

ARISE 2021 ANNUAL REPORT



ARISE IN PICTURES

ARISE Japan



Philippines



ARISE Dominican Republic



ARISE Honduras



CARICAM



ARISE Colombia



ARISE El Salvador



ARISE Dominica



ARISE India



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FOREWORD FROM THE ARISE CO-CHAIRS



Mami Mizutori

**Special Representative of the United Nations Secretary
General for Disaster Risk Reduction;
ARISE Co-chair**

In 2021, the world entered into the second year of the COVID-19 pandemic, the 26th COP was held in Glasgow, Scotland spotlighting the climate crisis, and global disasters cost the world hundreds of billions of dollars. Now, seven years after the adoption of the 2015 global agreements, including the Sendai Framework for Disaster Risk Reduction, the world is approaching their midterm assessment and the great chasm that exists toward their realization.

Despite progress in advancing disaster risk reduction (DRR), especially in the climate space, disaster considerations remain largely excluded from business decision-making. For the most part, markets continue to be 'risk-blind' when it comes to high-impact shocks. To achieve true resilience, DRR must be integrated into investment decision-making, or, as we say in UNDRR, we must shift from risk-blind to risk-informed investment. To some extent, the COVID-19 pandemic has led us further down this path. While the pandemic was indeed devastating, its silver lining was much needed awareness and attention to disaster risk reduction. At the highest political, finance and business levels, leaders have begun looking at disaster risk, its cascading impacts, and the vulnerability of systems that underpin economic prosperity and human wellbeing.

ARISE, as the global business network for DRR, is well placed to take a leadership role in these efforts. Specifically, ARISE can support promoting and implementing multi-hazard risk informed investment. To this end, ARISE facilitated the establishment of three new networks in

2021: Egypt, Panama and Argentina raising the total number of networks to 29. Strategically, new Key Performance Indicators (KPIs) for the next four years – 2022-2025 were developed and approved.

Last year, Regional Platforms for Disaster Risk Reduction took place in the Americas and the Caribbean, the Arab States, Africa and Europe. This year in May the Global Platform for Disaster Risk Reduction (GP2022) will take place in Bali Indonesia and the Asia-Pacific Ministerial Conference on Disaster Risk Reduction in Brisbane, Australia. The discussions will inform the Mid-Term Review of the Sendai Framework, and in both of these processes, ARISE and the private sector have an important role to play in helping identify lessons learned and opportunities to achieve our goals.

As we saw at the virtually hosted ARISE Annual General Meeting (AGM) held in October, we have indeed made progress in implementing our goals: the 2021 Member Survey facilitated by ARISE Mexico showed we reached our targets in all areas. We need to maintain this momentum, and step-up action at the accelerated pace our planet requires. This also includes strengthening monitoring and reporting so that our joint impact is visible.

I look forward to meeting ARISE members at the Global Platform in Bali and the AGM, which will be held in October in New York City, USA. Both events provide a key opportunity for ARISE members to share critical insights and demonstrate their DRR leadership.



Hans-Peter Teufers

**Director International Programs at the UPS Foundation;
New ARISE Co-chair**

The year 2021 became the second consecutive year where the effects of the COVID-19 pandemic were inflicted on the world. The pandemic maintained its grip on our countries and communities and continued to paralyse economies and health care systems. But, if we are to find any silver linings, 2021 also saw an improvement in solidarity among people and also made us realise how important it is to work towards building the resilience of communities and actions. This endeavour is needed in many aspects, from catalysing risk-informed investments - especially with a view on increasing risks through climate change - to strengthening infrastructure, for example, of healthcare systems. It is estimated that global investments of €1.6 trillion in appropriate DRR strategies could avoid losses of €6.4 trillion. There is certainly

ample margin for improvement for the current level of investments in resilience to match the scale of the challenges.

Building on the successful work of the Board and outgoing Co-chair, ARISE continues to grow. In 2021, new networks were formed, which we hope will act as catalysts for business innovation and for knowledge sharing to reduce risk for a sustainable and resilient future in their communities. We also have a better understanding of what we have achieved and what challenges are in front of us and how to tackle them. Thanks to ARISE Mexico, we were able to establish a baseline for our efforts and KPIs for 2022-2025. These were developed as a team, adding concrete targets, means of verification

and additional indicators. In 2022, the UPS Foundation will lead the development of a dashboard for regular monitoring and reporting.

It is my hope that through the ARISE networks and links into the global policy discussions on sustainability, climate action, and DRR, ARISE continues to offer its members the opportunity to demonstrate leadership in co-operating with public partners to reshape business, society, and financial frameworks. Some of this work cannot be made by a business or a CEO alone. It will require members to start working with public sector

partners and other stakeholders to find mutually agreeable, workable solutions.

Finally, it is noteworthy that a new level of cooperation was reached among the networks, Board and UNDRR teams in Geneva and in the regions. I would like to very much thank the networks for their restless efforts and creative ideas to get the Sendai Framework to life in their regions, the Board for their initiatives to lead the way and of course Mami Mizutori and the UNDRR team for their tireless support.



VII Regional Platform for Disaster Risk Reduction in the Americas and the Caribbean (RP21)

GLOBAL BOARD UPDATE

2021 saw some changes at the Board level. The AGM provided the occasion to thank Co-chair Martha Patricia Herrera González, Global Social Impact Director at CEMEX Mexico for her leadership and engagement as she left ARISE to take up a public role in Mexico. This led to Hans Peter Teufers of the UPS foundation being promoted to Co-chair ; Fernando Perez de Britto of AI Systems Research taking up the position of the new ARISE Vice-Chair and Paula Pagniez of Willis Tower Watson joining as a new Global Board Member.

“ It is my honor to join the Global Board of ARISE, accompanying and supporting the work that the ARISE leadership and team, my fellow Board Members, and the global, regional and national networks have been advancing to strengthen private sector networks in their fostering and delivery of disaster risk reduction tools and solutions. ”

**Paula Pagniez, Americas Lead,
Climate and Resilience Hub at Willis Towers Watson**

OVERVIEW ON ARISE STRATEGIC DIRECTIONS

At the global level, UNDRR worked closely with the ARISE Board and Network Leaders group to further strengthen the governance, implementation, visibility and recognition of the ARISE initiative. In addition to the CEMEX Mexico led baseline study and the revised KPIs, which were the main outputs of 2021, two studies, *“Increasing SME Uptake of Disaster Risk Reduction: Recommendations for Policymakers, Financiers and the Broader Business”* and *“From Protection to Prevention: the role of co-operative and mutual insurance in disaster risk reduction”* were also published to provide ARISE members with guidance for setting directions and priorities of action within ARISE.



BASELINE STUDY

A **baseline** study was rolled out over summer 2021 as a first step towards a comprehensive diagnosis of the ARISE Networks achievements in 2020-2021 and confirmed the achievement of all 2020-2021 KPIs. It was informed by interviews with the ARISE Board and network members and a wide-range survey within networks (with a 90% participation rate). Key findings indicated an increase in the perception, value, and the number of promoters of ARISE since 2020. Within the four ARISE

priorities, SMEs appear to be the core priority of the networks, while insurance achieves less attention. Implementation was done through education and training programs on DRR and resilience, with more efforts required to avoid duplication of efforts, develop targeted communication materials and build closer relationships among members. The study also highlighted challenges and expectations for the future.

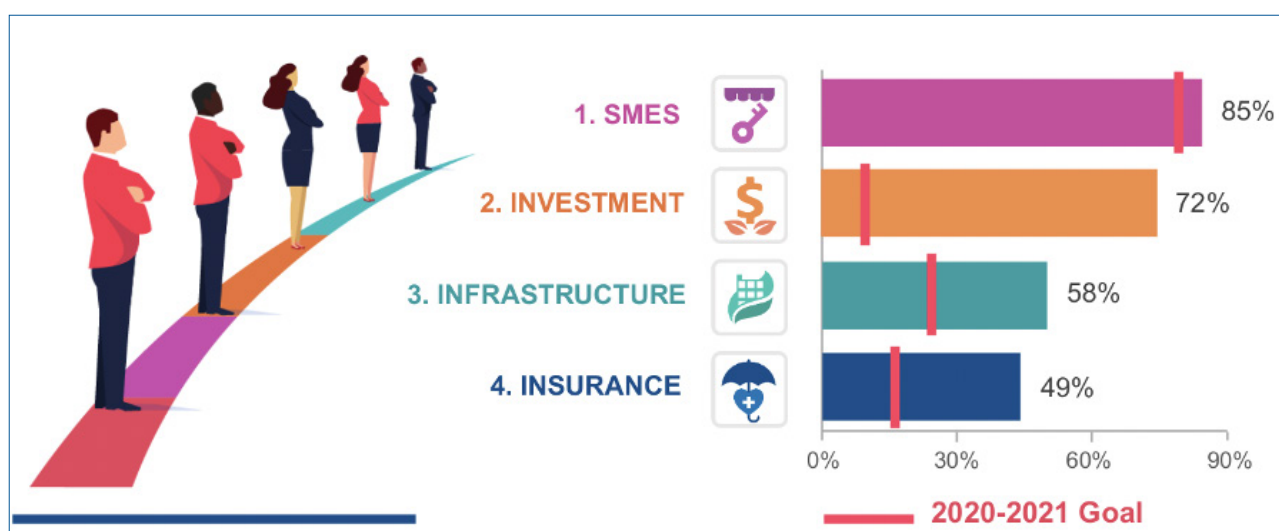


Figure 1: ARISE Network achievements against 2020-2021 targets

KEY PERFORMANCE INDICATORS (KPIs)

| PRIORITIES | KEY PERFORMANCE INDICATOR (KPI) |
|------------------------------------|--|
| Small and Medium Enterprises (SME) | ARISE Networks/members engage in enhancing long-term resilience of Small and Medium Enterprises |
| Investment and Investors | ARISE Networks/members encourage and facilitate the integration of disaster and climate risk into private and financial sector investment decisions |
| Insurance | ARISE Networks/members actively promote and/or develop pilot projects with the insurance industry to incentivise the integration of disaster risk reduction considerations into the sectors' business models |
| Resilient infrastructure | ARISE Networks/members promote and/or develop pilot projects of resilient infrastructure |

Progress against the 2020-2021 KPIs was reviewed through the global baseline study, which showed achievement of all KPIs. New KPIs have been agreed for [2022-2025](#) with a dashboard, to be developed in 2022, for regular monitoring and reporting. Amendments, which included concrete targets, means of verification, additional indicators for gender, were made with the oversight by a Board sub-group and approved by the Global Board.

PEER-TO-PEER KNOWLEDGE EXCHANGE, COLLABORATION AND CAPACITY-BUILDING

Knowledge exchange and fostering cooperation among networks is one of the main aims of the ARISE initiative as a network based organization. At the global level, the AGM and bi-annual Network Leaders meetings provide a fora for knowledge exchange. Two Network Leaders calls in April and November 2021, several Board meetings as well as the AGM in October 2021 helped further advance common understanding, sharing of lessons learned and closer relationships between members and networks.

At the regional level in December, **ARISE Japan** and **ARISE Philippines** hosted their inaugural Knowledge Sharing Session, focusing on building the resilience of SMEs. The ensuing discussion demonstrated how collaboration among ARISE members could build on each other's work for greater overall impact, by identifying un-addressed gaps in ongoing initiatives and designing complementary projects to fill them. Additional sessions aligned with the remaining three ARISE priorities are being planned for 2022.

“There is so much to do in building the resilience of our communities and businesses, but in the long list of things to do, sharing knowledge is the natural starting point.”

**Ms Liza Silerio, ARISE Global Board Member,
SM Prime Holdings**

In October, networks in the Americas and Caribbean organised the first ever Regional ARISE Forum which promoted the sharing of good practice among the ARISE networks to accomplish the global priorities. In addition to this, Central American Network Leaders benefited from the seniority and guidance of ARISE Mexico,

considered a local role model, and suggested replicating this mentoring model with other networks while adapting it to local realities.

“ARISE Mexico was an inspiration for the work we started with SMEs here. We adapted all the variables and criteria of SMEs to the local economic environment.” Anonymised Respondent, ARISE Baseline Report.

Other examples of collaboration include the TRANSFORM project (ARISE Mexico and Colombia) and a Business Continuity Tool (ARISE Canada, CARICHAM) (See Box 1). In addition to this, ARISE USA is collaborating with ARISE Dominica and the Ministry of National Planning in piloting the [Critical Assessment Management System \(CAMS\) Tool](#) (See Box 4). These initiatives demonstrate the important role of ARISE in the region for providing a platform for exchange and cooperation which contributes to enhanced business knowledge on DRR and strengthened role of the private sector.



GLOBAL ARISE MEETINGS

During the first Network Leaders Meeting held in April, presenters shared their own experiences, challenges and good practices from their work across the ARISE priorities. During the second meeting, the discussion was mainly around the draft of new ARISE KPIs for 2022-2025 and preparations towards the Global Platform and ARISE AGM in 2022.

In October, at the AGM, which was held in two sessions to accommodate time zones, the focus was on moving towards increased implementation through concrete projects. ARISE members also discussed the new KPIs for 2022-2025, which were adopted by the Board in December 2021. Four pilots corresponding to the four ARISE priorities were showcased which included: The presentation of the ‘Building Resilience Index’ (See Box 5); the ‘Investing in Resilience’ initiative and an emerging pilot

initiative ‘Integrate Resilience and Disaster Risk Reduction into the Sustainable Debt Capital Markets’ (See Box 2). In addition to this, the progress on the implementation of ‘The EU Strategy for Financing the Transition to a Sustainable Economy’, with specific focus on EU regulation and policy on the Green Deal and sustainable finance was presented by the European Union Directorate-General for Financial Stability (DG FISMA). Opportunities for ARISE to engage with regulators working on sustainable investment strategies to further the investment in sustainable and resilient solutions were highlighted. The [Coalition for Disaster Resilient Infrastructure](#) (CDRI) Initiative and the UNDRR led [Making Cities Resilient Campaign](#) (MCR2030) multi-stakeholder partnership that aims to build resilience at the local level were also showcased.

SUMMARY OF ACHIEVEMENTS AGAINST THE FOUR ARISE PRIORITIES AT THE GLOBAL AND REGIONAL AND NATIONAL LEVELS:

1. Small and Medium Enterprises (SMEs)

It is well established that SMEs, including micro SMEs (MSMEs), are the bedrock of global, national, and local markets. When a disaster hits, SMEs are hit harder and the recovery is slower than larger businesses. At the global level, a new SME study was published as a follow up to the recommendations from the publication "[Reducing Risk and Building the Resilience of SMEs to Disasters](#)" launched in December 2020. The study provides guidance for how to build the resilience of SMEs to multiple hazards, enabling SMEs to be sustainable and competitive in the long run by reducing disaster risks, and with a specific focus on prevention. The study's recommendations were presented and discussed at the ARISE Network Leaders meetings in April. The follow-up study "[Focus on Prevention: Increasing SME Uptake of Disaster Risk Reduction: Recommendations for Policymakers, Financiers and the Broader Business](#)"¹ provides new guidance and policy recommendations for enhancing SMEs

resilience across different sectors, supply and value chains. The study, pulling together evidence from case studies, stakeholder interviews, a workshop and some bespoke modeling, found four main reasons for SME hesitance in investing in DRR, including a) lack of access to finance, b) lack of resilient business models, c) inefficient business contracts, and d) lack of prevention-focused business continuity planning. The study also provides recommendations on how stakeholders such as policymakers, financiers and the broader business community can support SMEs given their regulatory and financial capacity, expertise and robust networks. The study was promoted through a webinar "Supporting Disaster Risk Reduction and Resilience Practice in Small and Medium Sized Enterprises" during the International Chamber of Commerce's Make Climate Action Everyone's Business Forum, which discussed opportunities for supporting increased DRR and resilience in SMEs.

At the Network Leader's meeting in April, networks shared experiences, challenges and good practice from their work in business continuity planning for SMEs in the agriculture and the tourism sectors. **ARISE Japan** presented on the Business Continuity Plan (BCP) development for SMEs in the travel and tourism sector. It is an ongoing and evolving pilot involving engagement of local chambers of commerce and a key industry association, along with multiple ARISE Japan members and the direct participation of SMEs. The final pilot outcomes are expected to be reported during the 2022 ARISE Japan Public Symposium. In addition to this, the experiences, challenges and barriers for agriculture SMEs in Africa and the work of ARISE affiliate member CORAF/WECARD (*Conseil ouest et centre africain pour la recherche et le développement agricoles*/West and Central African Council for Agricultural Research and Development) in fostering the resilience of agriculture SMEs in the region was presented. Insights into the impact of the COVID-19 pandemic on the food system across the agricultural value chain were also shared and the vital role the private sector could play in transforming the agriculture sector in Africa, was also highlighted.

At the regional level, as indicated by the baseline survey, although SMEs appear to be the priority of most networks, not all regions are at the same stage when working with SMEs. Newer networks in Central America and the Caribbean appear to focus on awareness and basic training without specialising in any industry sectors as opposed to Japan, where work with SMEs is more focused at specific sectors, like tourism and services. Work on business continuity continued across regions. In the Americas and Caribbean region, **ARISE Trinidad and Tobago** in partnership with UNDRR and the Trinidad and Tobago National Office of Disaster Preparedness and Management (ODPM) conducted a BCP [workshop](#) aimed at training SMEs in DRR and strengthening their resilience. The workshop provided a framework for 18 MSMEs to start identifying and addressing risk exposure to their businesses and prioritising areas for preventive action.

¹ This report will be available in Spanish in 2022.

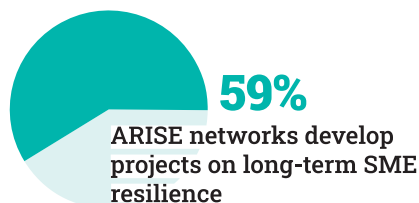
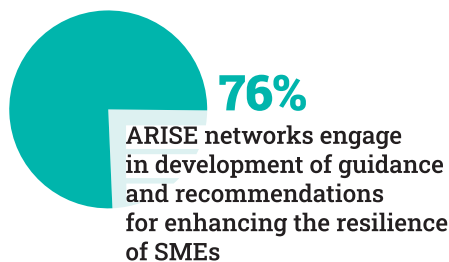
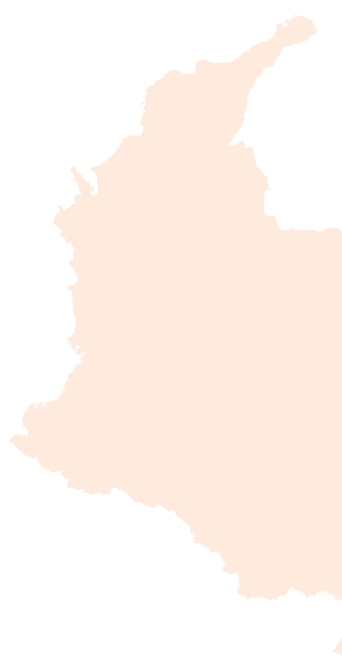


Figure 3:
ARISE Network engagement with SMEs

Top 3 activities - SME's 3:

- Webinars
- Collaboration with Public Sector
- Industry leaders engagement

17 ARISE Networks develop projects on long-term SME resilience



Within **ARISE Colombia**, a notable project continued to progress in 2021. ARISE member FENALCO (The National Federation of Entrepreneurial Businesses and Traders), continues to implement the *"Risk Management and Business Continuity for Small Businesses"* project in Medellin, a city where the convergence of floods, displacement, earthquakes, wildfires and technological hazards results in a high level of vulnerability of the population. The project targets a range of small businesses, including FENALCO's members and affiliates, community networks and other stakeholders. Its two strategic areas, economic recovery and market systems and risk management policy, integrate Disaster Risk Management (DRM), business continuity, business formalization, access to financial credit and solid waste management. Four years into the project, 2,011 members have been trained and 2,189 traders and SMEs reached. A total of 17 community networks, including SMEs have been created and 41 partnerships between public and private entities established. The project enables participants to identify natural hazards, physical risks, financial risks and work-related risks. As a result, traders have committed to improving electrical systems, upgrading commercial buildings infrastructure, acquiring fire extinguishers and adopting emergency plans. The importance of this project lies in improving the ability of traders and SMEs to anticipate risks affecting their businesses and adopt emergency risk management and prevention measures that allow for business continuity. Traders and enterprises are thereby empowered to identify how the context can affect their business and how this impact can in turn impact others.

BOX 1



Business Continuity Tool

ARISE Canada and ARISE in the Caribbean (CARICHAM)² collaborated to support CARICHAM's SMEs resilience strategy by developing a digital tool for business continuity and a business risks assessment which includes key information and concrete steps to analyze and prioritize which products and services are critical to CARICHAMs members operations and customers. The tool introduces businesses to disaster risk from a multi hazard and systemic risk approach. It also equips users with templates and audio visual material guiding them to plan measures to prepare for disasters and prevent future risks. The tool included training, providing a platform for exchange and to disseminate the tool with other initiatives and stakeholders in the region, such as Caribbean Disaster Emergency Management Agency (CDEMA) and CARICOMs private sector association, which contributes to enhanced business knowledge on DRR and a strengthened role of the private sector in DRR. The tool was launched in October at the ARISE Forum for the Americas and the Caribbean. Currently UNDRR, CARICHAM and UNICEF are in the process of developing further checklists that will complement the tool to support businesses actions to support community resilience.

² Network of Chamber of Commerce in the Caribbean <https://www.caribbeanchambers.net/>

On June 8, the TRANSFORM Project³ was launched at an event, with the participation of UNDRR, ARISE Mexico, ARISE Colombia, Consejo Colombiano de Seguridad and the University of Waterloo (Canada). The aim of the project is to improve the resilience of SMEs to disasters, focusing on developing evidence, policy, and practical recommendations on resilient business models for SMEs. The initiative is aligned with ARISE priorities and will assess risks for SMEs within specific value chains and their business models. For this project, the ARISE Networks partnered with local universities and invited six youth researchers to conduct the assessments and develop an initial methodological tool for firms to map their business practices and value chains. A total of 20 good practices for resilient and sustainable SMEs in Mexico and Colombia were identified. The project, inter alia, helped the businesses to identify gaps within the operations that hinder achieving sustainability and resilience. The [Quick Risk Estimation](#) (QRE) tool, launched by the UNDRR Regional Office for Asia and Pacific in 2020, helps SMEs including those in the informal sector to better understand their exposure and vulnerability to disaster risks. In 2021, the tool was utilised by ARISE Networks. ARISE India translated the tool document in local languages - Hindi and Bengali - and promoted the tool through webinars and also collaborated with Indian multinational companies to help spread general awareness about the tool. Given the uptake of the tool by MSMEs, during 2022 a survey will be undertaken to understand the impact of the tool. ARISE India also helped in the awareness raising around the business continuity of COVID-19 affected industries. ARISE Philippines developed the Filipino version of the tool.

2. Investment and Investors

Risk-informed investing has been identified as critical by the Sendai Framework, and it will also be crucial for meeting the 2030 UN Sustainable Development Goals, which calls for more resilient and sustainable global economies. In April at the 'Financing for Disaster Risk Reduction and Risk-informed Approaches to Investing across the Sustainable Development Goals (SDGs)' at the 2021 ECOSOC Financing for Development Forum, Co-chair Mami Mizutori highlighted the importance of the private sector to reduce disaster risk:

"The private sector is often the biggest generator of risk – but this means it also has immense potential to reduce disaster risk. It is essential that all investment and business decisions in the private sector are risk informed. This is something we actively pursue through our private sector network known as ARISE. I hope that this year will see a paradigm shift in political attitudes towards financing for disaster risk reduction especially in places that are largely unprotected from the ravages of the climate emergency and the threat of biological hazards. Their vulnerability makes us all vulnerable."

In October 2021 after an extensive consultative process, the UNDRR study "[Opportunities for delivering risk-informed investment: Addressing the barriers](#)" was launched⁴, building on previous work for risk-informed investment in the European region⁵. The study aims to support the delivery of risk-informed investment by decision makers, primarily in the financial services sector. The



study documents the progress that has been made and the barriers that need to be overcome for risk-informed decisions to be taken. It also offers eight concrete areas where stakeholders can take immediate action to incorporate disaster risk into their investment decisions.

In Europe, the European Commission (EC) has been steadily working to implement its Action Plan for Financing Sustainable Growth. Many of the Plan's implementation activities will help to facilitate increased investment in resilience. In July 2021, the EC adopted several measures to increase its level of ambition on sustainable finance. ARISE members were informed about the progress on the implementation of the EC '[Strategy for Financing the Transition to a Sustainable Economy](#)' led by DG-FISMA. The EC now has clearer objectives in terms of sustainable finance thanks to both the European Green Deal and the more recent 'Renewed Sustainable Finance Strategy'. The latter is built on four pillars: financing the transition to sustainability, inclusiveness, financial sector resilience and contribution, and global ambition.

³ <https://arise.mx/transform-pymes/>; <https://www.transformcities.ca>

⁴ This report will be available in Spanish in 2022.

⁵ UNDRR Regional Office for Europe report (2019) 'Opportunities to integrate DRR and climate resilience into sustainable finance'. Available here: <https://www.undrr.org/publication/opportunities-integrate-disaster-reduction-risk-and-climate-resilience-sustainable>

In the Arab States, the goal of ARISE UAE's "[Swimming with the Sharks](#)" series of events is to bring together start-ups, venture capital and regulators within the framework of ARISE UAE to promote resilience principles within investment. In the first of a series, the Minister of Entrepreneurship and Small and Medium-Sized Enterprises HE Dr Ahmad Belhoual Al Falasi, was the guest of honour who reiterated the importance of resilience as well as the vitality of startups and small businesses in impacting everyday lives as well as how the venture

capital landscape has flourished as a result of COVID-19. In June, the **UNDRR Regional Office in Africa** organised a virtual workshop titled: "[Private Sector Engagement for Risk-informed Development & Investments](#)". The main goal of the workshop was to understand how DRR and climate change practitioners can engage with the private sector to effectively cushion them from disaster related heavy losses on their investments. The workshop encouraged stakeholders from the private sector and beyond to create opportunities for collaboration so that businesses can integrate DRR into their management practices on the African continent. One of the key messages was that, given Africa's immense vulnerability to natural and man-made disasters, the fact that any development project or business that is not risk-informed is simply not sustainable and it is time to turn the tide. Later in December, **ARISE Philippines** launched a [survey](#) on disaster risk informed investments, designed to draw out both member and non-member sentiments about incorporating disaster risk information in their investment decisions. In addition to this, a call for papers on mainstreaming risk informed investments was made in order to draw academic/professional papers on the topic of disaster risk informed investments.



3. Insurance

In 2021 at the global level, guidance for the insurance industry as a means to drive stronger engagement and leadership of these sectors at large in DRR and resilience building was developed. UNDRR's multi-year collaboration with the [International Cooperative and Mutual Insurance Federation](#) (ICMIF) began in 2019 to help address the urgent challenge of reducing disaster risks. The collaboration aims to identify what is needed in practical terms to enable a shift within the insurance industry from a focus on providing risk transfer products and services as a means to protect the insured from disaster risks to an emphasis on prevention through DRR incentives, awareness, capacity, and financing. In 2021, ICMIF became an ARISE member and collaborated with UNDRR on the study "[From Protection to Prevention: the role of cooperative and mutual insurance in disaster risk reduction](#)". The study identifies seven practical mechanisms based on an analysis of 20 case studies from ICMIF members, which provide a practical way for the cooperative and mutual insurance sector to implement the

Sendai Framework. It was officially launched during a webinar on 30 April 2021, which showcased the first pilot projects from ICMIF members working in collaboration with the UNDRR to put the mechanisms into practice.

"Our understanding of and approach to risk not only needs to be fundamentally re-examined, but the interconnectedness and cascading dimension of risk must inform policies, practices and investment. The insurance industry, and in particular the cooperative and mutual sector with its focus on resilience, innovation and community engagement, is uniquely placed to inform and lead such work. ICMIF has a long tradition of supporting countries to enhance national and local disaster risk reduction action; its engagement in the negotiations towards the Sendai Framework for Disaster Risk Reduction led to the inclusion of clear references to the need for private and financial sector and the regulators in driving and implementing disaster risk reduction". Mami Mizutori, UNDRR SRSG

The study was highlighted at the AGM by Robert Wessling, President and CEO of The [Co-operators Group](#), a major insurance group in Canada and member of ICMIF. He also emphasised that although the insurance market plays a critical role in climate change mitigation and adaptation, the focus tends to be on decarbonization as an example of a risk mitigation strategy. Therefore, adaptation strategies to be funded by resiliency investing, such as resilient infrastructure, also need to be considered. ICMIF also launched

a new Prevention Hub with a further 50 case studies on how the insurance sector can drive DRR and prevention in a more concrete manner. The initiative and next steps were presented at a webinar during ICMIF COP26 – Sustainability Leaders event series. The initiative is supported by ICMIF members across the globe at the highest level, as reflected in two CEO Roundtables held with the Co-chair Mami Mizutori in January and October 2021.

BOX 2



Notable finance and insurance initiatives related to ARISE members

2021 saw the inception of two ARISE member-led projects on integrating resilience in the sustainable bond market as well as directing capital to resilience building at the local level. Both pilots will be continuing into 2022, with results expected to create pilots for global application and scope. The Co-operators Group, a member of ICMIF, focuses 20% of their investments on impact investing, which the company sees as 'free positive externalities' as they are at, or lower than, market levels of risk. The Cooperators are working towards investing up to 100% of its assets in impact and resilience. The *'Investing in Resilience'* initiative aims to identify a pipeline of investable, resilience-building projects, identify pools of capital and how to access them and advocate for an enabling regulatory environment. The initiative to *'Integrate Resilience and Disaster Risk Reduction into the Sustainable Debt Capital Markets'*, led by Citibank and ARISE member AI Systems Research (Brazil), was presented at the AGM. This pilot reflects the large and growing role of capital markets and syndicated bank loan markets in financing investments globally and is increasingly considering the positive impact of the green, social, and sustainability bonds ecosystem. Therefore, it is considered necessary to develop a clear and objective document that provides guidance on how to integrate resilience and DRR into the sustainable debt capital markets through existing labeled bonds frameworks, and on how to develop a "Resilience Annex (RA)". This could be included in the documentation of any sustainable bond offering type, and would disclose to investors the critical resilience and DRR aspects of that investment or that borrower.

In addition to this, under the Insurance Development Forum (IDF), which includes ARISE member Willis Tower Watson, further progress has been made on risk modeling and insurance. In order to accelerate risk understanding a group of public and private partners have developed two new initiatives that build on the insurance sectors' risk management knowledge in support of increased climate finance. The **Global Risk Modelling Alliance (GRMA)** aims to address barriers to access risk analytics, and build capacity through collaborative approaches on sub-sovereign risk programmes. The [Global Resilience Index \(GRII\)](#) is a multi-partner initiative under the patronage of IDF SteerCo members - UNDRR Head Mami Mizutori, Mark Carney, and Eric Andersen.

At the regional level, although the baseline survey indicated that the priority area of insurance appears to be least prioritised, there was momentum within ARISE Networks. Networks from **Argentina, Panama, Costa Rica and the Dominican Republic** have integrated key actors of the insurance industry within the networks and participated in the aforementioned UNDRR/ICMIF study. In October, ARISE Dominican Republic focal point EcoRed and

Seguros Universal, the biggest insurer in the country and a member of the national network, participated in the XXVII Congress of Insurers of Central America, Panama and the Caribbean and presented ARISE. In Central America, the insurance sectors of Costa Rica and Panama started to work together to create common guidelines to manage their businesses responsibly and sustainably and thus contribute to sustainable development. As part

of the [*“Protocolo Sectorial para la Conducta Empresarial Responsable del sector Financiero de Seguros de Costa Rica y Panamá”*](#) (Responsible Business Conduct in Latin America and the Caribbean (CERALC)) project, more than 60 representatives of insurance companies, intermediaries and public regulatory institutions will participate in workshops to raise the standards of sustainability and human rights in the insurance sector, through the collective construction of a voluntary sectoral protocol that promotes responsible business conduct. The project is being led by the Asociación Empresarial para el Desarrollo (AED) in Costa Rica (**ARISE Costa Rica**) and Sumarse in Panama (**ARISE Panama**), with the participation of the General Superintendence of Insurance of Costa Rica (SUGESE) and the Superintendence of Insurance and Reinsurance of Panama (SSRP). In September 2021, work started on the design of the project and the protocol is expected to be launched in March 2022.

At regional fora such as the **ARISE Honduras** led Private Sector Symposium for Sustainable Development held in May, representatives from the insurance sector showcased examples of incentives for businesses to promote the use of insurance mechanisms and highlighted the importance of understanding risks. Later in October at the **ARISE Americas and Caribbean Forum**, **ARISE Argentina** led the session *“Transferencia De Riesgos - El sistema de seguros como herramienta de prevención y desarrollo de resiliencia”* (Risk Transfer - The insurance system as a

tool for prevention and resilience building). Network member Grupo Sancor Seguros presented a novel insurance project on *“Evaluación de las sequías para la reducción de la inseguridad alimentaria”* (Drought assessment for the reduction of food insecurity) that targets drought prone provinces in the north of Argentina. The project aims to support low-income small scale farmers and livestock breeders whose livelihoods and food production are directly impacted by dry spells, leading to food insecurity and malnutrition. Unlike general insurance policies, this parametric insurance model is a product tailored to vulnerable families, using satellite indices to trigger compensation payments in the event of drought. Satellite images, climate indicators and field research are used to analyse whether vegetation and climate variations have exceeded agreed thresholds. If this is the case, an alert for the disbursement of the insured amounts is triggered thereby contributing to maintaining the purchasing power of targeted communities and stabilising local market prices. This type of insurance coverage design acts as both a risk mitigation tool and a catalyst for prevention strategies. In line with the Sendai Framework and the objectives of ARISE, it represents an ideal case study to discuss the importance of multi-stakeholder action involving the private sector, the non-governmental sector and the government. Sancor Seguros also presented successful insurance schemes in the region at the first Network Leader’s meeting.

BOX 3



Resilient Community Prototype in Escuinapa, Sinaloa

ARISE Mexico, in alliance with the State Government of Sinaloa and the Municipal Government of Escuinapa, designed a housing and community prototype with the objective to strengthen the resilience of communities exposed to hydrometeorological events. In 2021, the second phase of the project was conducted in two communities. So far 60 housing prototypes have been certified by a national constructions-code regulator and by AXA Risk Engineering Group. This validation will allow ARISE Mexico to protect the houses with housing insurance for the first year. A strategy was developed to improve the disaster resilient capacity of people, the community and their homes. This includes training to identify and reduce local risks, the development of a continuity plan for both communities in partnership with local authorities, civil protection equipment for the local government in order to be better prepared in future events and personal finance workshops for the community, in order to cope with the responsibilities of having a formal household.

A document will be published with the learned lessons and some guidelines for DRR and resilient communities, with the intention that any private sector institution can use it as a roadmap for community interventions.

ARISE USA initiated an insurance symposium series, and in September organised a wildfire Insurance Symposium (Including new member Willis Tower Watson). Increased wildfire risk is both growing and changing, and this trend is stressing existing approaches to managing and insuring wildfire risk. Current methods for insuring wildfire risk therefore are not considered fit for purpose, as evidenced by the growing cost and decreasing availability of coverage. The symposium offered access to the latest thinking on wildfire DRR for stakeholders such as insurers, governments, engineers and other risk managers, land/building owners, catastrophe modelers, financial services and community organizations. A second one focusing on issues to be overcome in order to increase flood resilience, and potential solutions to these is being planned for 2022. ARISE Philippines held a two part webinar series in November designed to equip SME owners with a basic understanding of risk management tools as

well as the introduction of parametric insurance products. A [short survey](#) was also developed to map out sentiments about insurance products and disaster preparedness among the business sector, specifically MSMEs. At the first Network Leader's meeting, Mr. Michael F. Rellosa, Executive Director of Philippine Insurers and Reinsurers Association (PIRA) and member of ARISE Philippines presented current initiatives of PIRA for addressing and reducing disaster risk in the Philippines in partnership with different international organizations, for example the development of nature-based solutions for adaptation to climate change. Mr. Jihad Faitrouni, CEO of the Dubai Islamic Insurance & Reinsurance (AMAN), and member of ARISE UAE highlighted the importance of creating awareness and incentive schemes to encourage risk prevention, innovation and technology to refine data on risk classification in order to improve insurance products.

4. Resilient Infrastructure

With over US\$9 trillion to be invested in infrastructure by 2030, it is critical that this investment is risk-informed. The [Coalition for Disaster Resilient Infrastructure](#) (CDRI) has been an opportunity for ARISE to pilot resilient infrastructure through the national networks. At the global level, on March 2, an extraordinary Board Meeting was held to celebrate ARISE becoming an official member of CDRI. Five areas were agreed for cooperation between ARISE and CDRI: Financing disaster and climate resilient infrastructure, developing technical standards for disaster and climate resilient infrastructure, promoting innovation in infrastructure sectors, creating a marketplace for resilient infrastructure, and advocacy and partnerships. At the ARISE AGM Kamal Kishore, India Co-chair of CDRI, presented the initiative to the broader ARISE audience

and discussed options for ARISE engagement. Links have already been established between the CDRI and ARISE Networks, specifically in South Africa, to take these forward.

Networks in the regions have initiated projects related to resilient infrastructure on the ground. For example, ARISE USA developed a Critical Asset Management System (CAMS) tool (See Box 4). In addition to this ARISE USA, together with other members in the region, is developing a cost modeling tool for resilient infrastructure for urban planning. In Asia, ARISE Philippines and the International Finance Corporation are working in close collaboration on the Building Resilience Index (See Box 5).

BOX 4



Critical Asset Management System (CAMS)

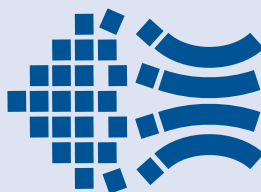
ARISE USA is collaborating with ARISE Dominica and the Ministry of National Planning in piloting the [Critical Assessment Management \(CAM\) Tool](#) which serves two ARISE priorities - Insurance and Infrastructure. This is a free software to enable both cities and small countries to maintain an inventory of their critical assets and the linkages between them, so that they can plan to deal with cascading failures. The project will go live in Dominica in Q2, 2022. Social media presence was also established on Twitter and Linked In. ARISE US has already developed a [beta version of the tool](#) and will organise a demo session with cities in the framework of the Make Cities Resilient Initiative ([MCR2030](#)).

Investment on climate resilient infrastructure is crucial to achieving sustainable development and advancing social and economic equality. On the African continent, several emerging trends are driving the need for resilient infrastructure such as overall urbanization, compounded by growing climate change risks, increasing conflict and displacement. To respond to these demands, **ARISE Africa** is working towards the creation of the 'Africa Working Group on Resilient Infrastructure Investment' (AWGRII)⁶. The AWGRII aims to raise awareness on the continent of the work of the CDRI, who was asked to support modelling, coaching, and advocacy in the development of this working group going forward. In June, **ARISE Africa** organised an online workshop on climate resilient infrastructure investment where representatives from UNDRR, ARISE, the Private Financing Advisory Network, Global Compact and RBN Fund Managers, unanimously agreed on the importance for African countries to build

more climate resilient infrastructure and the significant role of the private sector in investing in this field.

In the Arab States, an [exploratory roundtable discussion](#) with **ARISE UAE** Board Members and real estate authorities on infrastructure resilience was organised in March which brought together key experts from the industry. The real estate developers and regulators underlined the need for the public and private sectors to join efforts in enhancing resilience in the real estate sector through continuous information sharing and exchange. An agreement was made to establish a platform/committee under the **ARISE UAE** which will include regulators, investors, real estate developers, and operators to continue the dialogue on real estate infrastructure resilience; pilot the development and application of a real estate infrastructure resilience standard and certification; and promote infrastructure resilience among other stakeholders.

BOX 5



Building Resilience Index

The International Finance Corporation (IFC) initiative - the '[Building Resilience Index](#)' (BRI), aims to help building developers and owners assess and report location-specific climate change related risks and risk mitigation measures that address these risks. The BRI is a web-based free self-assessment tool applicable for either personal use or professional assessment on business resilience against potential risks (geoseismic/wind/water/fire) that aims to help identify, manage and disclose risks. In December 2021, the BRI went live, with the first app demonstration, held in partnership with **ARISE Philippines** and network members including SM Prime Holdings, Inc. and NEO Property Management. The IFC has selected the Caribbean for BRI's next launch, with a specific focus on Dominica, Dominican Republic and Jamaica.

ARISE Philippines has also been instrumental in the launching of the Building Resilience Commitment (BRC) campaign in support of the BRI tool. The initial aim of the project was to encourage leading developers of the country to pledge 1 million square meters of local building space for the construction or retrofitting to promote greener, resilient and more inclusive Philippines. **ARISE Philippines** has already started campaigning for the adoption of this tool through the BRC, which is a call to action for businesses and organizations to collaborate in order to promote infrastructure resilience and safety through the BRI App. As of December 2021, total pledges for the BRC campaign reached 1.86 million square meters which includes 41 projects and 9,700 housing units.

This initiative is also being piloted by **ARISE Dominica** through the Dominica Association of Industry and Commerce (DAIC) to ensure developers and building owners will be able to assess their buildings to ensure resilience of their infrastructure. Prior to the launch there will be an adaptation phase of the BRI and pilot testing on a variety of buildings.

⁶ This group currently comprises the African Union of Architects, the Private Union, the Private Financing Advisory Network (PFAN), and Global Compact South Africa.

EXTERNAL STRATEGIC COLLABORATION

2021 saw accelerated collaboration between the ARISE Network and the United Nations Development Programme-United Nations Office for the Coordination of Humanitarian Affairs (UNDP-OCHA) Connecting Business Initiative (CBI). This partnership leverages the mandates of the respective organizations dedicated to resilience building, multi-hazard risk reduction, and disaster prevention. At the regional level, ARISE and CBI members collaborated on various events and initiatives covering the full spectrum of resilience building, with ARISE leading on DRR and prevention, and CBI focusing on response and recovery action. Two key events took place in the African region in October: **ARISE Africa (South and East Africa Networks)** jointly organised a webinar focused on “*Strengthening the role of the African Private Sector in Disaster Risk Management (DRM)*” which underlined existing challenges and opportunities for private sector engagement in DRM in Sub-Saharan Africa; and a private sector round table on “*Partnering for a More Resilient Kenya*”. This discussion brought together representatives from Kenya’s National Disasters Operation Centre, the Kenya Private Sector Alliance and the United Nations to discuss the opportunities and challenges for private sector engagement in both DRM and humanitarian response. A working group was proposed to work to strengthen the policy and regulatory framework and to involve the private sector in a more clear and comprehensive manner. CBI and ARISE Africa also discussed their plan to hold a joint series of awareness campaigns and virtual roadshows leading to the GP2022.

In the Americas during the ARISE Regional Forum in the Americas and Caribbean, CBI organised a [Turbo Talk](#) on “*The Role of Private Sector Networks in Disaster Preparedness, Response and Recovery*”, which featured an intervention from the CBI coordinator. CBI also presented case studies of collaboration between networks in Haiti and Mexico. Additionally on 15 October, CBI and ARISE in cooperation with the National Disaster Management and Emergency Response System (SINAE) of Uruguay hosted a webinar on engaging private sector associations in DRR. UNDRR has also supported the inception process of the USAID Caribbean Corporate Investment for Resilience (CCIR) project by participating in the initiative’s workshops, providing technical advice and guidance, and by engaging ARISE members and stakeholders in the development of CCIR project’s first products. CBI, together with UNICEF’s Business and Communities Resilience Initiative participates in the regional UN private sector engagement group led and coordinated by UNDRR, thereby providing a space of interaction and cooperation with ARISE Networks in the region.

There has also been engagement with the Global Compact in South Africa. In October, **ARISE Africa** held a joint dialogue on resilient practices to support sustainable SMEs. Some key outcomes included the decision to reach out to national small business chambers/institutes and other professional bodies for supply chain management and invite them to join ARISE to benefit from knowledge exchange. When a critical mass of 100 plus SMEs is actualised, then a survey on local SME business continuity and resilience planning to identify bottlenecks and challenges will be conducted.

INTERNATIONAL DAY FOR DISASTER REDUCTION (13 OCTOBER)



The International Day for Disaster Reduction (IDDR) is held annually on 13 October. The 2021 edition focused on “International co-operation for developing countries to reduce their disaster risk and disaster losses” which is the sixth of the Sendai Seven targets. At the regional level, networks commemorated the day by holding events. In the Arab States, a High-

Level Dialogue on “[International Cooperation to Scaleup Financing for DRR: Build Back Better](#)” was held and attended by the Chairman of **ARISE Egypt**. In addition to this, as mentioned previously **ARISE Africa** in conjunction with CBI held a webinar on the “[Strengthening the Role of the African Private Sector in DRM](#)”. At the end of the

webinar, participants gained awareness of the different opportunities for private sector engagement in DRM in Sub-Saharan Africa. Participants also committed to jointly participate in the Eighth session of the Africa Regional Platform for DRR, held in Nairobi in November 2022. In the Americas, IDDR coincided with the annual [El día ambiental de Evolución SOSstenible](#) (Sustainable Evolution’s environmental day) and a panel “*Disaster Resilient Businesses - International Experiences from the ARISE Network*” was organised by **ARISE Costa Rica** and attended by 71 people. The experiences of ARISE USA, UNDRR and the National Ministry of Disaster Risk Management (CNE) were presented, moderated by ARISE Mexico. In Asia, a webinar on “*Working Together beyond Borders*” showcased the international cooperation between the Philippines and Korea to resolve issues relating to DRR concerns in the country. The event was held in cooperation with the Embassy of the Republic of Korea in the Philippines and SM Prime, and was attended by around 150 participants.

ARISE AT THE UNDRR REGIONAL PLATFORMS



Regional Platforms for DRR represent unique multi-stakeholder mechanisms to assess the progress made in implementing the Sendai Framework, including key DRR challenges and priorities to accelerate its implementation at the regional level. Regional Platforms reflect the

commitment of governments and partners to improve DRR coordination and implementation along the lines of the Sendai Framework priorities, in full coherence with other core international development agendas and national efforts (such as the Paris Agreement and the SDGs). As such, they provide a key opportunity for ARISE networks at the regional level to share experiences and develop common positions in support of the regional DRR discussions. Due to the COVID-19 pandemic and related travel restrictions, all Regional Platforms for DRR scheduled to be held in 2020 were postponed, with a majority taking place throughout November 2021 as per relevant coordination with Host Governments: Africa (Kenya); Americas and the Caribbean (Jamaica); Arab States (Morocco); and Europe and Central Asia (Portugal). The Asia Pacific Ministerial Conference on DRR will be taking place in 2022 (September), as per the Host Government's decision (Australia).

Regional Office for Arab States (ROAS)

The Fifth Arab Regional Platform for DRR | From risk to resilience: accelerating local action for DRR, took place in November. ARISE Members from the region presented a Sendai Framework [Voluntary Action Commitment](#) for the Private Sector in DRR during the Plenary Stakeholder Session, in which they pledged to support the implementation of the Prioritised Action Plan 2021-2024 of the Arab Strategy for DRR by: raising awareness; exercising

influence; sharing knowledge; catalysing innovation and collaboration around DRR; and implementing projects and activities to achieve targets of the Sendai Framework. ARISE Members also participated in Thematic Session 3 on *"Building a Better Future: Financing Disaster Risk Reduction for Climate Adaptation and Resilience"*, with the International Real Estate Federation presenting on resilient infrastructure.

Regional Office for Africa (ROA)

In the lead up to the Seventh Africa Regional Platform, ARISE Africa led a private sector stakeholders consultative meeting. Stakeholders included CBI, Africa Research and Impact Network, Kenya Private Sector Alliance and others. The outcome of these consultations were commitments to help countries in Africa to build more

resilient infrastructure and to ensure that the private sector plays a role in this process. The consultations also came up with voluntary commitments for the private sector to continue to support the implementation of Sendai Framework in Africa⁷.

Regional Office for Americas and Caribbean (ROAMC)

In October, the regional [ARISE Forum for the Americas and the Caribbean](#) was held virtually, coordinated by 12 networks and attended by more than 400 participants, along with other business initiatives such as CBI (UNDP-OCHA) and the Business and Communities Resilience Initiative (UNICEF). The key topics addressed were aligned to the ARISE Priority Areas, and included *inter alia* cost and benefit modeling for resilient infrastructure; the role of the insurance sector in DRR, SMEs resilience competitiveness and sustainability; BCPs and lessons from COVID-19. The forum promoted the sharing of good practice among the ARISE Networks to accomplish the global priorities. It enabled discussion on the role of the private sector in advancing collaboration for public-private

partnerships in DRR and highlighted key elements, concepts, findings and tools developed in collaboration or by ARISE Networks. The forum served to collect key lessons and messages presented during various sessions of the VII Regional Platform for DRR which took place later in November in Jamaica in which ARISE members also participated. A side event focused on *"Strengthening SMEs Resilience"* was organised by ARISE, the CARICHAM Network, and the University of the West Indies. The need for enhanced public-private partnerships and investments in disaster risk prevention and reduction was emphasised in all of the Regional Platform's key outcome documents.

⁷ These can be logged as an official [Sendai Framework Voluntary Commitment](#) at a later date.

Regional Office for Europe and Central Asia (ROECA)

At the European Forum for DRR (EFDRR) held in Portugal in November, the role of the private sector played a significant role throughout. In a session “*Building SME resilience and private sector networks for DRR*,” Co-chair Hans-Peter Teufers and Vice-Chair Fernando Perez de Britto spoke on the importance of supporting the resilience of SMEs and the private sector by building upon available networks such as Chambers of Commerce, Business Association, Insurance companies and others. The “*Building the resilience of SMEs in Serbia*” initiative, which was presented at the ARISE AGM, was further discussed by Katarina Jovanovic, Assistant Minister, Ministry of Economy, Serbia. This study was informed by

a qualitative and quantitative survey of 550 SMEs undertaken by UNDRR and partners in Serbia to better understand and address the risks SMEs face. During the second session “*Private Sector and Financing Disaster Resilience*” participants reflected on what can be done to direct more funds towards DRR, and how the better integration of risk can protect the most vulnerable and reduce financial risk. Participants acknowledged the importance of understanding disaster resilience as a core public good and underlined the need for a new ‘social contract’ on investing in disaster resilience, which sets out the responsibilities and liabilities of public and private bodies.

Regional Office Asia and the Pacific (ROAP)

The Asia-Pacific Ministerial Conference on Disaster Risk Reduction (APMCDRR) is scheduled to take place from 19 to 22 September 2022. As a preliminary event to the APMCDRR on the 8th and 9th of December, the Asia-Pacific Partnership for Disaster Risk Reduction Forum

(APP-DRR) was convened virtually. The Forum launched the Asia-Pacific Action Plan 2021-2024 for the implementation of the Sendai Framework of DRR 2015-2030, which ARISE Members actively contributed to, together with a wide range of stakeholders.



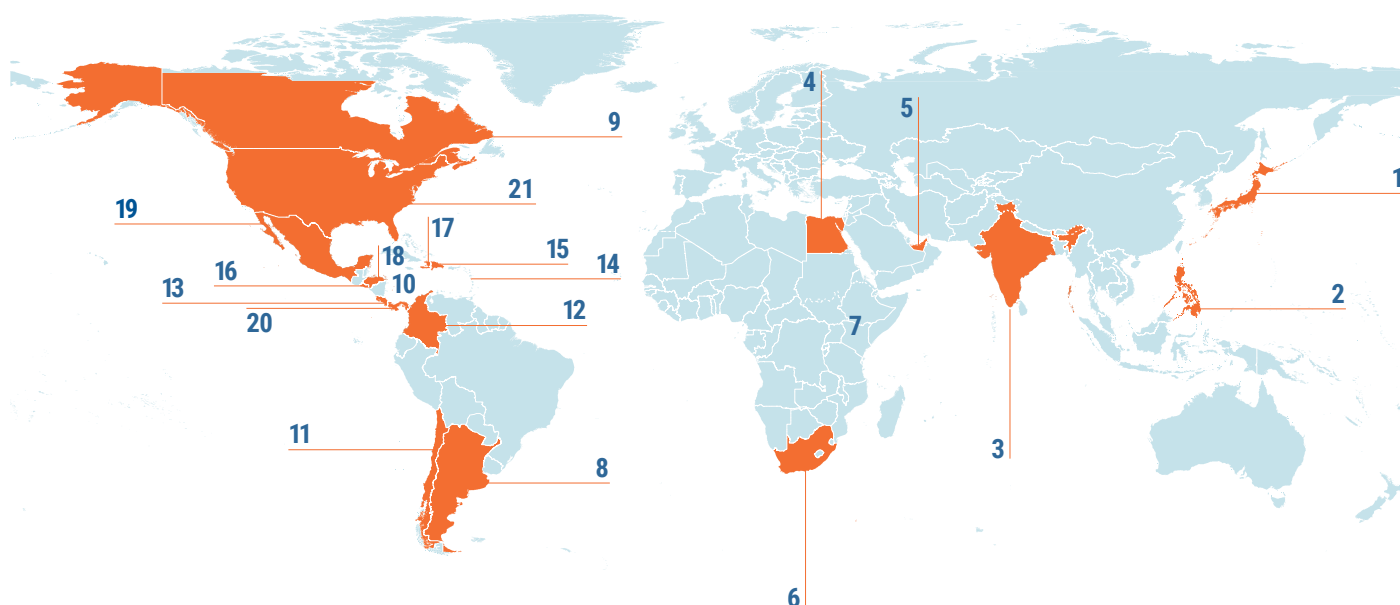
European Forum for Disaster Reduction 2021

ARISE NETWORK HIGHLIGHTS IN 2021

ARISE National and Regional networks ('ARISE Networks') are set up in alignment with the specific requirements and local environment of the respective country and region, with the overall mandate to promote, enhance and support the implementation of the Sendai Framework. 2021 saw the expansion of ARISE to three new countries - Argentina, Panama⁸ and Egypt, taking the total to 29 networks. In addition to this, 82 new member applications were received across the networks⁹.

"ARISE Egypt will play a pivotal role in engaging the private sector and non-governmental business organizations in the Arab and African countries. The exchange of best practices with various international organizations will have the greatest positive impact on creating a more resilient and strong business community in Egypt". Ali Helmy Eissa, Chairman of the Board, Egyptian Businessmen's Association.

The following section provides an overview of select activities¹⁰ carried out by some ARISE National and Regional Networks during 2021 that are closely aligned with the ARISE priority areas.



1 ARISE Japan

Company / Organization: 

- The Japan JTB Tourism Research & Consulting Co.
- Tourism Resilience Japan

ARISE Japan's Action Plan for 2019-2022 was submitted as a [Sendai Framework Voluntary Commitment](#) (SFVC) and activities/outputs in 2021 contributed towards the network's five SFVC deliverables. In March a public symposium was held which reached 60 participants (40% non-ARISE private sector), contributing to SFVC Deliverable 1. In December, a joint ARISE statement submitted to the APP-DRR contributed to SFVC Deliverable 2, and the inaugural ARISE Japan-Philippines Knowledge Sharing Session (KSS) contributed to Deliverable 4. In 2021, two additional online sessions, including the inaugural KSS, were held in order to better engage ARISE members without face-to-face meetings. In order to facilitate the KSS an ARISE member, BRICKS corporation, made an

in-kind contribution of a translation software for dual-language sessions. Separately, a slide deck to explain ARISE and ARISE Japan to prospective members, was completed and disseminated for use. 29 ongoing pilots were submitted to the UNDRR pilot repository (to be published on the ARISE website in 2022). ARISE Japan's strongest impact comes out of business activities in DRR of its members each working in their sector. Activities reported in 2021 range from survey research, to rapid processing of insurance claims through innovation, to capacity building in SMEs, to providing satellite imagery in trial versions of DRR tools to encourage investment in these tools. Further information about the KSS and ARISE Japan's action plan-based work towards the resilience of tourism SMEs has been highlighted earlier in this report.

⁸ In Panama, SUMARSE, a member of the Global Compact and representative of the World Business Council for Sustainable Development in Panama, will lead the ARISE network.

⁹ Of which 11 were pending due diligence at the end of the year.

¹⁰ The following section has been derived from submitted national network reports and edited down at the discretion of UNDRR.

2 ARISE Philippines

Company / Organization: 

SM Prime Holdings

In 2021, efforts were made to 're-energise the network' and establish internal changes in order to shape the objectives of the network. Among the changes were the development of the 2021 Strategic Framework, the adaptation of the [Terms of Reference](#), the designation of Work Themes, the distribution of a [monthly newsletter](#), and the creation of a Secretariat team.

Key network activities in 2021 included: The 9th Top Leaders Forum held in December in collaboration with SM Prime Holdings Inc and the National Resilience Council with the theme "*Ensuring Continuity of Private Sector Engagement for Effective Disaster Risk Governance Given New Risks Due to the Pandemic, Impact of Climate Change and the Economic Outlook*". The event brought together close to 300 participants from the private sector and the government and the outcome was an exchange of expectations, shared experiences and knowledge towards a common understanding and preparedness of possible ways ahead in the post-pandemic DRR government in the context of the effects of climate change; The Galing Pook Awards, a partnership between the Galing Pook Foundation and SM Prime Holdings Inc., which was borne out of an ARISE Philippines introduction. Nominees were solicited from different Local Government Units for remarkable community programs during the pandemic. ARISE

Philippines also joined a consultation with Rt. Hon. Anne Marie Treveleyn, in preparation for COP26 and invited participants from the private sector to share priorities on driving climate change adaptation and building resilience.

Within the Work Theme Disaster Risk Management Strategies, ARISE Philippines and UNDRR ROAP were part of a three-part Disaster Risk Management Strategies and Knowledge Series specifically the "*Integrating Risk Management and Resilience in Business Operations and Corporate Reporting*" webinar held in August. Under the Work Theme - Education and Training, ARISE Philippines launched an internship program - the Future Resilience Leader Program (FRLP) - in partnership with SM Prime Holdings Inc. , open to all Asia Pacific College (APC) graduating college students. Under ARISE Priority Area 1 there were additional activities under the network member Philippines Disaster Resilience Foundation (PDRF) including a MSME Guidebook, iAdapt, SIKAP and Katatagan in a Box. And lastly in September, a partnership between SM and Manila Observatory was signed on the All-Weather Monitoring System project which will produce daily forecasting (weather, climate and clean energy) up to five days in advance through the Automated Weather Stations (AWS) installed in SM malls nationwide. Once fully operational, the AWS and the data generated will be shared with the members of ARISE Philippines.

3 ARISE India

Company / Organization: 

The Federation of Indian Chambers of Commerce and Industry (FICCI)

The main ARISE efforts in 2021 were devoted mainly to innovations to assist the Government of India in managing the two waves of COVID-19 which greatly impacted the country. ARISE India was also involved in capacity building programs, general awareness programs, innovation challenges and a few studies on DRR. Some notable activities include a mapping exercise on DRR and climate change by ARISE India member, the Resilience Innovation Knowledge Academy, along with the National University of Malaysia. A mapping of the Association of Southeast Asian Nations was undertaken to identify the current and potential roles of its relevant bodies in disaster management including DRR, and to map existing technical expertise, capabilities, and resources to strengthen the multi-sectoral collaboration in disaster management. The Tech Emerge Resilience India Challenge emerged from the TechEmerge initiative of the Asian Disaster Preparedness Center. Led by the Resilience Innovation Knowledge Academy, in collaboration with the Indian Institute of Technology, it brings together innovators from across the

world to implement their novel solutions in the sphere of DRR. Seven innovators are implementing their solutions in the two states of India viz Himachal Pradesh and Uttarakhand, and these product and process innovations can become relevant models for interventions in other states too. The objective is to enhance the capacity of the communities and State Disaster Management Authorities, to prepare and respond to disasters and climate risks and COVID-19, through cutting-edge technological interventions that leverage disruptive technologies such as AI, IoT, drones, digital plow-tech Wi-Fi-connectivity radios, to ensure information access to remote communities. There was collaboration with CDRI and programs were co-organised such as the DRI Dialogue. In collaboration with the Japan Bosai Platform and CDRI, ARISE INDIA conducted an international webinar on "*Innovations, New Technologies and AI: Tol for Managing Complex Future Disasters post COVID-19*" on 02,16 and 30 September, in which Japanese and Indian private companies showcased their innovations and new technologies. ARISE INDIA members also took part in Resilient Infrastructure Marketplace in virtual exhibition mode in 2021, organised by CDRI.

In terms of covid efforts, network member ActionAid Association reached out to seven million people through the second wave of COVID-19 in India and provided life-saving primary care, medicine, testing, counseling, referrals, helpline support, food and cash to cover essential needs for families experiencing hardship. Other noteworthy

achievements for the network include developing apps for oxygen cylinders and mobile hospitals in the private sector. ARISE India member Institute for Integrated Rural Development organised a series of webinars exploring post-COVID-19 scenarios in education, public service, health, employment, and livelihood.

4 ARISE Egypt *New Network*

Company / Organization: 

Egyptian Businessmen's Association (EBA)

The Egypt Network was launched in October at a ceremony held by the EBA. The network has now formed a Board and is now working on increasing its membership by creating more awareness about the concept. The network has also started to work on creating its Terms of Reference and work plan which has several pillars, aligned with the ARISE priorities. These include: SME Resilience under which many activities are planned which include a survey to evaluate the challenges faced by

SMEs, a seminar to highlight how start-ups can access finance, a knowledge programme to simplify the concept of business resilience and how to implement a BCP. Activities under a pillar focusing on infrastructure resilience include knowledge exchange seminars with other ARISE Networks and engagement with CDRI. Resilience amidst global climate change is also a pillar and activities around adaptation, amongst others, will be highlighted especially given that Egypt will host the 27th session of the Conference of the Parties (COP 27) in Sharm El-Sheikh Egypt from 7-18 December 2022.

5 ARISE United Arab Emirates (UAE)

Company / Organization: 

- **International Real Estate Federation**
- **Estmaraya Consulting and the CEO Club**

In 2021, ARISE UAE focused on activities related to influencing, knowledge sharing, implementing, and raising awareness. The network was also involved in the International Resilience award in partnership with Blackstone Resilience, which was presented in 2021. The chairman of ARISE UAE, Dr. Mahmoud Elbourai, was one of the Judges and undertook an extensive study of hundreds of cases. This award aims to recognise resilient organizations around the world and at this event organizations from the region were able to share their stories and receive recognition for their efforts. As an outcome, a partnership was established with Blackstone Resilience to increase exposure to ARISE UAE and the united efforts of the UNDRR Arab States. ARISE UAE also participated in the Arab Forum for Sustainable Development 2021 (AFSD-2021) in a special session for the private sector under the theme "*Catalyzing Private Sector Engagement in the Decade of Action*" in March. The session explored

a suite of powerful and practical examples within the Arab world from youth skilling to ensuring employability to the empowerment of women in the workplace, and to supporting business resilience among SMEs. Through the activities that took place in 2021, ARISE UAE was able to establish a presence in the region in line with the adage '*awareness is the first step to change*'. In 2022, the intention is to gain momentum and gain tangible results from previous efforts and explore other ARISE priorities such as how insurance can enhance resilience.

Outside the global ARISE priorities, network member RAK Hospitals launched an online COVID-19 Rehabilitation program. The objective of this initiative in association with RAK Hospitals is to provide support to UAE residents who were affected by COVID-19, by supporting both their needs through an online program developed to provide health information through webinars, physical therapy, nutritional advice, and mental health services, free of cost.

6 ARISE South Africa

Company / Organization: 

Africa Business Group

7 ARISE East Africa

Company / Organization: 

- Eastern Africa Humanitarian Private Partnership Platform
- Safety Instructors and Planners K Limited

Given the nascent status of the two networks in Africa, much of the effort was spent raising the visibility of the networks through outreach to other networks and partnering in knowledge exchange forums and collaborating with other private sector initiatives such as CBI and the Global Compact. In addition to this in late 2021, the

groundwork for two pilots was laid focusing on Resilient Infrastructure (ARISE South Africa) and the resilience of SMEs (ARISE Kenya), which will be implemented in 2022. Due to the COVID-19 situation, the ARISE Africa Network decided to hold monthly knowledge sharing and learning sessions to ensure awareness about national, regional, and global DRR and resilience related matters. The events were open to other constituencies who have an interest in DRR and were conducted virtually in the form of webinars and moderated resilience dialogue forums.

8 ARISE Argentina *New Network*

Company / Organization: 

- ILAPyC
- INFOREST
- SPACE SUR
- Comisión de Gestión de Riesgos del Colegio de Ingenieros Especialistas de Córdoba
- SANCOR Seguros

The Argentina Network was formally launched on 23 June 2021 by a group of ten companies through a virtual event which acted as a space to present the network members and to share experiences with other ARISE networks in the region, such as ARISE Chile and ARISE Mexico. The efforts during 2021 are characterised by the organization of the new network, with a focus on institutionalization, definition and approval of the Terms of Reference and the Work Plan for 2022 through eleven virtual meetings of the Board of Directors held along with the participation of the other ARISE members.

The main activities carried out and participated in by ARISE Argentina members include: An event organised by ARISE member PROCORDOBA at the VIth Conference on Humanitarian Aid and the Private Sector in September. This private sector focused event with the theme "*Mecanismos de Cooperación y articulación entre el sector público y el sector privado para el logro de comunidades resilientes*" (Cooperation and articulation

mechanisms between the public and private sectors for the achievement of resilient communities) included a session to present and publicise the ARISE Argentina initiative. ARISE Argentina was also a member of the coordination group of the ARISE Americas and Caribbean Forum held in October.

Projects by ARISE Argentina members aligned with ARISE priorities include: SMEs - Transport of Hazardous Materials and Waste, which focuses on SMEs increasing the resilience of transport companies in the sector (Catamp); Insurance - Drought assessment for the reduction of food insecurity (Grupo Sancor Seguros); Resilient Infrastructure - Technological platform for risk management to promote a risk management platform that allows the development of a simple and homogenous proactive management vision in a simple and homogeneous manner (Space Sur). In order to publicise the network, an article "Disaster Risks: A real mechanism for the private sector in Argentina", was published in the portal MERCOURIS.com. The network has also initiated a dialogue with Argentina's national authority on DRM with the view to contribute to the goals of the national DRR strategy. In October work began with the Integrated Risk Management Network for Science and Technology (GIRCyT) with the aim to move forward with a cooperation agreement from 2022 onwards.

9 ARISE Canada

Company / Organization: 

McAllister & Craig Disaster Management

At the 2021 AGM, Adam McAllister (CEO of McAllister & Craig Disaster Management) was elected National Chair of ARISE Canada. Since then, ARISE Canada has entered into a network renewal phase. In 2021 ARISE Canada, in partnership with the Global ARISE Network, led the development of the 'Race To Resilience' campaign, a sibling of the 'Race To Zero' campaign. These UN-backed initiatives were launched at CoP26, and whereas the Race To Zero focuses on capturing climate change mitigation efforts, Race To Resilience focuses on accelerating climate change adaptation action. Also in 2021, McAllister & Craig Disaster Management partnered with CARICHAM to develop a region-wide BCP Toolkit, highlighted in Box 1. Across various region-wide program familiarization and training workshops, businesses responded with overwhelmingly positive feedback for the

initiative and the scale-appropriate, context-informed toolkit.

Additional efforts to date include dedicated resourcing for ARISE Canada website and member engagement, new member outreach; collaboration with ARISE USA on several webinars, specifically on flood and wildfire emergencies, partnership with ARISE Mexico and the UPS Foundation regarding assessment of ARISE member resilient business practices; engagement with several private sector organizations about better representing the arts, culture and heritage sector within ARISE Canada; exploring ARISE Canada support for coastal resilience programs and activities along the Atlantic, Pacific and Arctic oceans; and advocating for inclusion of the Indigenous perspective and Canada's Indigenous-owned businesses in ARISE Canada resilience initiatives.

10 ARISE Caribbean - Chambers of Commerce from the Caribbean Community (CARICHAM)

Company / Organization: 

Dominica Association of Industry & Commerce (DAIC)

In 2021, the CARICHAM Business Resilience Toolkit was developed. The toolkit includes a guide, template, videos, trained trainers in the Chambers to support businesses in completing their BCPs and guide them through the process. The toolkit was accessed by over 90,000 businesses in five different languages and served to enhance the knowledge of over 200 businesses in mitigating their disaster risk and provide access to best practices in mitigating the severe impact of the pandemic. CARICHAM also participated in events with UNDRR and CDEMA to bring awareness to improving resilience within the private sector. In July, ARISE CARICHAM participated in a webinar discussing the importance of resilient MSMEs and shared practical information on business preparedness and BCPs for MSMEs in the Caribbean. CARICHAM also organised the sixth and seventh webinars of its webinar series titled "CARICHAM Regional

Growth Series" to promote business resilience. In May the sixth episode, organized in coordination with UNDRR, ARISE British Virgin Islands, and the Energy Chamber of Trinidad and Tobago, was released on May 21. The theme, "*Leveraging Business Continuity Planning to Enhance Business Resilience for the Hurricane Season and the Impact of Multi-Hazards on the Caribbean*", focused on sharing good practices with other businesses to integrate resilience planning within operations. On July 2, the seventh episode on "*The Importance of Cybersecurity for Business Continuity Planning*" was released" which raised awareness on cybersecurity threats in a context of massive digitalization of companies and shared good practices and solutions among the private sector stakeholders on cybersecurity. Lastly, during the CARICHAM side event at the Regional Platform, recommendations and concrete action points for policy makers, SMEs and private sector organizations on key actions to build SME resilience were provided.

11 ARISE Chile

Company / Organization: 

AED

In 2021, ARISE Chile worked on a mapping exercise to identify its members' capacities and the opportunities available to the network to foster public-private collaboration, at the national roundtable for private sector engagement led by the network, in which ONEMI and the Global Compact are members. Likewise, the mapping exercise

served to identify potential network members, such as businesses and insurance associations that could contribute to the implementation of the KPIs of the network. The network has also been working on restructuring its governance structure in order to benefit from the engagement of ARISEs Chile partners, ONEMI and the Global Compact at the national roundtable for public-private collaboration in DRR.

A focus group was organised with the representatives of associations from the tourism sector, gastronomy and SMEs to gather and share experiences in DRM. Although the session focused on risk and hazard management of enterprises in any field, the COVID-19 context was

considered in order to identify actions and measures implemented, difficulties and needs. The results of the session made it possible to draft a toolkit for the private sector, with a focus on SMEs and risk transfer and insurance.

12 ARISE Colombia

Company / Organization: 

National Association of Entrepreneurs of Colombia (ANDI)

On May 28, within the framework of its partnership with the National Disaster Management Agency (UNGRD), ARISE Colombia, conducted a workshop to guide companies to use the ARISE Self-Assessment Tool for the Corporate Disaster Management Plan (PGRD-E). The tool includes guidelines for companies on how to develop an enterprise DRM plan and on how to comply with national regulations on DRR. At the workshop, the experiences from two companies (Esenttia and Uniphos Colombia Plant Limited) who used the tool and developed a PGRD-E plan were presented. 68 people from companies representing different sectors were also trained at this workshop.

On June 8, the event “*Strengthening disaster resilience for SMEs*” was held, launching the pilot project on business models transformation (ARISE-TRANSFORM project) in partnership with ARISE Mexico and the University of Waterloo. Through the project 20 companies have used the TRANSFORM ARISE methodology to assess their business models and value chains and identify gaps and solutions to promote resilience and sustainability practices. On September 15, ARISE Colombia conducted a workshop on the use of the ARISE Self-Assessment Tool for PGRD-E for companies within the coffee production industry in the country. At the event ARISE Colombia focal point - Angela Gomez - presented the network’s strategy to different stakeholders and Jorge Gomez from UNGRD presented the general guidelines of the Decree 2157 (2017) on DRM Plans in public and private entities. The event was carried out through different digital platforms and had a total of 580 views on social networks, as well as 3994 total impressions.

13 ARISE Costa Rica

Company / Organization: 

Alianza Empresarial para el Desarrollo (AED)

AED, as the national focal point for the ARISE in Costa Rica, supports the dissemination and management of issues related to business resilience and business continuity throughout the year. During the update of the National Risk Management Plan 2021-2025, AED assumed the responsibility of creating a coordination body (technical advisory committee or sectoral committee) for public-private partnerships for business continuity in disasters. The work will be carried out in 2022 under

the guidelines of the National Commission for Risk Prevention and Emergency Response (CNE). The network also supported the [National Virtual Evacuation Drill](#), held on 11 August 2021, by advertising the event through social networks and encouraging companies and households to register and report the results of their actions. A proposal on private sector engagement and adaptation to climate change and resilience was submitted to the GIZ Green Recovery fund together with the INTEGRARSE organizations. It has been approved and will be implemented in 2022 and 2023.

14 ARISE Dominica

Company / Organization: 

Dominica Association of Industry & Commerce (DAIC)

The highlights of 2021 include: supporting CARICHAM in developing and executing the Business Resilience Toolkit (mentioned previously); a project on Building the Resilience of the Caribbean Private Sector (which included two workshops on Climate Change Awareness and DRR attended by 12 companies) and the CAMS Project together with the ARISE USA, CREAD and the Government of Dominica.

In addition to this, the network facilitated awareness building about climate change and its impact on businesses through the local media; hosted a tabletop exercise on scenario planning to enhance their knowledge of businesses on how to respond in event of a crisis; shared several media statements through local media houses, encouraging businesses to improve their actions to mitigate their risks; hosted a series of business resilience webinars focused on insurance, infrastructure and public-private partnerships in building resilience; conducted trainings

on risk management with young entrepreneurs in collaboration with the Dominica Youth Business Trust and executed a project together with the Chambers of Commerce in St. Lucia and Martinique to build the resilience of the Caribbean private sector. The impact of the network's activities include: enhanced knowledge by over 200 businesses in mitigating their disaster risk; the

completion of BCPs (12 companies were assisted with local DRR experts); improved access to finance; enhanced knowledge in digital transformation which leads to increased operational efficiency; access to best practices in mitigating the severe impact of the pandemic; increased collaboration with the public sector in better supporting the private sector amidst the pandemic

15 ARISE Dominican Republic

Company / Organization: 

Red Nacional de Apoyo Empresarial a la protección Ambiental (ECO RED)

In 2021 ECO RED was part of the coordinating team of the regional ARISE Forum held in October. The network also launched a social media promotional campaign on DRM throughout the year. Likewise, following up the ARISE priorities, the network conducted several sessions to present the ARISE initiative to companies from key strategic sectors, especially those working on critical infrastructure. As a result, two new companies from the

energy sector in the country have officially become members of ARISE (Energas and CEPM). The network liaised with the focal point within the Ministry of Economy, Planning and Development (MEPyD) which currently has risk management as a cross-cutting theme in government planning. The coordination of an event on risk management and development planning and training for key stakeholders is currently being coordinated in which public-private partnerships will be assessed. ARISE ECO RED is currently engaged in UNDRRs new study on the policy framework for resilient infrastructure.

16 ARISE El Salvador

Company / Organization: 

Fundación Empresarial Para la Acción Social (FUNDEMAS)

In 2021, FUNDEMAS promoted the working group 'Business Resilience and BCP' amongst its partner companies, with the aim of sharing basic knowledge about risk management and the development of business plans for DRR which is a key aspect to promote business resilience. A roundtable consisting of three sessions was attended by 10 participants from seven partner companies and institutions. During the national Sustainability and CSR week, FUNDEMAS hosted workshops on climate change awareness and adaptation in addition to promoting business resilience amongst its members. With

support of the network, one of its members is currently developing its risk management plan following the UNDRR methodology aligned with the Sendai Framework and its priorities. A notable development has been the creation of the national initiative called *Unidos Somos*, led by ARISE El Salvador which aims to mobilise the government, business and civil society organizations in the country to prevent and better prepare for disasters and strengthen risk management through public-private collaboration. Another activity promoting DRR has been linking FUNDEMAS partner companies to the Biodiversity and Business programme of GIZ, which integrates the component of risk management and business resilience.

17 ARISE Haiti

Company / Organization: 

Alliance pour la Gestion des Risques et la Continuité des Activités (AGERCA)

In 2021, the number of members increased and a greater number of activities were undertaken. These consisted of 19 workshop / training sessions on various topics in vulnerable areas around the country; three simulation exercises and eight training sessions on Early Warning Systems. It was noticed that there was a greater involvement of Haitian private sector companies during the year. The network aims to double the number of interventions over

the next years in order to increase the number of resilient businesses within the Haitian community. During the response period following the earthquake of August 14, ARISE Haiti carried out a massive communication campaign on the importance of buying local in order to guarantee the economic recovery of the affected communities. This message was conveyed, even at the level of the Haitian diaspora, and the result was to reduce the reception of donations made and available on the Haitian market.

18 ARISE Honduras

Company / Organization: 

FUNDAHRSE

In 2021, ARISE Honduras organised and participated in events throughout the year. A notable impact from the work of the network has been the prioritization of the issue of DRR in the Corporate Social Responsibility and sustainability agenda of companies. In addition to this 1870 people were trained, of whom 679 were men and 1186 women, on DRM and understanding risk.

In April a webinar “*Introducción a la Prevención de Gestión de Riesgos para Empresas y su Cadena de Proveedores*” (Introduction to Risk Management Prevention for Businesses and their Supply Chain) was attended by 105 people (69 women and 36 men). In May, ARISE Honduras engaged in *La Semana de la RSE y Sostenibilidad* (Corporate Social Responsibility and Sustainability Week) (17-21 May 2021) with the central theme of *Evolucionando a Sociedades Sostenibles* (Evolving to Sustainable Societies). The theme of the session on May 20 was *Risk Management for Business Continuity*, where the importance of risk management and prevention with resilient infrastructure for business continuity was reiterated. The CEO of Progreso participated in a session “*La Cultura de Gestión de Riesgos y el Compromiso con la Sostenibilidad*” (Risk Management Culture and Commitment to Sustainability). He pointed out the importance of adopting business models that help the companies to comply with national regulations to prevent risks and be

better prepared for disasters. Also in May, ARISE Honduras lead - Fundahrse - in collaboration with UNDRR, organised their annual private sector symposium for sustainable development. The event highlighted the role of the private sector in achieving sustainability while also supporting the country's current recovery plan after the impact of hurricanes Eta and Iota in 2020. The symposium included special sessions dedicated to DRR and ARISE. For example, one of the sessions included a high-level panel which discussed the role of the private sector and resilient infrastructure as key elements for the Honduras' national recovery plan followed by a dialogue with companies from the food, logistics, and insurance sectors focusing on how the private sector can ensure risk reduction. In June, a webinar was held on the importance of private sector preparedness for meteorological phenomena with the support of CEPREDENAC in preparation for the 2021 cyclonic season, which predicted 17 storms. In July a virtual course on Business Plans in Risk Management (1-22 July) was held which aimed to introduce the basic aspects for the development of business plans in DRM.

A notable development was the approval of the Green Recovery Project, mentioned earlier, that aims to strengthen the value chain of companies in the region. This covers the INTEGRARSE region and will impact 24 companies (Four companies per country).

19 ARISE Mexico

Company / Organization: 

CEMEX

In 2021 ARISE Mexico almost doubled its members from 53 members in 2020 to [82 members](#) and the [ARISE Mexico Forum](#) grew to become regional. The ARISE Americas and the Caribbean Forum was held as a one day online event, where 11 of the 23 networks promoted private sector participation in DRR, sharing knowledge, advances and good regional practices. There were almost 500 participants in the main sessions and 840 in attendance during the satellite events. More specifically, ARISE Mexico supported the communication toolkit and in the agenda development together with the UNDRR team, which was then validated by the networks. A notable achievement was the ARISE Baseline study that was led by CEMEX Mexico.

There was also a rise in [awareness](#) through training - 31 webinars, 2 enterprise resilience workshops and 1 resilient SMEs workshop - which made the network's achievements visible across all the four ARISE priorities. ARISE Mexico participated in 11 external events to position ARISE as the initiative for the private sector to collaborate in DRR, including COP26, Innovation for cities, and the RP in Jamaica, amongst others. There was also active collaboration with at least four ARISE Networks which included the TRANSFORM project with ARISE Colombia and the

University of Waterloo. Monthly meetings with ARISE USA were held to share advances and look for opportunities to collaborate. ARISE Mexico also helped Uruguay in their preparation to launch as a network, and participated in ARISE Costa Rica's Forum *Evolución SOSTenible*.

Currently ARISE Mexico is moving words into actions, and four active projects were conceived in 2021. These include: a program for Disaster Resilient SMEs (ARISE Priority areas: SME, Insurance) and 10 DRR essentials for companies training and commercial incentives, with the support of the UPS Foundation. In collaboration with CENACED (NGO), CENAPRED (Federal Government), LA RED (Academia) and private sector companies, the CBI México + CENACED partnership aims to develop a common DRM digital platform for the private sector, in partnership with UNDP and OCHA. The goal of ARISE Mexico is to move from working groups to communities of practice. CBI granted ARISE Mexico US\$ 5K (MXN\$ 100K) to hire a project manager to help to plan and implement the strategy with the working group leaders. In collaboration with: UNDP, OCHA, CENACED, CBI-México and Private Sector Companies; [Escuinapa, Sinaloa](#) (ARISE Priority areas: Insurance, Risk Informed Investment and Resilient Infrastructure), described in the Insurance section of the main report, is being implemented. Lastly, the [PREPARE Mexico](#)

[program \(2020 – 2022\)](#) (ARISE Priority areas: Resilient Infrastructure) is part of the Bureau of Humanitarian Assistance (BHA) of USAID, through which Miyamoto International provides technical assistance and promotes the exchange of knowledge to strengthen DRR in Latin America and the Caribbean, with focus on seismological risk.

In 2021 there was also a noticeable improvement in the collaboration among local and regional governments, NGOs and private sector institutions and networks, and UN Offices in Mexico. In terms of network trust, day by day more

institutions recognise ARISE Mexico as a DRR ally and a collaborative entity for DRR initiatives. ARISE Mexico has evolved and reinforced its actions from communication and awareness to technical documents/protocols/guidelines/best practices, and more recently to field projects.

Internally there was a [Board](#) election and a new ARISE Mexico focal point/Chair for the period 2021-2023: [Benjamin Laniado](#), of CADENA was elected. CENACED is now the designated entity to administrate and transparent the use of ARISE Mexico resources.

20 ARISE Panama *New Network*

Company / Organization: 

Sumarse

This network was launched in April and therefore the impact of the network's efforts will be seen in 2022. In August Global Compact Panama launched the [CSR 101 programme](#) within which a session on the importance of

talking about DRR was held. During the "[Climate Change and Gender Equality programme](#)", companies were trained to carry out environmental risk management with a cross-cutting gender approach. Ten companies participated in the programme and eight presented their action plans.

21 ARISE USA

Company / Organization: 

- Peter Williams Solutions LLC
- Debbra A.K. Johnson LLC
- SPIN Global LLC
- Climate Resilience

In 2021 a new Board was installed and there was a 30 percent increase in members plus affiliates e.g. ACRE and FEMA, with a growing interest in diversity, equity and inclusion. Work on many areas only started in 2021 so more results will be available in the 2022 annual report. Two initiatives were initiated (1) [The Wildfire symposium](#) led to two projects that are now ongoing and will deliver results in Q4, 2022. This includes a) assembling a package of resources and materials for communities to

- Arizona State University
- Z Zurich Foundation
- Hytropy Disaster Management –Green Diamond and ACRE

address wildfire resilience; and b) to try to stimulate provision of parametric insurance products for wildfire (2) [The Critical Asset Management System \(CAMS\)](#) Project Infrastructure cost modeling was also initiated with work scheduled to begin in 2022. The Infrastructure Resilience Cost Model (DREAM) serves two ARISE priorities - Investors and Infrastructure and is an extension by AECOM of its existing infrastructure cost model for new cities.

OTHER ARISE NETWORKS

ARISE Barbados

Barbados Chamber of Commerce and Industry

ARISE British Virgin Islands (BVI)

BVI Chamber of Commerce and Industry

Central American Integration Network for Corporate Social Responsibility (INTEGRARSE)

Integración Centroamericana por la Responsabilidad Social Empresarial

ARISE Grenada

Grenada Chamber of Industry & Commerce

ARISE Guatemala

CentrARISE

ARISE Nicaragua

UniRSE

ARISE St Lucia

St. Lucia Chamber of Commerce

ARISE Trinidad and Tobago

American Chamber of Commerce in T&T (AMCHAM T&T)

Key ARISE events of 2021

Global

30 April

Launch of ICMIF-UNDRR study “From Protection to Prevention: the role of cooperative and mutual insurance in disaster risk reduction” (webinar)

14 July

CDRI webinar on “Disaster Risk Finance ‘Disaster Risk Finance for Public Infrastructure Assets in the Developing World: Opportunities and Challenges”

October

Launch of UNDRR study “Opportunities for delivering risk-informed investment: Addressing the barriers”

November

Launch of UNDRR study “Focus on Prevention: Increasing SME uptake of Disaster Risk Reduction: Recommendations for Policymakers, Financiers and the Broader Business”

11 November

Webinar - [Supporting Disaster Risk Reduction and Resilience Practices in Small and Medium Sized Enterprises](#)

Internal Global ARISE Meetings

2 March

Extraordinary Board Meeting

14 April

Network Leaders Meeting

7 October

Annual General Meeting

26 October

Board Meeting (2 sessions)

16 November

Network Leaders Meeting (2 sessions)

Regional

Africa

30 June

Workshop on climate resilient infrastructure investment

13 October

UNDRR-CBi webinar on “[Strengthening the role of the African Private Sector in Disaster Risk Management](#)”

16-19 November

Seventh High-Level Meeting on Disaster Risk Reduction

16 November

[Stakeholders’ Consultations Private Sector - Organized by ARISE Africa](#)

Arab States

24 March

Exploratory roundtable discussion with ARISE UAE Board and real estate authorities on “Infrastructure Resilience in the Real Estate Sector”

29 to 31 March

[Arab Forum for Sustainable Development 2021](#), with a special session for the private sector on “Catalyzing private sector engagement in the Decade of Action.”

April to June 2021

Four virtual sessions of the ARISE UAE COVID-19 Rehabilitation Program (focused on digestive disorders, fatigue, respiratory disorders and musculoskeletal disorders)

13 October

[High-Level Dialogue on “International Cooperation to Scaleup Financing for DRR: Build Back Better](#)

25 October

Launch of the ARISE Egypt Network

8 to 11 November

Fifth Arab Regional Platform for DRR, with two presentations from ARISE members:

- A regional Voluntary Action Commitment for the Private Sector in DRR in the Plenary Stakeholder Session.
- Work on infrastructure by the International Real Estate Federation in the session “Building a Better Future: Financing Disaster Risk Reduction for Climate Adaptation and Resilience”.

Americas & Caribbean

20 May

ARISE Honduras' Private Sector Symposium for Sustainable Development

23 June

Launch of the ARISE Argentina Network

15 September

ARISE Costa Rica Conference in Sustainable Development

Asia and the Pacific

2 March

ARISE Japan's Annual Symposium focused on "Creating disaster resilient communities by 'going local' in DRR"

13 October

Joint ARISE Philippines, SM Supermalls and Embassy of the Republic of Korea in the Philippines webinar on "Working Together beyond Borders".

5 and 15 November

Insurance for Resilience Webinar Series 1, organized by ARISE Philippines and PIRA, Inc.

Europe

24-26 November

[The European Forum for DRR](#)

11 October

ARISE Dominican Republic participation at the XXVII Congress of Insurers of Central America, Panama and the Caribbean

28 October

ARISE Forum for the Americas and the Caribbean

1-4 November

VII Regional Platform for DRR in the Americas and the Caribbean

6 December

2021 Top Leaders Forum organized by ARISE Philippines

8 - 9 December

Asia and Pacific Partnership for DRR Special Session (APP-DRR), with the launch of the Asia-Pacific Action Plan 2021-2024 for the implementation of the Sendai Framework

13 December

ARISE Japan and Philippines [Knowledge Sharing Session](#)

26 November

[SMEs and private sector networks](#)

Private Sector and Financing Disaster Resilience



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