impacts of disasters in their businesses.



PDRF also launched an online guide that aims to help MSME owners and managers how to self-accomplish the business continuity capability and a readiness assessment checklist. It is called the “Business Continuity Capability Checklist.” The two MSME Resilience Tools were disseminated through the App: Philippine Preparedness Partnership (PhilPrep) PhilPrep, and the National MSME Resilience Core Group (RCG) networks.

Aside from PDRF, RCG is composed of the Department of Trade and Industry (DTI), Department of Science and Technology (DOST), Office of Civil Defense (OCD), Philippine Chamber of Commerce and Industry (PCCI), Philippine Exporters Confederation (PHILEXPORT), Employers Confederation of the Philippines (ECOP), Asia Pacific Alliance for Disaster Management-Philippines (APAD-PH), and the Asian Disaster Preparedness Center (ADPC).

These two tools were launched on June 27, 2022, in time with the MSME Day. Tagalog versions of these resilience tools for MSMEs were launched in August 2022. It is available as pen-and-paper checklists or online at <https://iadapt.pdf.org/PHILPREPTools/>. As of December 2022, 528 MSMEs have already accessed the MSME Tools.

### TATAG MSME Book launched to inspire through stories of resilience

A component of PDRF’s business continuity programs for MSMEs is gathering practical lessons and stories of recovery from small business owners affected by previous disaster events.

With this endeavor, PDRF launched a new MSME book called “Tatag: Stories of MSME Disaster Resilience.” The book features twelve inspiring stories from MSMEs all over the country, chronicling examples of how Filipinos were able to cope and manage the disasters of the pandemic, isolation, and natural calamities. It aims to provide an avenue for these stories and lessons learned to reflect on the qualities that make an MSME resilient,



especially during times of disasters and disruptions. The project is in collaboration with Asian Preparedness Partnership, the Philippines Preparedness Partnership, and Asian Disaster Preparedness Center. You can read Tatag at [this link](#).

### Business Continuity Mentorship Program and Consultation Sessions

PDRF also continues with its activity called Business Continuity Mentorship Program. The output included a documented business continuity plan (BCP) and a roadmap. In their Catanduanes Recovery Project in partnership with the Department of Trade and Industry (DTI) - Catanduanes, Business Continuity Planning sessions were also conducted for two batches of MSMEs from 11 Catanduanes municipalities and DTI representatives. Digital marketing and financial literacy are some of the topics included in formulating the BCPs.





## Farmers Field School launched in Catanduanes

PDRF opened the first Farmers Field School on Abaca Production cum Integrated Diversified Organic Farming System in two barangays in Virac and San Andres, Catanduanes, with the support of the Conrad N. Hilton Foundation. The school aims to address the issues abaca farmers face and establish a Techno Demo Farm for abaca production that follows Good Agricultural Practices to ensure sustainability and recovery of the abaca industry in the province. This 6-month project will also equip 60 abaca farmers with additional knowledge and skills on abaca production and provide other sources of income by integrating and promoting diverse farming systems.



## MSME support for the Municipality of Del Carmen, Surigao del Norte

PDRF administered a Branding and Marketing Workshop for MSMEs for the Women's Cooperative in the Municipality of Del Carmen, Surigao del Norte, Philippines. A three-day training workshop on December 05-07, 2022, capacitated the women cooperative members and other stakeholders on product and business development to utilize, particularly the sewing machines and embroidery machines donated by UNDP Philippines. These donations support the affected communities in Del Carmen due to the onslaught of Typhoon Odette last December 2021.



## Priority Area 2 — Investors and Investments

### LEAD: ABOITIZ FOUNDATION

Maribeth Marasigan  
President and Chief Operating Officer



### Survey campaign on Disaster Risk Informed Investments

A survey on Disaster Risk Informed Investments was rolled out on December 28, 2021, and an intensive campaign of the Network was implemented to encourage members to participate in the mentioned survey. The survey was pushed even more in the first quarter of 2022, with individual members requesting to respond to the study accordingly.

At the end of March 2022, there were 20 members respondents. The survey intends to identify the prevailing sentiment of the private sector in terms of assessing their disaster risks and factoring these risks into their financial decisions; draw out opportunities for further research and study on developing network recommendations for policies and potential legislations and establish a baseline for assessing improvements in PA 2.

In keeping with the directives of the global network, ARISE-Philippines, through its Priority Area on Investments and Investors (PA 2) Lead, the Aboitiz Foundation, is spearheading efforts to drive the financial and investment sector to incorporate disaster risks consideration in their decisions.

### Launching of the Call for Papers on Mainstreaming Disaster Risk Informed Investment

Among the key initiatives of PA 2, under two of the five critical commitments of ARISE-Philippines - raising awareness and sharing knowledge, is the public call for papers on disaster risk-informed investments.

Call For Papers on Mainstreaming Disaster Risk Informed Investment is an effort to promote, educate and draw academic papers on the topic of disaster risk-informed investments with the intent of having the best submission be presented to both ARISE and non-ARISE members in a public forum and published on both local and international channels. The project's output will serve as material for the continuing promotion of disaster risk-informed investments since the concept is still in its preliminary stage.

The project is a collaboration of the Aboitiz Foundation with the Junior Tourism and Hospitality Management Association of the Philippines, also a member organization of the ARISE-Philippines. The Call for Paper was launched on November 19, 2022. Submissions of academic papers will focus on disaster risk-

informed investment in the field of Tourism and Hospitality education to influence the industry to strengthen its engagement in DRR and resilience. Implementing this project will also promote an early inclination among the new breed of future professionals and entrepreneurs on the importance of engaging in risk-informed investments for business sustainability.



### Resilient.PH partners with Aboitiz Foundation for the implementation of Resilience Reporting Tool

In celebration of the 2022 National Disaster Resilience Month, a webinar entitled “Resilience Reporting Tool: Mainstreaming Disaster Risks and Resilience Disclosures in the Private Sector” was held online, spearheaded by Resilient.PH with Aboitiz Foundation and ARISE-Philippines as its significant collaborators.

The Resilience Reporting Tool, or RRT, is a transformational tool to guide organizations in managing their environmental, social, and governance performance. The webinar served as a pilot run of RRT and received appreciation from practicing sustainability officers from the participants.

Mr. Josren Carpio and Mr. Ace Esmeralda of The Resilient.PH, the leading proponents of the tool, are honing the business model of this innovation to make it a sustainability standard and framework for organizations.

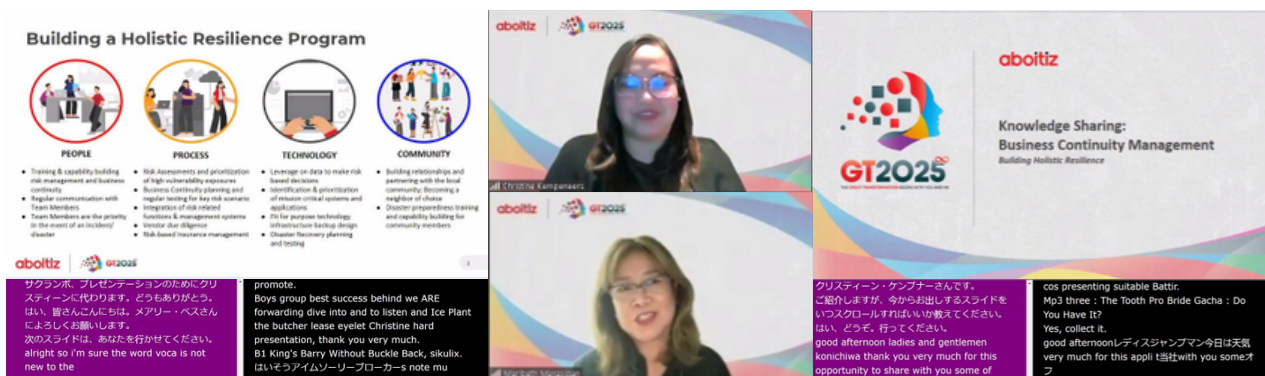
On November 7, they discussed RRT with the Masters in Business Administration students of the Asian Institute of Management.



## Knowledge Sharing Sessions in collaboration with ARISE Japan

Knowledge Sharing Sessions (KSS) with ARISE Japan are included in Aboitiz Foundation’s initiatives under PA 2, allowing each network to discuss means of integrating disaster and climate risk into investment decisions. The last leg of this KSS series was held via Zoom on November 25, 2022, with attendees coming from members of both ARISE networks.

Ms. Christine Kempeneers of the Aboitiz Equity Ventures, also representing ARISE-Philippines, was one of the event’s speakers together with ARISE Japan’s Mr. Yoichi Murashima of Kokusai Tokyo Co. Ltd. The session provided insights and initiatives being undertaken by ARISE Japan to make their operation address the continuing threats of climate change and other forms of risk.



## Priority Area 3 — Insurance and Reinsurance

### LEAD: PHILIPPINE INSURERS AND REINSURERS ASSOC.

**Michael Rellosa**  
Executive Director



Through the Philippine Insurers and Reinsurers Association (PIRA), ARISE-Philippines is still on its mission to raise awareness of insurance's critical role in building the resilience of businesses and communities.

### 2nd Virtual Philippine Insurance Summit

An online Insurance Webinar, “The 2nd Virtual Philippine Insurance Summit,” commenced June 22-23, 2022, through PIRA and cooperation with the Insurance Institute for Asia and the Pacific (IIAP). The summit’s theme is “Climate Change: The Role of the Insurance Industry and the Public Sector.”

The two-day summit featured topics on the role of insurance in addressing climate change. Mr. Marco Toscano-Rivalta, Chief of the Regional Office for Asia and the Pacific of the United Nations, was the Keynote Speaker. Mr. Raymond Rufino, CEO of NEO, also joined as one of the webinar’s speakers.



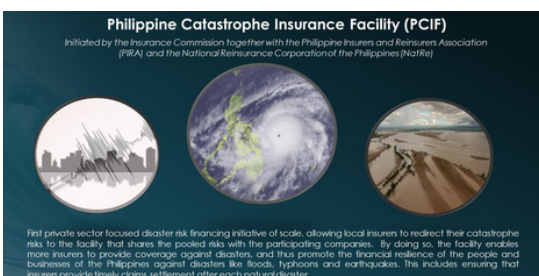
## PIRA conducts Knowledge Sharing Session with ARISE Japan

PIRA led the third part of the ARISE-Philippines' Knowledge Sharing Session series with ARISE Japan as the topic centered on insurance under PA 3. ARISE-Japan's presenter was Ms. Hiroko Urashima of MS&AD Insurance Group Holdings, Inc., with the subject, "Insurance as Risk Managers," while Mr. Michael Rellosa, Executive Director of PIRA presented the topic, "Insurance Industry's Response to Address DRR Issues" on behalf of the ARISE-Philippines. Ms. Yuki Matsuoka (Head, UNDRR Japan), Mr. Masato Takamatsu (President of Tourism Resilience Japan and ARISE Japan Lead), Ms. Sarah Wade-Apicella (Head, UNDRR Partnership and Stakeholder Engagement) and Mr. Erick Gonzalez Rocha (Programme Management Officer, UNDRR) were also present as speakers of the mentioned webinar.



## Philippines Catastrophe Insurance Facility

An initiative from the insurance industry in response to the call for a whole-of-society approach to addressing climate change and disasters in the Philippines started brewing this year through the direction of the Insurance Commission. It is called the Philippine Insurance Catastrophe Facility (PCIF). PCIF is the first private sector-focused disaster risk financing initiative of scale, allowing local insurers to redirect their catastrophe risks to the facility that shared the pooled risks with the participating companies. By doing so, the facility capacitates the insurers to cover catastrophe risks and manage their exposures to catastrophes more effectively. PIRA is a part of the Technical Working Group pioneering this effort for our country.



## Webinar on the Importance of Insurance Vis-a-Vis Climate Change

In line with the celebration of Insurance Consciousness Week in October 2022, PIRA spearheaded the conduct of a webinar called "The Importance of Insurance Vis-a-Vis Climate Change." Invitation for the webinar was opened to members of the ARISE-Philippines network.

Michael Rellosa, Executive Director of PIRA, and Melinda Natividad from the Public Relations Committee of PIRA were the resource speakers of the webinar. The first part zoomed in on the climate change trends both globally and in the Philippine setting. Information about the non-life insurance industry, various types of risks, insurance products aligned to each, and risk-handling methods were discussed in the second part. Attendees also learned the differences between risk, loss, peril, and hazard. Micro-insurance was recommended for MSMEs during the open forum and encouraged small entrepreneurs to include insurance in their risk and resiliency measures.



# Priority Area 4 — Resilient Infrastructure

## LEAD: PHILIPPINE INSTITUTE OF CIVIL ENGINEERS

Engr. Ador Canlas  
President



### Building Resilience Index (BRI) App

International Finance Corporation launched the Building Resilience Index App in 2021. An innovation of IFC, BRI provides the building sector with a web-based hazard mapping and resilience assessment framework. All sector stakeholders -construction developers, banks, insurers, governments, and others- can use Building Resilience Index to assess, improve, and disclose the resilience of their projects or portfolios. It is a cross-cutting collaboration with ARISE-Philippines in championing resilient infrastructure, with the Philippines as one of IFC's pilot countries to implement and scale the app.

### Resilience Hackathon 2022: Co-Creating Solutions for Resilience in the Built Environment

On April 8, 2022, the International Finance Corporation and its partners, including ARISE-Philippines, launched the Resilience Hackathon 2022: Co-creating solutions for Resilience in the Built Environment to further boost the culture of resilience in the Philippines.

The Hackathon's 8-week rigorous program aimed to advocate resilience in design as well as the recovery and reconstruction in the built environment. It envisioned collaboration among stakeholders in the real estate sector, from property players to financial institutions and government institutions, to respond to the challenges of natural hazards.

A total of 13 groups joined the Hackathon. Industry leaders selected and mentored the top five entries to enhance their project proposals. They pitched their proposal to a panel of judges and the general public during the final round. The top three hacks selected got an opportunity to visit their project location to meet with stakeholders and consult on their project outputs.

Resilient.PH, a multi-platform social enterprise committed to advancing resilience programming across communities and institutions in the Philippines and a member of the ARISE-Philippines, was granted as IFC's project partner in scaling and mainstreaming BRI in the Philippines.





### **Seminar-Workshop on Educational Infrastructures’ Resilience to Natural Hazards**

Xavier University - Ateneo de Cagayan, another member of the Network, produced a breakthrough initiative under PA 4. A blended online-onsite seminar-workshop entitled “Educational Infrastructures’ Resilience to Natural Hazards (Integrating Schools and Transport Systems)” was conducted on October 22, 2022, by the University in collaboration with UNESCO Chair for Disaster Risk Reduction and Resilience Engineering (DRR-RE) and the University College London (UCL).

The project aimed to develop science-based solutions, recommendations, and policy briefs to help implement safe school infrastructures in the Philippines. It was attended by public school principals and SDRRM Coordinators whose schools are potentially exposed to natural hazards like floods, earthquakes, and landslides and infrastructures managers.

# ARISE-Philippines Secretariat Initiatives

## Newsletters

The ARISE-Philippines Secretariat started publishing monthly newsletters in 2021 to share relevant and valuable updates on the Network's activities with the members and the public.

This year, the regular posting of the newsletter was sustained but transitioned into a quarterly publishing schedule. Network members submitting their own stories and activities also increased this year, which became an opportunity to share best practices in DRR and resiliency.



## Video Podcast



Following the theme for this year's IDRR Day celebration, ARISE-Philippines kicked off a video podcast production by highlighting good practices in DRR launched and sustained by the private sector. It was a two-part podcast featuring Dr. Sherdon Uy of Manila Observatory and Prof. Mario Rodriguez of ALERTO of Ateneo de Zamboanga. Automated Water-Level and Rain

Monitoring Using Near-Real Time Observation (ALERTO), a web application maintained by Ateneo de Zamboanga University, is a project that developed an early warning system that provides near real-time status of the rain and water levels of 10 River basins (pilot sites) through SMS and Websites, giving local authorities ample time for decision-making and preventing adverse effects of flooding. The web app is currently being utilized by ten (10) local government units of Zamboanga.

The podcasts were hosted by ARISE-Philippines staff. Discussions for both episodes tackled the Target G of the Sendai Framework “Substantially increase the availability of and access to multi-hazard early warning systems and disaster risk information and assessments to people by 2030”. This video podcast is another first for ARISE-Philippines, which was made available on ARISE-Philippines’ Facebook page, and YouTube channel and was shared with network members.

# ARISE-Philippines Secretariat Initiatives

## GETI Training

ARISE-Philippines organized a training workshop on November 3, 2022, promoting an appreciation of the Sendai Framework for DRR to members and the rest of the private sector. The Secretariat reached out to the UNDRR Global Education and Training (GETI) for the conduct of the training, which was called “Understanding the Sendai Framework: An Option to Reduce Cost.” It was a 4-hour online session held via Zoom, which covered the following topics: Global Disasters Overview: Trends and Concepts and Business Disaster Risk Management: Beyond Contingency.

The training workshop's objectives were enhancing members' understanding of the Sendai Framework for DRR, showcasing scenarios of DRR benefits on business operations, and providing businesses with resiliency tools and global trends and concepts on DRR.

The GETI Workshop was facilitated by Mr. Sanjaya Bhatia, the Head of Office for Northeast Asia (ONEA) and Global Education and Training Institute (GETI) for Disaster Risk Reduction, and Mr. Alf Ivar Blikberg, Programme Officer at the UNDRR GETI. A breakout session occurred during the last part of the training and concluded with a risk assessment workshop for the participating companies. A representative from each breakout room delivered a short presentation of their group's Disaster and Climate Risk Management Plan output. GETI provided certificates to all attendees



Training Workshop

## Understanding Sendai Framework for DRR: An Option to Reduce Cost

by UNDRR Global Education and Training Institute (GETI)



**Mr Sanjaya Bhatia**  
Head, Office for Northeast Asia (ONEA) and Global Education and Training Institute (GETI) for Disaster Risk Reduction



**Mr Alf Ivar Blikberg**  
Programme Management Officer, UN Office for Disaster Risk Reduction (UNDRR) Global Education and Training Institute (GETI)

**Thu, 3 November 2022 1:30pm to 5:00pm PHT via Zoom**



# Members of the Network

- 1 1957 Security and Investigation Agency Corporation (1957 SIAC)
- 2 All Around Services and Merchandising Corporation
- 3 Cebu Classic Home Decors and Flowershop, Inc.
- 4 CGC Personnel Alternatives Group Inc.
- 5 Chase Technologies Corporation
- 6 Conrad Hotel Manila
- 7 Consolidated Explosives Group Corporation
- 8 DHL Supply Chain Philippines, Inc.
- 9 DLC Dental Health Studio, Inc.
- 10 Elemento 1412 Inc.
- 11 GMA Network, Inc.
- 12 Hypervolt Contractor Corp
- 13 Jollibee Foods Corporation
- 14 Jose Siao Ling & Associates
- 15 Legend Janitorial & Manpower Services
- 16 Mr. Speedy Philippines
- 17 Nauts & Vectors Company, Inc.
- 18 New Golden City Builders & Development Corporation
- 19 Park Inn by Radisson - Davao
- 20 Park Inn by Radisson - Iloilo
- 21 Prepper Plus
- 22 Red Dot Design Inc.
- 23 Sanford Marketing Corporation (Savemore Market)
- 24 Selective Security Services, Inc.
- 25 SMX Convention Center Specialist Corp.
- 26 Tokyo Tempura
- 27 University of Asia and the Pacific Foundation, Inc.
- 28 Vision M Visuals, Inc.
- 29 Wegen Distributed Energy Philippines Holdings Corporation
- 30 Aboitiz Foundation, Inc.
- 31 Airspeed Group of Companies Holding. Corp.
- 32 Asia Pacific College
- 33 Asian Institute of Management Inc.
- 34 Belle Corporation
- 35 Business Continuity Managers Association of the Philippines, Inc. (BCMAP)
- 36 CEMEX Holdings Philippines
- 37 Center for Agriculture and Rural Development, Inc. (CARD)
- 38 China Banking Corporation (China Bank)
- 39 DJA Security Services, Inc.
- 40 El Observatorio de Manila, Inc. (Manila Observatory)
- 41 Family Entertainment Center, Inc.
- 42 Job Clean Manpower and General Services Philippines Incorporated
- 43 Kiu Global (Philippines), Inc.
- 44 LBC Express Inc.
- 45 Medicaard Foundation, Inc.
- 46 Mindpro Incorporated
- 47 Mobile Technology
- 48 National Resilience Council
- 49 National University Incorporated
- 50 NEO Property Management Incorporated
- 51 Oscar M. Lopez Center
- 52 Park Inn Radisson - North EDSA
- 53 Philippine Disaster Resilience Foundation (PDRF)
- 54 Philippine Institute of Civil Engineers, Inc.
- 55 Philippine Insurers and Reinsurers Association, Inc. (PIRA)
- 56 Premier Southern Corp.
- 57 SM Prime Holdings, Inc.
- 58 SouthernPoint Properties Corporation
- 59 Uni-7th Force Security & Services, Inc.
- 60 Unilever Philippines, Inc.
- 61 University of the Philippines Institute for Small Scale Industries (UP-ISSI)
- 62 2Go Group, Inc.
- 63 Build Change
- 64 Cellprime Distribution
- 65 Cellstuff Cellphone Accessories
- 66 Consolidated Prime Development Corporation
- 67 DDT Konstract
- 68 De La Salle University Inc.
- 69 Don Lee Builders Inc.
- 70 Empire East Land Holdings, Inc.
- 71 Nestle Philippines
- 72 Philippine Spring Water Resources, Inc
- 73 Premier Central Incorporated
- 74 Pricewaterhouse Coopers Phils. (Isla Lipana & Co.)
- 75 RJC Corporate Security Services, Inc.
- 76 Royal Security Agency, Inc.
- 77 SM Arena Complex Corporation
- 78 SM Development Corporation (SMDC)
- 79 SM Hypermarket
- 80 SM Investments Corporation (SMIC)
- 81 SM Lifestyle, Inc.
- 82 SM Retail, Inc.
- 83 Supervalu, Inc.
- 84 Willis Towers Watson Insurance Brokers Philippines, Inc.
- 85 Philippine Business for the Environment (PBE) - Business for Sustainable Development
- 86 Peridou, Inc.
- 87 Philippine Federation of Professional Association
- 88 Wings Technology Enterprise, Inc.
- 89 Surebright Manufacturing
- 90 Armstrong Realty Investments, Inc.
- 91 Gel Realty Development Corporation
- 92 Federation of Filipino-Chinese Chamber of Commerce and Industry Inc. (FFCCCI)
- 93 Management Association of the Philippines (MAP)
- 94 EIAN Management Consulting Services
- 95 Superior Maintenance Services, Inc.
- 96 CHAS Realty and Development Corporation
- 97 First Asia Realty Development Corporation (FARDC)
- 98 Junior Tourism and Hospitality Management Association of the Philippines (JTHMAP)
- 99 Habitat for Humanity Philippines
- 100 Philippine Chamber of Commerce and Industry (PCCI)
- 101 Xavier University
- 102 Philippine Transmarine Carriers Inc. (PTC)
- 103 The Resilient.PH Inc.
- 104 Waltermart Shopping Center Management, Inc.
- 105 Kabuhayan sa Ganap na Kasarinlan Credit and Savings Cooperative
- 106 Converge ICT Solutions Inc.
- 107 Shopping Center Management Corporation
- 108 Noble Minds Academy
- 109 Green Antz Builders Inc.
- 110 Komunidad Global Services & Operations Phils. Inc.

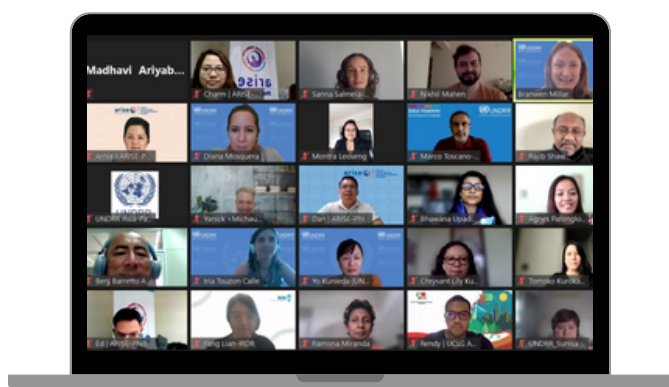
# Members Engagement Activities

## Sendai Framework Midterm Review Survey

The Sendai Framework for Disaster Risk Reduction 2015-2030 remains to be the core guidance of ARISE-Philippines. The UN General Assembly called for the Midterm Review of the Sendai Framework (MTR SF) as it reaches the midpoint of its implementation.

MTR SF wished to assess the progress in integrating disaster risk reduction into policies, programs, and investments at all levels, identify good practices, gaps, and challenges and accelerate the path to achieving the goal of the Sendai Framework and its seven global targets by 2030.

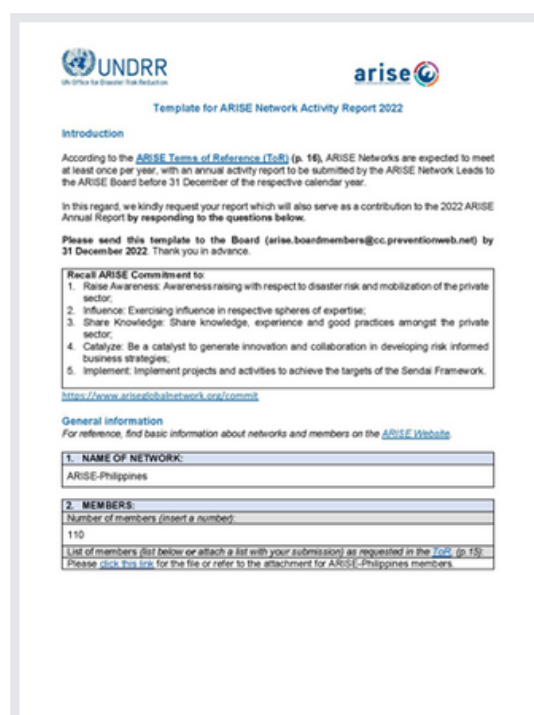
A discussion on the MTR SF was held online among ARISE Global key officers and the ARISE-Philippines Board members on February 23, 2022. The survey was distributed to all the members. The Network members participated in the study to assist in the holistic review of the framework.



## 2022 ARISE Global Annual Report and Success Stories

ARISE Global released a request to submit accomplishments and success stories among the members of various ARISE local networks. The ARISE-Philippines Secretariat engaged and encouraged members to highlight their respective DRR best practices and success stories which were consolidated and forwarded to ARISE Global. Selected stories by the global headquarters will have an opportunity to be featured on their website and shared with the rest of ARISE Network countries.

ARISE Global selected submissions of good practices from nine members of the ARISE-Philippines and were published in Prevention.web. These submissions came from Aboitiz Foundation, Philippine Disaster Resilience Foundation, Manila Observatory, Philippine Insurers and Reinsurers Association, UP Institute of Small Scale Industries, Habitat for Humanity, KCoop, Philippine Transmarine Carriers, Inc. and Aboitiz Equity Ventures



## ARISE-Philippines 2022

# Board of Directors in Action

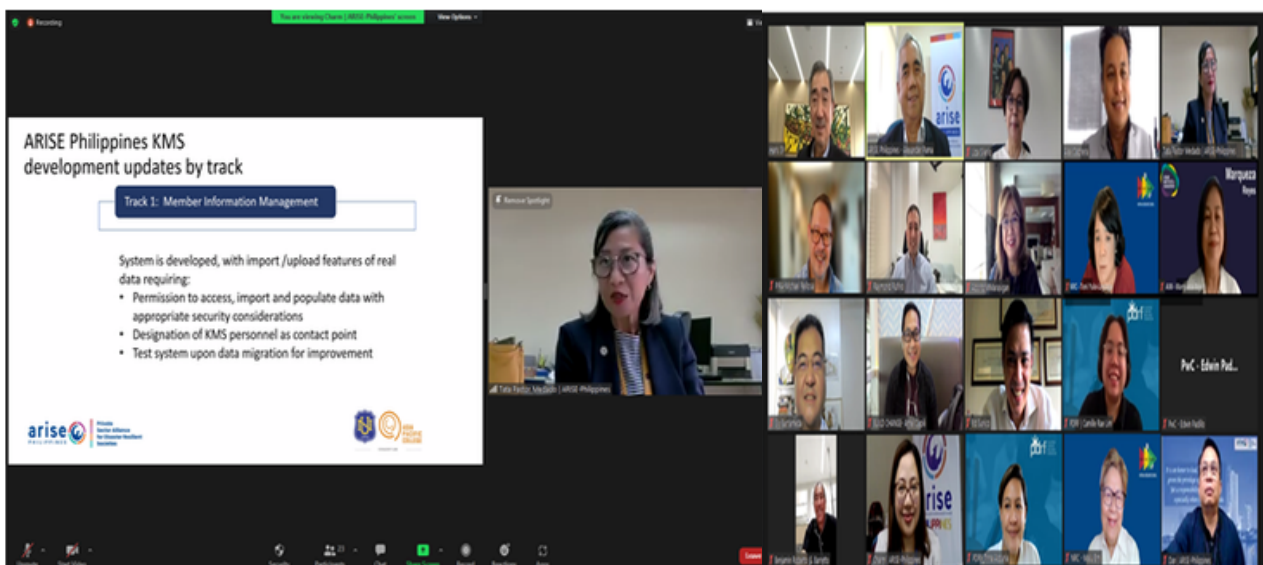
### One-on-one with Board of Directors and Work Theme / Priority Area Leads

2022 proved that setting harmonized expectations and actions among the Network leaders and members is the key to success in sustaining ARISE-Philippines' mission and commitments. The Secretariat continued to adhere to conducting One-on-One meetings with the Board of Directors as well as lead organizations for each WT and PA during the first quarter of 2022 to review targets and realign with the Network's path forward.



### BOD Meeting

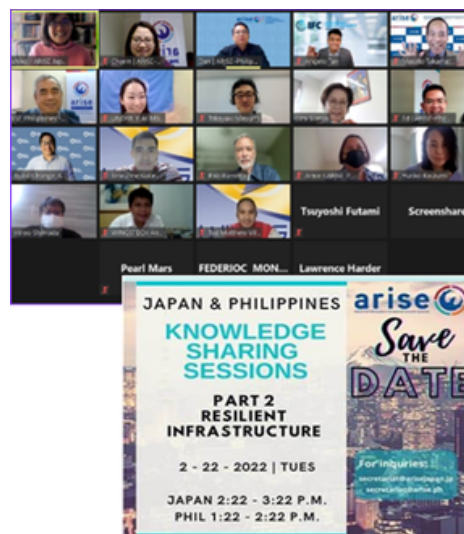
The One-on-One meetings with the Board of Directors (BOD) set the stage for the online BOD Meeting held on March 31, 2022. The Board was briefed on 2021 accomplishments and 2022 ways ahead. WT and PA leads, and other BOD members reported updates on the status of respective initiatives and activities. A document summarizing the highlights of the BOD meeting was sent to members.



# ARISE-Philippines 2022 Collaborations

## KSS with ARISE Japan

On February 22, 2022, ARISE Japan, and the Philippines held the second sequel of the Knowledge Sharing Session on Resilient Infrastructure. Mr. Angelo Tan with Ms. Pearl Mars successfully showcased the features of the BRI App, which the participants received well. Engr represented our network. Aser Mallari of the Philippine Institute of Civil Engineers (PICE), Priority Area Lead on Resilient Infrastructure, Mr. Arnel Capili of Build Change, Mr. Bob Barretto of NEO Property Management Inc., Engr. Federico Monsada of the Philippine Federation of Professional Associations, Mr. Andrew Harder, Mr. Lawrence Harder, Mr. Ernestine Zolina, and Mr. Ted Villanueva of WINGS Technology Enterprise, Inc.



Dr. Takayuki Mayumi, Disaster Prevention Expert and Manager of the Global Operations Department, Japan Conservation Engineers & Co., Ltd., shared a presentation on the latest trends in slope protection and landslide management on behalf of ARISE Japan.

The event was also highlighted with inspiring messages from Mr. Masato Takamatsu, President of Tourism Resilience Japan and ARISE Japan Lead and ARISE-Philippines Co-Chair VAdm. Alexander Pama (Ret). The event was graced by ARISE Global Board Member Ms. Liza Silerio and Ms. Yuki Matsuoka, Head of the UNDRR Office in Japan.

The two ARISE regions, Japan and the Philippines, successfully held the 3rd Session of the KSS on the 22nd of July 2022. The 3rd Session focused on the initiatives undertaken in Priority Area 3 - Insurance supporting disaster risk reduction.



Mr. Michael Rellosa, the Executive Director of the Philippine Insurers and Reinsurers Association (PIRA), started the Session with his icebreaker presentation entitled "Insurance industry's response to address DRR issues." He highlighted the programs initiated in the Philippines to address the rising number of disaster victims who could hardly recover from the aftermath. Mr. Rellosa showcased the Philippines Catastrophic Insurance Facility (PCIF) and the initial launch of a parametric insurance product for MSMEs. The PCIF is a multi-sectoral collaboration that acts as a risk-pooling mechanism that could cover the underserved populace. At the same time, parametric products are bundled with other traditional insurance products that guarantee early post-disaster payouts to help SMEs bounce back.

Ms. Hiroko Urashima representing Japan, Sustainability Section, Corporate Planning Department, AD Insurance Group Holdings, Inc. Ms. Urashima shared several initiatives that illustrated solid examples of how they translate their corporate mission into action. The first mention was the brochures that help educate the public on the importance of insurance, especially for their protection. Another is an online tool that provides a real-time assessment of the damage after a disaster which serves as a basis for quick payouts. Lastly, a smartphone app guides nearby shelters in case of flooding emergencies. The event was also attended by other industry players from both countries and other ARISE and UNDRR personalities who supported the event.



# ARISE-Philippines 2022

## Collaborations

### QRE Tool for Covid-19 Launch

Together with the University of the Philippines Institute of Small Scale Industries (UP ISSI), NRC spearheaded the pilot testing of the Filipino translation of the QRE Tool for COVID-19 with the help of ARISE-Philippines members, primarily from the micro, small and medium enterprises (MSMEs).



Held last June 3, 2022, the event had Mr. Marco Toscano-Rivalta, Chief of Office, UNDRR Regional Office for Asia and the Pacific, and the author of the QRE Tool, Dr. Ranit Chatterjee, the Co-Founder of the RIKA Institute gave messages to the participants.

Inspiring messages were delivered by Ms. Antonia Yulo Lozaga, President of NRC; Ms. Melanie Moraga-Leaño, UP ISSI Director and from the Co-Chair of ARISE-Philippines, VAdm. Alexander Pama.

The participants gave their feedback and recommendation on the tool translation after going through the breakout session workshop. They were grouped according to their industries. All inputs will be deliberated and applied to the revised web app that MSMEs can easily access online if they want to assess the effect of COVID-19 in their respective businesses.

### QRE Tool for Covid-19 2nd Pilot run

The National Resilience Council (NRC) and the University of the Philippines Institute for Small-Scale Industries (UP ISSI) conducted the 2nd Pilot Testing of the United Nations Office for Disaster Risk Reduction (UNDRR)'s COVID-19 Quick Risk Estimation (QRE) Tool (Filipino Translation) for Micro, Small, and Medium Enterprises (MSMEs) held on 2 August 2022 from 2:00 PM – 4:30 PM via Zoom.

The UNDRR launched the QRE Tool for COVID-19 to help MSMEs, especially in the informal sector, equip them with a prior understanding of their risk level and build resilience.



Using the tool, business owners can identify possible internal (human resource, finance, operation, and technology) and external risks (government regulations, market changes, and exposure to hazards) to their businesses from COVID-19. It will give them a general estimation of individual business risk based on potential direct and indirect impacts of the COVID-19 pandemic. Lastly, a part of the scope of the QRE Tool is to reinforce risk awareness and communication between business owners.

# ARISE-Philippines 2022

## Collaborations

### Resilience Reporting Tool

Through its PA2-Investors and Investments, ARISE-Philippines led Aboitiz Foundation in partnership with Resilient.PH and the Asian Institute of Management conducted the pilot run of the Resilience Reporting Tool (RRT). Mr. Josren Carpio, the lead author, and proponent of the RRT, spearheaded the webinar workshop last July 28, 2022, via Zoom to a diverse group of participants with experience in Sustainability Reporting.

The RRT, developed by The Resilient.PH team is an upgraded tool for reporting that includes components from the Sendai Framework for DRR. It is a voluntary disclosure that outlines a standard set of guidelines for the private sector to disclose their journey towards resiliency in alignment with stakeholders' interests, such as investors and capital providers. In addition, the tool supplements the disclosures of the organization's sustainability, annual, and integrated reports.



### Future Resilience Leaders Program 2022

ARISE-Philippines launched the Future Resilience Leaders Program (FRLP) in partnership with SM Prime Holdings, Inc. The internship program, open for graduating college students, intends to integrate foundation concepts and appreciation of disaster risk reduction management while providing a venue for honing their respective specializations.

For the first run of the FRLP, a batch of four BS Multimedia Arts students from the Asia Pacific College was onboarded last January 12, 2022, which will last for six (6) months. The interns have been reporting via work-from-home set-up in observance of the current safety protocols. The trainees receive regular DRR primary education sessions along with their weekly work tasks.

The interns assist with the different creatives used for presentations, documentation, and DRR awareness campaigns. Their contribution may be seen on the multiple social media accounts of ARISE-Philippines.



The first batch of ARISE-Philippines' Future Resilience Leaders 2022 (L-R) Lorie Camille Camara, Coleen Furigay, Tomi Diano and Abigail Santos.

# ARISE-Philippines 2022

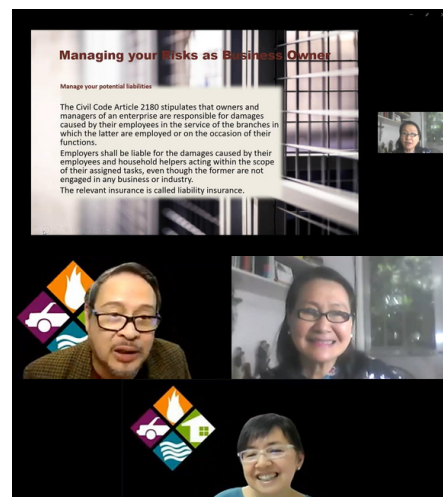
## Collaborations

### Insurance Week Awareness Webinar

The Philippine Insurers and Reinsurers Association (PIRA), Philippine Insurers Club (PIC), and Insurance Institute for Asia and the Pacific (IIAP) collaborated in mounting a webinar on October 20, 2022, as part of the week-long celebration of the 2022 Insurance Consciousness Week. The webinar's theme was "Importance of Insurance Vis-à-Vis Climate Change." The webinar was held with the support of ARISE-Philippines.

Targeting small and medium business owners, the presentations and discussions were led by PIRA Executive Director Mr. Michael Rellosa and Ms. Melinda Natividad from the PIRA Public Relations Committee, which explored the impact of climate change on business operations in the Philippines. The speakers also expounded on how investing in insurance can reduce MSME's risk from climate-related disasters.

Mr. Rellosa discussed the apparent impacts of climate change on the environment and how it affects livelihood and businesses in the Philippines, especially in the case of super typhoons. He posed the challenge to everyone to prepare for these environmental threats. Ms. Natividad, on the other hand, presented the different types of non-life insurance products and their respective coverage, which could help address potential losses in case of disasters.



### APC Pro Series Free Webinar

Asia Pacific College webinar on Business Cyber Security For Absolute Beginners, held on February 16, 2022, brought about awareness and consciousness on the importance of cyber security for business resiliency. It introduced Cyber Security, its implication on business management, and primary means to protect the company from cyber threats.



ARISE-Philippines panelists Dr. Ma. Teresita Medado, President of Asia Pacific College, and VAdm. Alexander Pama (Ret.) raised the possible disastrous impact of this emerging threat to the digitally reliant business operations and community and recommended taking this issue seriously.

### Disaster Risk Reduction Day Webinar by WINDRR

The Women's International Network for DRR concluded the DRR forum via Zoom last July 29, 2022. The Asian Institute of Management (AIM) led the round table discussion on women's leadership roles in disaster risk management and the significant impact on their respective communities and organizations.

The intense discussion included insights from renowned female champions from the field, such as Ms. Branwen Millar, Gender Advisor from UNDRR; Ms. Ronilda Co, Director for DRR at DepEd; Ms. Ezra Barboza, AVP for Environmental Management at Aboitiz Power Corp.; Dr. Rahma Hanifa, Director General of U-Spire; and Dr. Marqueza Reyes, Asst. Professor, EMDRCM of AIM.



## ARISE-Philippines 2022

# Spreading the Word

## 2022 Asia Pacific Science and Technology Conference for DRR

The 2022 Asia Pacific Science and Technology Conference for Disaster Risk Reduction was held on 7-8 April 2022, 9:00 AM – 3:00 PM.

This conference was organized by the National Disaster Risk Reduction and Management Council (NDRRMC), Office of Civil Defense (OCD), Department of Science and Technology (DOST), National Resilience Council (NRC), UNDRR Regional Office for Asia and the Pacific (UNDRR-ROAP), UNDRR Asia Pacific Science and Technology Advisory Group (AP-STAG), and ARISE-Philippines.

The experts, decision-makers, policymakers, and industry leaders from the Asia Pacific region shared their experiences. They showcased accomplishments on using science and technology to address compound, cascading, and systemic risks at global, regional, national, and local levels of disaster risk reduction.





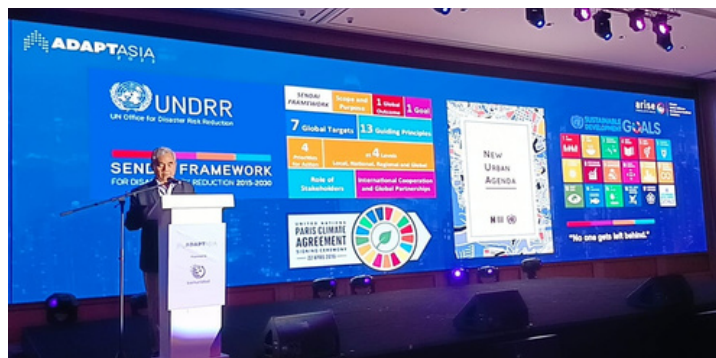
## ARISE-Philippines 2022

# Spreading the Word

### Adapt Asia

ARISE-Philippines Co-Chair VAdm. Alexander Pama (Ret.) delivered the keynote address for the Adapt Asia forum of Komunidad where he shared ARISE Philippines' experience in harmonizing and synergizing the private sector's efforts for disaster risk reduction and resilience.

Adapt Asia 2022 was organized by Komunidad, one of the latest members of the Network, to equip Asian business and community leaders and other stakeholders with the resources, insights, and tools needed to prepare for and respond to the risks brought about by climate change through collaboration and knowledge sharing. The theme focused on innovative actions and the use of technology for climate mitigation and adaptation toward disaster resilience.

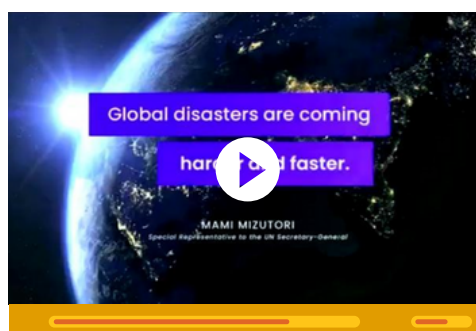


### Climate Investment Forum and Tree Planting

ARISE-Philippines participated in the Climate Change Commission's 15th Annual Global Warming and Climate Change Consciousness Week (CCC Week 2022), which kicked off last November 19, 2022 with the tree planting activity at the La Mesa Nature Reserve together with partner agencies and organizations, including indigenous peoples and the youth.

ARISE-Philippines' participation followed it in the Climate Investment Forum 2022 on November 21, 2022, held at Novotel Manila, entitled "Turning Climate Investment Forum 2022," where ARISE-Philippines presented an audio-visual presentation (AVP) of its members' climate action initiatives.

The presentation was part of the event featuring activities of alliances and movements for climate action, such as the Manila Observatory, Oscar M. Lopez Center, Chinabank, Unilever-Philippines, NEO, and Aboitiz Foundation. The forum aimed to urge stakeholders to be one in pursuing efforts to mobilize private sector investment towards achieving country priorities to address the climate emergency.



# ARISE-Philippines 2022

## Spreading the Word

### IFC Resilience Hackathon

International Finance Corporation developed the competition to search for Realistic, future-proof, scalable, and replicable solutions (technologies, products, methods, or business concepts) with a strong alignment with the SDGs. Solutions should leverage the BuildResilience Index and GeoRisk PH Platforms and must be project-based in an area devastated by Typhoon Odette. Industry leaders and innovators, including ARISE-Philippines, guided each team.



### RESILIENCE HACKATHON FINAL ROUND

CO-CREATING SOLUTIONS FOR RESILIENCE IN THE BUILT ENVIRONMENT



### WIN DRR Webinar

SM Supermalls and its corporate social responsibility arm, SM CARES, together with the Women's International Network on Disaster Risk Reduction (WIN DRR) and the Private Sector Alliance for Disaster Resilient Societies-Philippines (ARISE-Philippines), conducted a webinar on the importance of women in disaster resilience in celebration of 2022 National Women's Month.



**Special Message:** MS. MAHI MIZUTANI, SPECIAL REPRESENTATIVE OF THE UNITED NATIONS SECRETARY-GENERAL FOR UNITED NATIONS WOMEN AND THE UNITED NATIONS OFFICE OF DISASTER RISK REDUCTION (UNDRR)

**Speakers:**

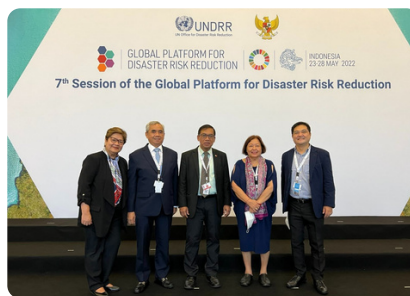
- MS. VASITI SOKO, SMITHSONIAN NATIONAL CENTER FOR ENVIRONMENTAL AND CLIMATE MANAGEMENT ORGANIZATION, USA
- HON. MARIA ISABELLE CLINACAO, SENATOR, CITY OF CALABANGA, UN WOMEN PHILIPPINES
- MS. MA ROSALYN MEDINA, SENATOR, CITY OF CALABANGA, UN WOMEN PHILIPPINES
- MS. STEVEN TAN, PRESIDENT, SM SUPERMALLS
- MS. JAZMIN ACUISANDA-ZERVALLEM, NATIONAL CHAIRPERSON, CITIZENS DISASTER RESPONSE NETWORK (CDRN)
- MS. BRANWEN MILLAR, HRM AND EMPLOYMENT MANAGER, UNWOMEN GENDER ADVISOR
- MS. MA TERESITA MEDADO, PRESIDENT, BRICS WOMEN ARISE PHILIPPINES

# International Engagements

## Global Platform for DRR

23-28 May 2022 | Bali, Indonesia | Hybrid

This global forum is an avenue to share knowledge and discuss the latest developments and trends in reducing disaster risk. During the 7th Global Platform for Disaster Risk Reduction 2022 (GP2022) held on May 23-28, 2022, in Bali, Indonesia. VAdm. Alexander P. Pama (Ret.), ARISE-Philippines Co-Chair, represented ARISE as part of the Business and Industry sector in the Ministerial Roundtable Discussion on “Thinking Resilience: Changing the Approach to Disaster Risk Reduction Financing.” VAdm. Pama laid out a Ten Point Agenda as a guide for collaboration among the private sector, government, and relevant stakeholders toward a more climate-sensitive and disaster-resilient world.



## Asia-Pacific Ministerial Conference on Disaster Risk Reduction 2022

19-22 September 2022 | Brisbane, Australia | Hybrid

The APMCDRR is the leading regional platform in Asia-Pacific for promoting coordination and cooperation on disaster risk reduction (DRR) and implementing the Sendai Framework for Disaster Risk Reduction. The event was convened by the United Nations Office for Disaster Risk Reduction (UNDRR) and hosted by the Australian Government.

ARISE India, Japan, and the Philippines held a Private Sector Stakeholder Meeting, a hybrid event held on the first day of the 2022 APMCDRR to learn about the APAC ARISE networks' strategies and different activities in implementing the Sendai Framework. It is an effort to create a shared meaning of DRR in the region continuously.

ARISE-Philippines hosted a partner event on Day 3 (Sept. 21, 2022) of the 2022 Asia-Pacific Ministerial Conference on Disaster Risk Reduction (APMCDRR) 2022 in collaboration with the National Resilience Council (NRC), Asian Institute of Management (AIM), SM Development Corp. (SMDC), UNICEF and International Finance Corporation (IFC). The panel discussed how technology and innovation could be maximized for disaster resilience through Public-Private Partnerships and multi-sectoral and regional partnerships.



# International Engagements

## ARISE Global Annual General Meeting

10-11 October 2022 | UNDRR Geneva, Switzerland | Hybrid

The ARISE Global Annual General Meeting (AGM) showcased the achievements of ARISE members, set the next steps in monitoring the work progress, and strengthened ARISE’s strategic orientation.

ARISE-Philippines Co-Chair, Mr. Hans T. Sy, was one of the key speakers sharing his passion for DRR and his journey to concretize his vision for a resilient Philippines. VAdm. Alexander P. Pama (Ret.), Co-Chair of ARISE-Philippines, reported the accomplishments and activities of the Network as part of the forum on inspiring actions toward DRR and resiliency, while Ms. Liza B. Silerio, ARISE Global Board, shared the call for submission of good practices among ARISE network countries.



As the Private Sector continues to scale its contributions and engagement with DRR, we cannot deny how disaster resilience and sustainability are prime factors for social and economic growth.

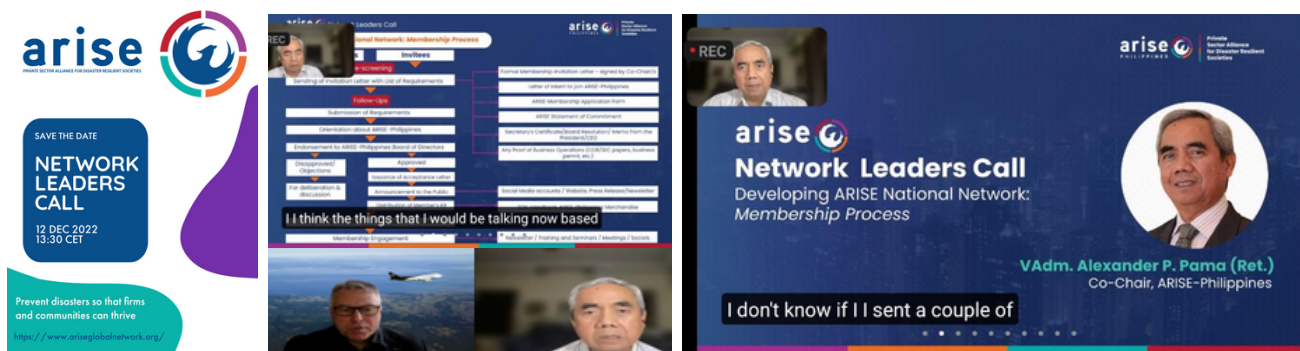
VAdm Alexander P. Pama  
Co-Chair, ARISE-Philippines

# International Engagements

## Network Leaders Call

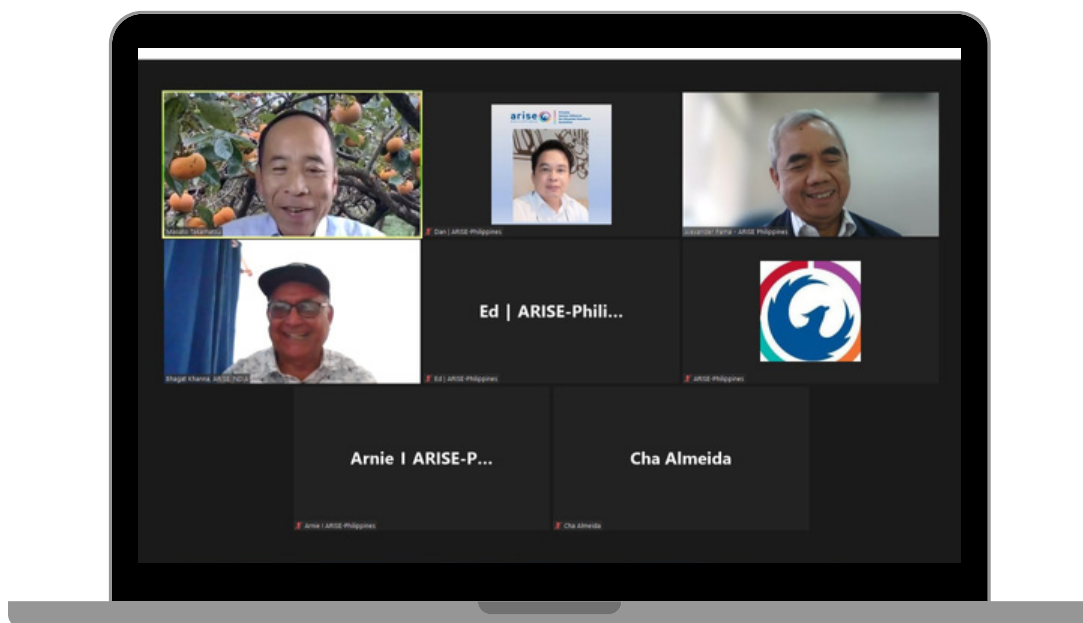
12 December 2022 | 13:30 – 15:00 CET | Online

On 12 December 2022, ARISE Global Board virtually conducted the Network Leaders' Call where country leads of the different ARISE national networks and the UNDRR led by Ms. Mami Mizutori met to inform members of the different activities being undertaken by the different networks as well as share guidelines and updates from UNDRR. Co-Chair of ARISE-Philippines Alexander P. Pama was invited to discuss the membership process of ARISE-Philippines, which is acknowledged to be one of the best practices among ARISE networks.



## ARISE networks of Asia Tripartite Collaborations

Initial meetings and discussions took place on November 11, 2022, between ARISE India, Japan, and the Philippines to kickstart collaborations on sharing good practices from respective national networks and other areas of cooperation. The three ARISE networks agreed to start this new endeavor through a GETI Training Workshop, which aims to promote and strengthen knowledge of the Sendai Framework for DRR across the networks' member organizations and companies.



# Our Baseline KPI

In this section, we provide a graphical summary of the actual accomplishments of ARISE-Philippines in reference to the baseline KPIs committed to ARISE Global in 2022. KPI report includes activities and initiatives of ARISE-Philippines members and the Secretariat. For this year’s annual report, the baseline KPIs are reviewed to showcase how the initiatives are distributed across the Priority Areas.

Education and Training (E&T) pertains to various efforts across the Network through webinars, trainings and knowledge-sharing sessions. In 2022, we were able to embed DRR and resilience education and training to a wider range among the four Priority Areas with PA 1: Small and Medium Enterprises with the highest number of E&T activities followed by PA 4: Resilient Infra.

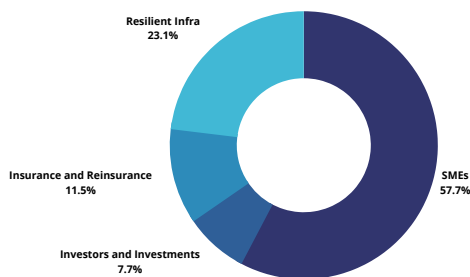
Awareness campaigns include activities through digital media, events and membership-led initiatives. There has been an increase of awareness campaigns focusing on resilient infrastructure and insurance and reinsurance in 2022. Data also showed that most of these activities happened through the digital or online space.

ARISE-Philippines membership reached a total of 110 members in 2022 with the highest concentration on individual companies which accounts for MSMEs up to large corporations. The baseline KPI report shows that the Network can enhance efforts to invite more academic institutions to be a member of ARISE-Philippines.

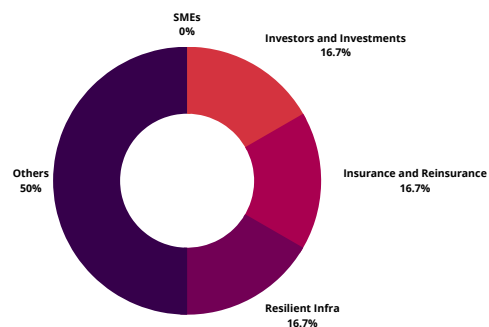
Collaboration among the Network members shows to be more dynamic compared to the 2021 baseline KPI accomplishments. Pilot projects and publications were also launched for each of the Priority Areas which covered focus from business continuity planning tools to knowledge-sharing sessions and resilient housing microfinance program.

## Education & Training

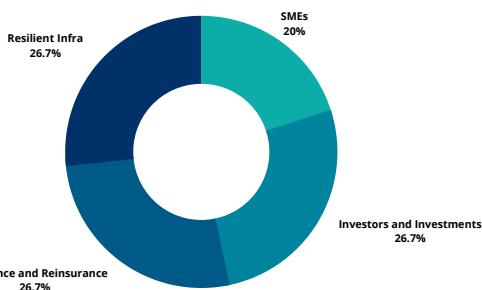
(Webinar/KSS/Training)



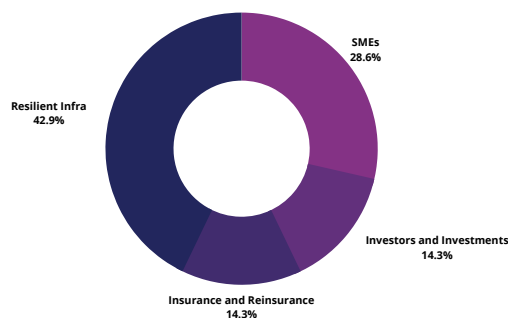
## Awareness Campaign



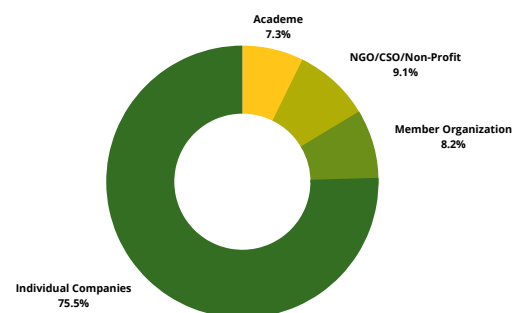
## Collaborations



## Publications and Pilots



## Membership





**Private  
Sector Alliance  
for Disaster Resilient  
Societies**

2023 Theme

# Driving Economic Growth and Enabling Disaster Resilience and Sustainability

For inquiries and membership, contact:

**ARISE-Philippines**

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