Contents

• Introduction and Highlights
• 2023 Initiatives and Progress
• 2024 Forward Look
• Appendix – More on ARISE
Introduction - ARISE-US Annual Report for 2023

• ARISE-US is the US Network of ARISE, established by the UN DRR to build public private collaboration globally in disaster risk reduction (DRR).

• These slides summarize ARISE-US’ activities in 2023 and provide a forward look for 2024.

• They detail our many successes in 2023, and also, in a spirit of honesty, some “less-than-successes”, at least so far – they may yet become successes in 2024.

  • We operate a portfolio approach, launching multiple initiatives expecting that many will succeed, some will run slower than intended but succeed eventually, and some will fail. Provided that the portfolio as a whole is moving forward, that is acceptable.

• Not shown here, because there are just too many to list, are the introductions and collaborations we have fostered between ARISE-US members, and between our organization and other organizations in the public and private sectors, in areas as diverse as flood management, wildfire risk reduction, carbon accounting protocols, resilience standards and Reverse Trade Missions. We regard these convergences as a critical benefit of the ARISE-US network.
2023 Highlights – Another Great Year!

• *Hosted* three successful symposia (Equity Finance, Sustainability & Resilience and Digital Technology)

• *Attracted* 34% membership growth year-on-year (see later slide)
  • *Formed* 4 new partnerships

• *Created* Equity Working Group and equity statement, and *sponsored* Bill Anderson Fund’s 5K Disaster Dash

• *Graduated* first cohort of DRR mentees

• *Launched or continued* multiple initiatives (see later slides)

• *Supported* US DOT Reverse Trade Mission

• *Initiated* numerous member-to-member collaborations within our network

• *Held* Board elections

• Camila Tapias of SpinGlobal and ARISE-US *elected* to ARISE global Board.

• *Prepared* for fund-raising and legal entity formation in 2024

• *Launched* our [LinkedIn page](#), now with >100 followers.

• *Continued* to develop our [ARISE-US website](#)
ARISE-US Board

Joyce Coffee, President, Climate Resilience Consulting LLC
Co-Chair

Todd Fein, CEO, Green Diamond LLC
Government

Brian Gerber, Associate Professor; Co-Director, Center for Emergency Management and Homeland Security, ASU
Universities

Patrick Hardy, President, Hyropy Inc
SMEs

Cynthia Hartley, Associate Vice-President, International Risk Reduction and Urban Resilience, AECOM Inc
ETTAC Lead, At Large

Shefali Lakhina, Co-founder, Wonder Labs LLC
Equity Co-Lead, Mentorship Lead

Camila Tapias, Global DRR Specialist, SPINGlobal Inc
ARISE Global Board member
Equity Co-Lead, Communications

Peter Williams, Founder and Principal, PWS LLC; IBM Distinguished Engineer Retd
Chair

(Note – we have one open Board seat)
ARISE-US 2023 Initiatives

• City Scorecard Action Guide and Standards Compendium (companion project)
• Small-Medium Enterprise (SME) Scorecard and Hub
• Equity Working Group
• Mentoring Program
• Community Wildfire Risk Reduction Toolkit
• Critical Asset Management System (CAMS)
• Finance Equity
• Tech4DRR
• Sustainability and Resilience
• Apex-Net
• Network Growth
City Scorecard Action Guide and Standards Compendium

<table>
<thead>
<tr>
<th>Purpose</th>
<th>To help City scorecard users decide how to move forward, having assessed their current disaster resilience position using the Scorecard, filling a gap reported by Scorecard users.</th>
</tr>
</thead>
</table>
| Progress | • Prioritization methodology chapter published by MCR 2030 and one global webinar completed.  
• Financing chapter draft delivered to MCR 2030;  
• Community engagement chapter delivered to MCR 2030  
• Summary of fact-finding survey delivered to MCR 2030  
• Standards Compendium extended and updated. |
| For 2024 | • Complete publication process and re-factor into more interactive formats.  
• Create standards database with guidance on standards selection.  
• As funding permits, establish fact-finding survey as a separate semi-annual exercise. |
| Collaborators | AdaptationLedger LLC, Arizona State University, ASTM International, Atkins PLC, Baylor University, Chibby Alloway, CrowdDoing, Debbra A.K. Johnson LLC, Green Diamond LLC, Jacobs Inc, MCR 2030, PWS LLC, SLR Consulting Inc, Wonder Labs LLC. |
## Small Medium Enterprise Scorecard and Hub

### Purpose

The **SME Scorecard** allows cities to assess how effectively they have engaged small and medium enterprises in DRR efforts. SMEs are critical to the economic vitality of a city and are vulnerable to going out of business after a disaster.

### Progress

- Scorecard used in 30 US cities and 90 outside the US
- Translated into 6 languages
- Design work on worldwide SME Hub

### For 2024

- Partnering with at least one major grant giving organization and one major aid organization to deliver and roll out SME hub.
- Continue to expand usage of the SME Scorecard and tools.

### Collaborators

Hytropy Inc. Others to be announced.
ARISE-US Equity Working Group

**Purpose**
Guided by the Sendai Framework for Disaster Risk Reduction (2015-2030), the ARISE-US network created an Equity Working Group to explore how the private sector can work to reduce systemic barriers to disaster resilience and increase opportunities for a sustainable, equitable, and resilient future for all.

**Progress**
- *Created* an ARISE-US Equity Statement to emphasize the equity principles and practices to be adopted by the network
- *Sponsored* the Bill Anderson Fund’s 5K Disaster Dash, generated interest and attracted new members at the 47th Natural Hazards Annual Workshop in Broomfield, Colorado
- *Launched* the ARISE-US Mentorship Program and graduated a first cohort of DRR mentees

**For 2024**
- Develop an Equity in Practice Toolkit for private sector engagement.
- Look for funding to develop and publish the toolkit.

**Collaborators**
Wonder Labs LLC, Climate Resilience Consulting, SPIN Global, PanelTech US
ARISE-US Mentorship Program

**Purpose**
To provide training and leadership opportunities to students, early career, transitioning, and emerging disaster resilience professionals. Mentees are advised by private sector mentors on capstone projects and gain hands-on experience by contributing to ongoing ARISE-US initiatives.

**Progress**
- Successfully graduated a first cohort of five mentees from a 15-week pilot program in Fall 2023.
- Mentees presented their capstone projects to the network, were invited to submit blogs on key outcomes of engagement, guided to apply to international fellowship (CDRI), and explore future opportunities with the ARISE-US network.

**For 2024**
- Continue to offer program and expand reach through the Bill Anderson Fund, among others.
- Look for funding to hire a part-time coordinator.

**Collaborators**
Wonder Labs LLC, Arizona State University, PaneltechUS, Climate Resilience Consulting, SPIN Global, Bill Anderson Fund, CU Boulder.
Community Wildfire Risk Reduction Toolkit

<table>
<thead>
<tr>
<th>Purpose</th>
<th>To pull together multiple sources of data and advice to create a single point of access for communities seeking to understand, mitigate and manage their wildfire risk at the individual property, neighborhood and landscape scales.</th>
</tr>
</thead>
</table>
| Progress | • Wildfire-specific version of the City Scorecard completed.  
• Summary version nearing completion.  
• Structure and website created for Toolkit as a whole.  
• (Several Action Guide chapters will also be readily adapted to form part of the toolkit). |
| For 2024 | • Launch website  
• Adapt Action Guide material for wildfire specificity.  
• Continue to build out Toolkit  
• Test with communities. |
| Collaborators | Atkins PLC, Black Swan LLC, Boise State University, Cadmus Group Inc, CALFIRE, Climformatics LLC, Crowddoing, GIC, FM Global Inc, Guidewire Inc, Innsure, Los Angeles Emergency Prevention Foundation, PWS LLC, Rebecca Innes Consulting Ltd, Spinglobal LLC, UC Santa Barbara, Wildfire Mitigation Strategies LLC, Willis Towers Watson Inc, Wonder Labs LLC. |
## Critical Asset Management System (CAMS)

### Purpose

**CAMS** is a secure, free, open-source software tool will enable cities (and countries) to inventory their critical assets and map the relationships between them – so helping to manage the risk of cascading failures. It is available as a cloud or stand-alone version.

### Progress

- Progress delayed by our major collaborator going out of business.

### For 2024

- Explore with Coalition for Disaster Resilient Infrastructure (CDRI) scope to incorporate CAMS into its DRI Connect Platform for CDRI member countries.
- Create delivery method for non CDRI member countries.
- Integrate CAMS with Wildfire Toolkit (see earlier).

### Collaborators

- BGC Engineering Inc, Cadmus Group Inc, CDRI, CREAD Dominica, DAIC, Datasequia LLC, Debbra AK Johnson LLC, Green Diamond LLC, Lesley Greig, PWS LLC, Tony Carrato, Verses.io.
# Finance Equity

## Purpose

In the US, as is true in many places in the world, disaster readiness and recovery reflect and exacerbate inequality. Poverty is both a driver and a consequence of disasters, and the processes that further disaster risk-related poverty are permeated with inequality. ARISE US aims to contribute to a better understanding of the role of the finance sector in reducing poverty through disaster resilience finance in order to build resilience for all rather than avoid risk for some.

## Progress

- Established partnership with global adaptation finance community. Engaged ARISE leaders from headquarters, Philippines, as well as from EU and Caribbean. Held panel to deduce issues.

## For 2024

- Continue to integrate equity as a bedrock of ARISE-US efforts

## Collaborators

Global Adaptation and Resilience Investment work group, Climate Resilience Consulting
Tech4DRR

**Purpose**
To research and set out guidance for maximizing the strengths of digital technology in enabling extraordinary new DRR capabilities, while minimizing potential weaknesses from poor design, accumulating risk, fragility, inequity of access, and imposition of solutions.

**Progress**
- ARISE-US Digital Technology and DRR symposium successfully held - initiated Tech4DRR program.
- Partnered with UN DRR Regional Science and Technology Advisory Group.
- Tech4DRR launch event at Belmont University (US) and in Bogota Colombia.

**For 2024**
- Complete survey of digital technology and DRR.
- Complete interview program.
- Draft initial report and publish.
- Refactor into further distribution media.

**Collaborators**
3-Sided Cube, Arizona State University, Belmont University, Dancing Waters, Debbra A.K. Johnson LLC, Faura, Jacobs Engineering, NASA, UN DRR/R-STAG, PanelTech, PWS LLC, SpinGlobal, Texas A&M, The Undivided Project, Tuskegee University, Wonderlabs
## Sustainability and Resilience

<table>
<thead>
<tr>
<th>Purpose</th>
<th>To fill gaps at the policy level in addressing the complex relationship between sustainability and resilience, and to fashion guidance for companies on how to navigate this area.</th>
</tr>
</thead>
</table>
| Progress | • Initial symposium on Sustainability and Resilience  
• Creation of survey of companies on the current state of the art. |
| For 2024 | • Consider pointers from COP28.  
• Execute survey and ingest findings from this.  
• Create policy proposals.  
• Create draft company guidance and issue. |
| Collaborators | Adaptation Leader LLC, Atkins, Hamilton Advisors, Debbra AK Johnson LLC, Fugro, Global Urban Development, Green Diamond, Jacobs Engineering, Joseph Fiksel, Jason Schmerer, Resilience Analytics, PanelTech, PWS LLC, The Undivided Project, |
### APEX-NET

<table>
<thead>
<tr>
<th><strong>Purpose</strong></th>
<th>To develop a guidebook for the development of a multinational information-sharing capability across the military, public, private, and academic sectors, including for disaster risk reduction and emergency response.</th>
</tr>
</thead>
</table>
| **Progress** | ARISE-US has provided:  
• Inputs at the public, private, and academic levels for the first phases of the project including a capabilities assessment;  
• Initial user stories leading to user definitions and requirements. |
| **For 2024** | • This is year two of the project. Inputs for the final phases include Policy Considerations, Proof of Concept, User Stories, Content Development, and an internal Peer Review.  
• Final deliverables are due December 2024. |
| **Collaborators** | Arizona State University, Debbra A.K. Johnson, LLC, Green Diamond Solutions, Everbridge, Hamilton Advisors, Jacobs Engineering, New York Academy of Science, PanelTech, Peter Williams Solutions, LLC, Spin Global, UC San Diego. |
Network Growth

• We are on track to close 2023 with 67 member organizations, up from 53 at the close 2022, with 4 more in the pipeline.
  • In total, this represents year-on-year growth of 34%.
• In addition to partnerships already in place, we have started partnering with:
  • The Universities of California Disaster Resilience Network (UC DRN);
  • Boise State University;
  • Coalition for Disaster Resilient Infrastructure (CDRI);
  • Environmental Technologies Trade Advisory Committee (ETTAC).

• In 2023, we welcomed as members:
  • 3 Sided Cube Inc
  • Belmont University
  • Christopher J Anthony Consulting LLC
  • Everbridge Inc
  • Faura Inc
  • Integral Consulting LLC
  • JW Mogge Consulting, LLC
  • LEED With Joy LLC
  • Patriot Energy Systems
  • Re+Collective Inc
  • The Cadmus Group LLC
  • The Undivide Project
  • Zimcode

• Welcome! We look forward to working with you!
Looking Ahead - 2024

Continuations in 2024
• Wildfire toolkit program
• Mentorship program
• Action Guide program
  • Also standards compendium.
• SMEs program – SME Hub project
• Tech4DRR
• Sustainability and Resilience
• APEX-Net
• CAMS
• ARISE-US internal collaboration platform - development
• ARISE-US website
• Network growth

New Developments for 2024
• Fundraising and legal entity formation
• Global survey of readiness and governance
• Coastal resilience scorecard (with Waterfront Alliance)
• Geodesign program
• Equity toolkit
• ETTAC collaboration
• Resilient design collaboration
2024 – Funding and Legal Entity

• In 2024 we plan to enter into a fiscal sponsorship arrangement with a professional NGO management organization. This will give us the same tax advantages to offer donors as a 501(c)(3) non profit.

• We have commenced seeking funding in 2024 for:
  • Further mentorships and an Equity toolkit;
  • SME Hub;
  • Further developments to the Wildfire toolkit;
  • Biennial global survey of DRR governance and readiness;
  • A professional administration for ARISE-US.

• We will approach grant giving organizations (foundations, NGOs, corporations) in the first instance.

• We may also initiate crowdfunding and in-kind donation schemes. (We are not allowed under the terms of our charter from the UN, to charge for membership).
Appendix: More on ARISE
More on ARISE

• UNDRR-led network of private sector entities which currently comprises:
  ✔ 30 national networks.
  ✔ Over 400 member companies.
  ✔ Nearly 850 members in the shared community cloud
  ✔ Members from private and public sectors.

• Members voluntarily commit to support and implement the Sendai Framework Disaster Risk Reduction 2015 – 2030, aligned with the 2030 Agenda for Sustainable Development and its Sustainable Development Goals (SDGs), Paris Climate Agreement, New Urban Agenda and Agenda for Humanity.

• The Four Priorities of the Sendai Framework:
  1. Understanding disaster risk.
  2. Strengthening disaster risk governance to manage disaster risk.
  3. Investing in disaster risk reduction for resilience.
  4. Enhancing disaster preparedness for effective response and to “Build Back Better” in recovery, rehabilitation and reconstruction.
• Our modus operandi is “doing well by doing good”.

• We create projects, pro bono, that make a meaningful contribution to disaster risk reduction in some way.
  
  • For example, our City Disaster Risk Reduction Scorecard has now been used by well over 400 cities globally.

• Our impact helps to expand our network of members, which in turn increases the number of projects we can consider.

• Our members (and anyone else) are then at liberty to create for-profit derivative works from our pro bono activities.
  
  • In so doing, we help turn the “overhead” of disaster risk reduction into an economically positive activity.

• Membership of ARISE is free. All we ask is that you do something meaningful to justify your association with us! You can sign up here.
ARISE Value Proposition

The global recognition of the significant, lasting impact that climate change and disasters will have on economic growth, community wellbeing, and related financial and economic systems, is rapidly growing. For companies, big and small, to survive and even prosper in this environment, they need to adapt fast. The uncertainties and transformation brought about by climate change and disasters can be seen as significant risks but also as opportunities. By connecting a passionate community of business and other public and private partners, ARISE works as a catalyst for business innovation and for knowledge sharing to reduce risk for a sustainable and resilient future. Through its regional and national Networks and links into the global policy discussions on sustainability, climate action and disaster risk reduction, ARISE offers its members the opportunity to demonstrate leadership in cooperating with public partners to reshape business, society and financial frameworks to implement tailor-made solutions for all industries and sectors, leading to take risk-informed decisions, formulate adaptive strategies and implement preventative actions.
ARISE Membership Requirements

• ARISE is open to all private sector companies, other stakeholders and private sector networks independent from sector, company size or revenue, with the exception of companies that are:
  ✓ Subject to a UN sanction.
  ✓ Listed on the UN Ineligible Vendors List for ethical reasons.
  ✓ Listed in the Database A/HRC/43/71* of business enterprises involved in the activities
  ✓ Derive revenue from controversial weapons, including the production, sale and/or transfer of antipersonnel landmines or cluster bombs.
  ✓ Derive revenue from the production and/or manufacturing of tobacco.

• Follow good governance rules, notably maintaining integrity and independence of each partner, commitment to partnership obligations, transparency, accountability and sound financial management.

• ARISE Networks must adhere to the 10 Principles of the UN Global Compact.
ARISE applicants are required to submit 3 documents:

1. A completed Application Form.
2. Valid Proof of Legal Registration.
4. https://www.ariseglobalnetwork.org/join