

INSARAG AEME Regional Meeting

18 – 19 October 2023

Doha, Qatar





Meeting Agenda

Scan the QR Code or go to the event page on the Virtual OSOCC:



18 October - AEME Regional Meeting Day 1

Time	Session
1400-1430	<p>1. Opening ceremony</p> <p>Speakers:</p> <ul style="list-style-type: none"> Colonel Staff Mubarak Sherida Al Kaabi, INSARAG AEME Regional Chair 2023 and Commander, Qatar International Search and Rescue Group Ambassador Dominik Stillhart, INSARAG Incoming Global Chair, Deputy Director General, Swiss Agency for Development and Cooperation (SDC) Sebastian Rhodes Stampa, INSARAG Secretary and Chief, Emergency Response Section OCHA. <p>Moderated by: Stefania Trassari, INSARAG Regional Focal Point for Europe and CIS.</p>
1430-1500	<p>2. Regional workplan and global updates 2023</p> <p>Speakers:</p> <ul style="list-style-type: none"> Colonel Staff Mubarak Sherida Al Kaabi, INSARAG AEME Regional Chair 2023 and Commander, Qatar International Search and Rescue Group Lucien Jaggi, INSARAG Regional Focal Point for Middle East and North Africa.
1500-1530	<p>3. Presentation of regional priorities and workplan 2024</p> <p>Speakers:</p> <ul style="list-style-type: none"> Daniel Gheorghita, Head of Analysis and Strategic Development Office for Civil Protection, Romania, representing INSARAG AEME Incoming Regional Chair Stefania Trassari, INSARAG Regional Focal Point for Europe and CIS <p>Followed by announcements by Member States on event proposals for 2024.</p>
1530-1600	Coffee/Tea Break
1600-1700	<p>4. Updates on new strategic directions:</p> <ol style="list-style-type: none"> Future of INSARAG INSARAG Governance review INSARAG-UNDAC USAR Pool AAR implementation plan <p>Speaker: Sebastian Rhodes Stampa, INSARAG Secretary and Chief, Emergency Response Section, OCHA</p> <p>Each topic followed by Q&A, moderated by Winston Chang, INSARAG Global Lead.</p>



Opening ceremony



Opening Statements



**Colonel Staff Mubarak Sherida
Al Kaabi**

INSARAG AEME Regional Chair 2023
and Commander, Qatar International
Search and Rescue Group

Represented by **Major Khaled
Abdulla Al Hemaïd**



Amb. Dominik Stillhart

INSARAG Incoming Global
Chair,
Deputy Director General,
Swiss Agency for
Development and
Cooperation (SDC).



**Sebastian
Rhodes Stampa**

INSARAG Secretary and
Chief, Emergency Response
Section, OCHA



Regional workplan and global updates 2023

Review of Regional Workplan 2023

Disaster responses:

Türkiye and Syria earthquakes – February 2023

Major response, the vast majority of INSARAG Teams deployed.

Morocco earthquake – September 2023

International assistance was not requested, several INSARAG Teams deployed bilaterally, applying the INSARAG coordination methodology.

Libya floods – September 2023

Several INSARAG Teams deployed with USAR and water/flood rescue capacities and coordinated according to the INSARAG methodology.



Review of Regional Workplan 2023

INSARAG External Classification & Reclassifications in 2023:

- **Czech Republic** – Heavy IER, 12-16 June
- **Russian Federation** – Medium IER, 3-9 September, Siberian Team.
- **Hungary** – Medium IER, 2-6 October, in Bulgaria at an EU MODEX (Austria, Greece, Hungary and Türkiye) [Video](#)

Upcoming:

- **Spain UME** - Medium IER November
- **Spain ERICAM** and **UK ISAR** - Medium and Heavy IER – joint exercise, 27-30 November in Switzerland

INSARAG Recognized National Accreditation Process:

- **France, FRA** ,10 5-8 June and FRA 11, 12-15 June



Czech Republic
Heavy IER

Hungary Medium IER





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CRITICAL LOCATIONS & CONTACTS		
BY "N"	NC "N"	CC "N"
POLICE	FIRE	AMBULANCE
114	112	113

- TL Meeting Agenda
- Updated site info
 - Operation
 - Assignments
 - ICMIS
 - LEMA CB request
 - Logistics

Russian Federation Medium IER



Russian Federation Medium IER

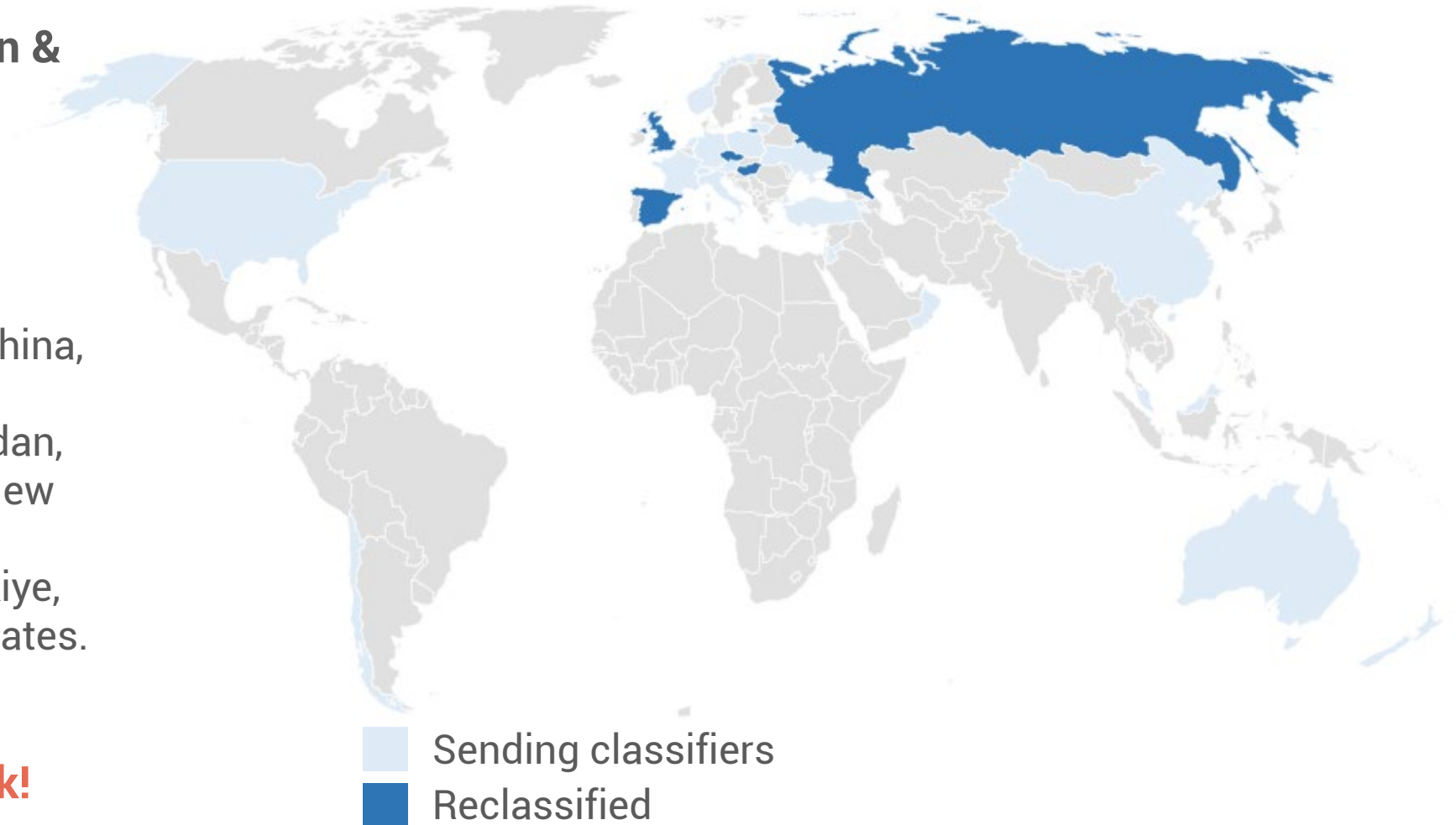
Review of Regional Workplan 2023

INSARAG External Classification & Reclassifications in 2023:

By the end of the year –
57 Classifiers from 27 countries:

Armenia, Australia, Austria, Chile, China, Czech Republic, Estonia, France, Germany, Hungary, Israel, Italy, Jordan, Lithuania, Malaysia, Netherlands, New Zealand, Norway, Oman, Poland, Singapore, Spain, Switzerland, Türkiye, Ukraine, United Kingdom, United States.

A huge thank you to the network!



Review of Regional Workplan 2023:

Capacity Building, Scoping Missions and Assessments:

- **Kenya USAR Scoping Mission**, 15-18 August 2023, led by UK ISAR in cooperation with the Kenya Defence Force Disaster Response Battalion.
- **Iran Assessment**, on USAR capacity and INSARAG methodology, December 2023 (to be confirmed) - Mentor TBC
- **Palestine USAR Assessment**, 2023, as part of the Palestinian Civil Defence INSARAG Classification project - Mentor Qatar
- Others bilateral support within the network...



Kenya USAR Scoping Mission

Review of Regional Workplan 2023

Trainings and exercise:

- ICMS Course in Qatar, 1-3 May
- UC Course in the Russian Federation, 22-26 May
- IEC/R Leadership Course – the Netherlands, 5-8 June 2023

Upcoming:

- UC Course in Türkiye, 30 October – 3 November
- RDC/UCC Course Switzerland, 20-24 November.

Review of Regional Workplan 2023:

Other events

- INSARAG New Year Teleconference, online
- INSARAG Steering Group Meeting, April, Geneva (HNPW)
- Presentation of INSARAG and UNDAC Response, April, Geneva (HNPW)
- INSARAG exhibition, April, Geneva (HNPW)
- INSARAG Secretariat Meeting with EU in Brussels, 10-12 July, to share lessons learnt in joint trainings in 2022, and kick-off the new cycle of trainings
- Türkiye Earthquake After Action Review



**INSARAG New Year
Teleconference 2023**

INSARAG Secretariat team



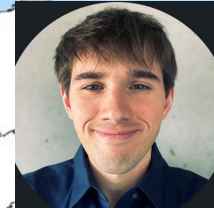
Winston Chang



Sebastian Rhodes Stampa



Stefania Trassari



Pietro Carra



Lucien Jaggi



Sara Fernandez



Ana-Maria Rebaza



Haruka Ezaki



Pornpilin Smithveja



Clement Kalonga



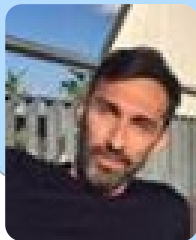
Janet Muthama



Cécile Thibaud



Natallia Hurko



Martin Perez



Johanna Medina

Contacts available on

<https://www.insarag.org/about/contacts>

Global Updates:

Global Leadership

Amb. Manuel Bessler is retiring. Switzerland has agreed to Amb. Dominik Stillhart in this position till the IGM 2026. Dominik will be the Incoming Global Chair until the official handover at the ISG in 2024.

Governance Review

Governance framework evaluation to strengthen the decision-making processes at the policy level. A new strategy till 2030.

Strategic directions for the Network

- INSARAG-UNDAC USAR Pool
- Future of INSARAG
- INSARAG Governance review

Dedicated presentation by the INSARAG Secretary

Global Updates:

ISG 2023 Outcomes:

1. Consultations are being launched with the regional groups and the Guidelines Review Group (GRG) to review decision-making processes. **Update: Consultations are ongoing.**
2. The National Accreditation Working Group (NAWG) transitions to a new working group called National Capacity Building Working Group calling for new members. Its Terms of Reference were agreed. **Update: NCBWG First Meeting in Qatar, 13 – 15 October 2023.**
3. The Secretariat welcomes the INSARAG network's support to learn from the Türkiye earthquake response leading to a global USAR lessons learnt meeting in Qatar in October, back-to-back with the Africa, Europe, and Middle East (AEME) Regional Meeting. **Update: the AAR just concluded, a book containing key lessons will be published by the end of the year.**

Global Updates:

ISG 2023 Outcomes:

4. The Guidelines Review Group 2023-25 will engage with the network and plan their first meeting back-to-back with the Asia-Pacific (AP) Earthquake Response Exercise (ERE) in August in Australia. **Update: GRG second meeting in Qatar, 13-15 October.**

5. The First Responders Program V2.0 is endorsed, and the network is encouraged to reference this to strengthen localization efforts in their countries and regions. **Update: now available on the INSARAG Website.**

6. The guide on “USAR in Heritage Sites” is endorsed for the Technical Reference Library. **Update: now available on the INSARAG Website.**

Global Updates:

ISG 2023 Outcomes

7. Both Flexible Response Sub Working Groups (One-Global Position) and Three-Cultural Heritage will close. The ISG thanks all working group members and the partnerships with the UN Educational, Scientific, and Cultural Organization (UNESCO) and the International Centre for the Study of the Preservation and Restoration of Cultural Property (ICCROM).

8. The Flood Response Working Group will be established. The INSARAG Secretariat will facilitate its organization. **Update: FRWG membership has been confirmed, with three Co-Chairs representing each region.**

9. The INSARAG Network will be consulted on a revised INSARAG External Reclassification (IER) system to tackle the exponential increase of IERs. **Update: consultations are ongoing.**



Presentation of regional priorities and workplan 2024



AEME Regional Meeting

Regional priorities for 2024

October 18th, 2023

AEME Regional Meeting - 2024

Bucharest

September-October

The exact date is To Be Determined (TBD) in consultation with the INSARAG Secretariat and the other regional Chairs to avoid overlapping.



Earthquake Response Exercise

Back to back to AEME Regional Meeting

INSARAG Strategic Plan 2021-2026 and After Action Analysis & Recommendations

01

Quality Standards

Recommendation: Training for RDC/UCC/SCC managers from classified USAR teams and form a roster pool.

02

Localization

Recommendation: Advocate for national capacity building at all levels through the NAP and IRNAP programs

03

Flexible Response

Strategic plan: Regional Groups to further discuss and explore the potential development of adaptable and flexible response operations in disaster relief activities.

04

Partnerships

Recommendation: More joint training between teams Modex (Europe) exercises.

From lessons identified to lessons learned

How to speed up the process?

01

Quality standards

1. Exploring the possibility to host a UCC Course in Romania – call for expressions of interest for co-organizers.
2. Proposal is to organize a blended course, online for theory and face to face for practical aspects.

02

Localization

1. Support the INSARAG Secretariat in maintaining an active pool of experts to support the INSARAG Recognized National Accreditation Processes.
2. Active participation in National Capacity Building Working Group – open invitation to host a working group meeting in Romania - *in consultation with the INSARAG Secretariat and co-chairs of NCBWG*

From lessons identified to lessons learned

How to speed up the process?

03

Flexible response – Facilitating the exchange of expertise and good practice with the new Flood Response Working Group

1. Since 2015, Romania has been leading a consortium that has organized about 20 module field exercises related to flood rescue, involving Flood Rescue Using Boats, High Capacity Pumping, Water Purification, and Flood Containment capacities. UN – OCHA involvement in several exercises.
2. Active participation in Flood Response Working Group – open invitation to host a working group meeting in Romania - *in consultation with the INSARAG Secretariat and co-chairs of NCBWG*

04

Partnerships

Promote broader collaboration between the INSARAG network and the European Union Civil Protection Mechanism, covering areas, but not limited to, preparedness, capacity building, and flood response.

Thank you!

October 18th, 2023

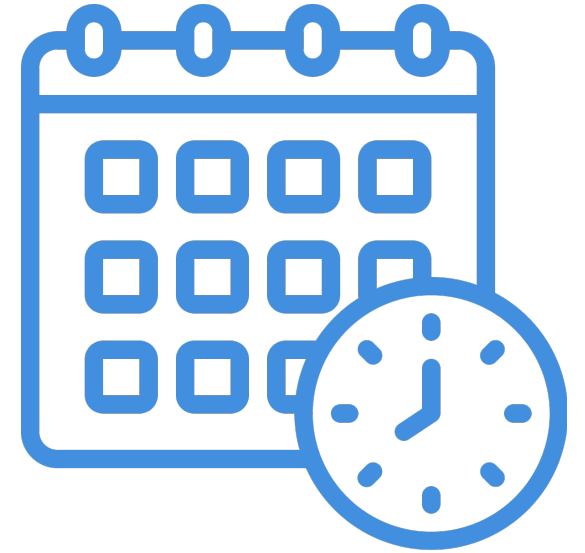
Draft AEME Workplan 2024

Meetings and Training

- 17 Jan – INSARAG New Year Teleconference, online
- March, IEC/IER Leadership Course, Qatar
- March, Team Leaders Meeting, Ecuador
- **7 May – ISG Meeting (HNPW), Geneva**
- 8 May – ERE Workshop (HNPW), Geneva
- May, AEME ICMS Course
- October, UC Manager Course, Switzerland
- October, AEME Regional Meeting, Romania
- 14-18 October, UC Course, Italy

Classifications and Reclassifications

- **Georgia** Light IEC - 3 October
- **Russian Federation** Heavy IER - 17-21 June
- 20-27 August, **South Africa** Medium IER
- **Hungary** Heavy IER – May/June
- November, **Qatar** Heavy IER



Note: the schedule of events may be subject to changes, please check regularly the INSARAG Website for the latest updates.

Training Ownership

Internal – Delivered for an individual team by certified instructors from that team. This type of course should not be added to the INSARAG Activities Calendar. • An INSARAG certificate is not appropriate for this type of course.

National – delivered for multiple teams within the same country. The instructors might be from this country, or a mix that includes instructors from other countries. This type of course could be added to the INSARAG Activities Calendar. • If added to the INSARAG calendar, an INSARAG certificate would be appropriate for this type of course.

Regional – delivered for a specific region using certified instructors from that region. This type of course would be added to the INSARAG Activities Calendar. • An INSARAG certificate is appropriate for this type of course.

Global – an open course for members of the entire INSARAG network using certified instructors from the INSARAG network. This type of course must be added to the INSARAG Activities Calendar. • An INSARAG certificate is required for this type of course"

(Source: Training Workgroup)

TEA/COFFEE BREAK



Meeting will resume in 30 minutes



Extra

Good to Great – UK ISAR





INSARAG | **30**
Preparedness Response YEARS

GOOD TO GREAT

RESEARCH, DEVELOPMENT & INNOVATION
"Doing the most, for the most, safely"



Who Am I?

- Construction
- Sport
- Security
- Recruitment
- JA Europe Business Finalist
- Outside the box thinker
- Non bias approach



1. Level 5 Leadership

Levels 1,2,3,4,5

- 1 – Highly Capable
- 2 – Team Player
- 3 – Competent Manager
- 4 – Ability to steer a team towards well defined and compelling goals
- 5 – Unique – ‘Paradoxical combination of personal humility and professional will’



FEEL THE HEAT TODAY
TO BE ACCLIMITISED TO THE
CHALLENGES OF TOMORROW



WE ARE NOT TRAINING SUPERHERDES,
BUT MOULDING ORDINARY MEN AND WOMEN
WITH EXTRAORDINARY COURAGE
AND COMMITMENT

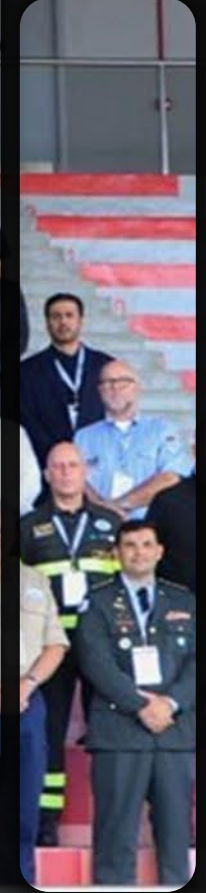
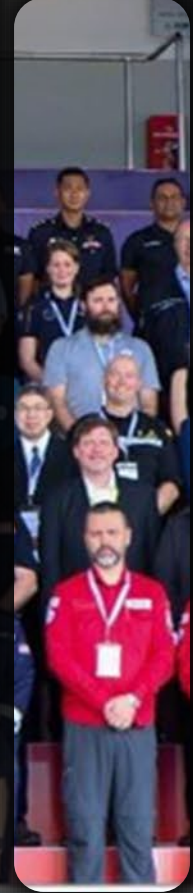
Civil Defence Academy
The Beginning of a Brave, Courageous & Passionate Lifesaver



INSARAG TEAM LEADERS MEETING

28TH February – 02ND March 2023

CIVIL DEFENCE ACADEMY, SINGAPORE

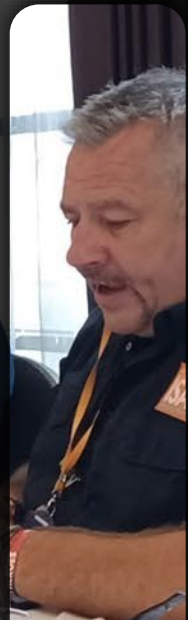


- Create/Build upon on International Relationships
- What are other teams doing differently?
- Two way Mentorship



2. The right people on the bus

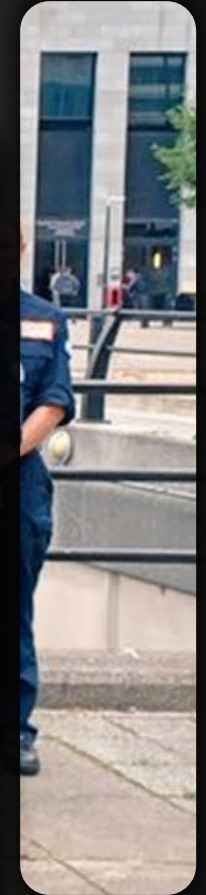
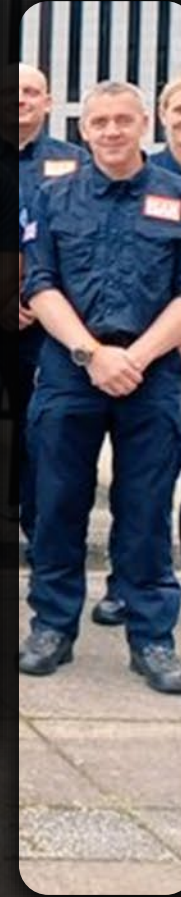
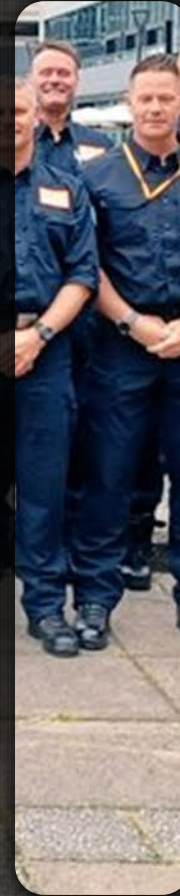
- Desire to drive the Team forward
- Here for the long haul (resilience)
- Leadership – needs to set the tone



Management Training (Coordinators)



Crew Leaders



3. Confront the brutal facts

- What have we learnt/How could we be better?
- Deployments & Training
 - INSARAG & International Partners
 - Feedback from the wider team
- How can we create sustainable change?
 - Planning for the future
 - Understanding that most changes don't happen overnight



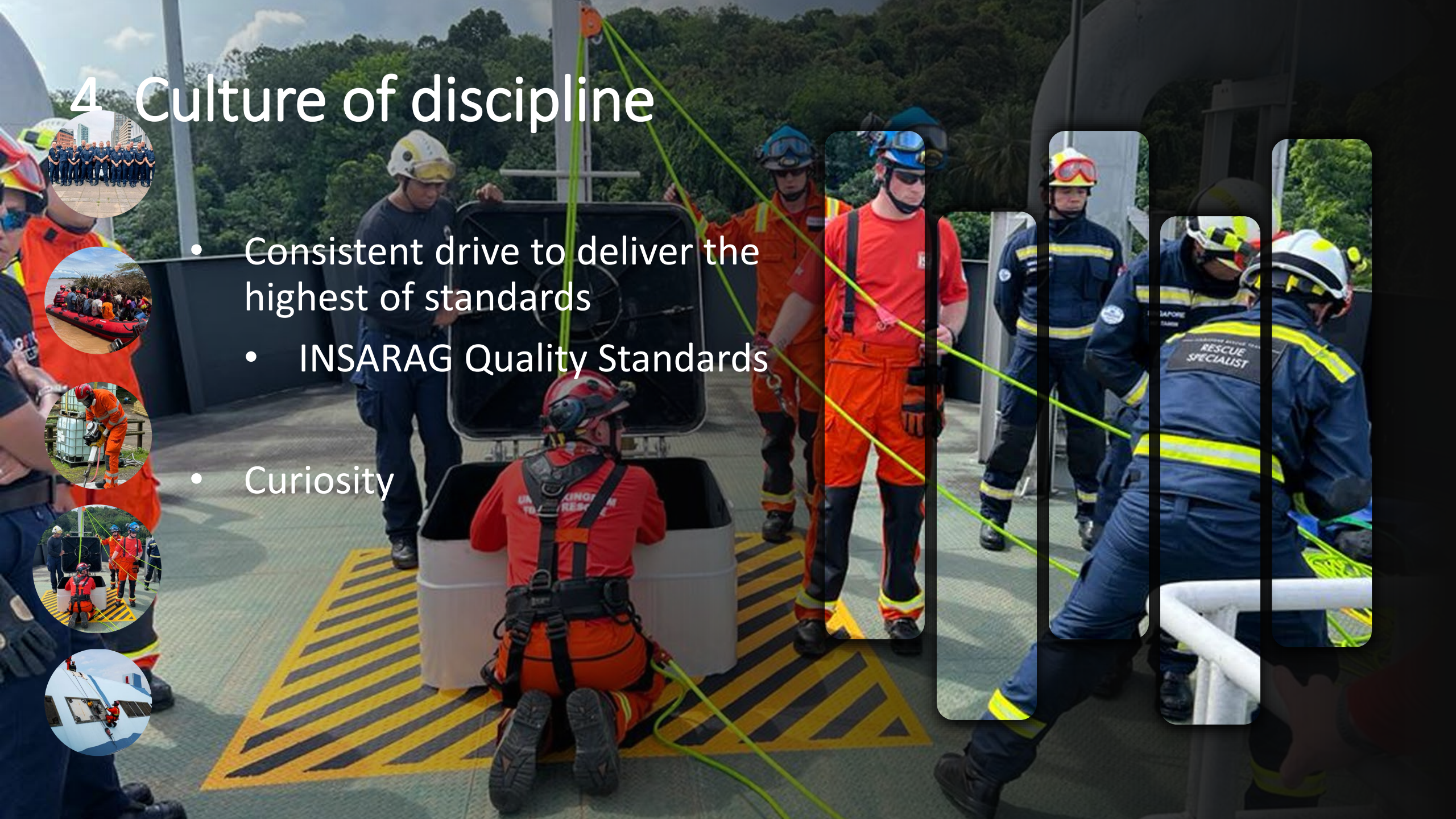
Choosing who to work with...

- **Company Vision**
- **Company Values**
- **Products**
 - **Sustainability**
 - **Environmental Impact**
 - **Value For Money**
- **USP**



4 Culture of discipline

- Consistent drive to deliver the highest of standards
- INSARAG Quality Standards
- Curiosity



Training Variety



5. Technology accelerators move Teams from Good to Great

- Equipment/Process innovation
- Thinking outside the box
- Do the work, try something new

GOOD IS THE ENEMY OF GREAT



6. Good to Great Teams build a flywheel of momentum

- Gradual momentum building
- Self sustaining
- Seamless communication
- Understanding of roles and expectations
- Common goal setting





Updates on new strategic directions



Updates on new strategic directions:

Sebastian Rhodes Stampa, INSARAG Secretary

- Future of INSARAG
- INSARAG Governance review
- INSARAG-UNDAC USAR Pool

Winston Chang, INSARAG Global Lead

- AAR implementation plan

INSARAG Governance Review:

Scope of Consultancy

- **Review INSARAG Guidelines Volume I (Policy):** Thoroughly examine Volume I (Policy) of the INSARAG Guidelines, focusing on the organizational structure, roles, and responsibilities of all stakeholders.
- **Assess INSARAG's Responsiveness and Adaptability:** Assess the responsiveness and adaptability of INSARAG to evolving global challenges and emerging trends in urban search and rescue operations, particularly following the Türkiye and Syria earthquakes in February 2023.
- **Provide Recommendations and Action Plans:** Based on the findings of the review, highlight recommendations and action plans to address identified gaps and areas of improvement. These may encompass revising the governance structure at all levels i.e., Global, Regional, and Working Group Chairs levels, including reviewing the roles, responsibilities, and tenures of the positions. Further review of their positions with regards to INSARAG decision-making processes is to be included.
- **Recommend directions for the INSARAG Strategic Plan (2025-2030):** Contribute to a new INSARAG Strategic Plan for the years 2025-2030, incorporating the recommendations resulting from the Governance Review and closely referencing the current 2021-2026 Strategic Plan.

Updates on new strategic directions:

Sebastian Rhodes Stampa, INSARAG Secretary

- INSARAG-UNDAC USAR Pool

AAR Implementation plan:

FIVE Step Process:

- 1. Consolidate, Prioritise, FINALISE! -Academics, OCHA ERS**
- 2. Network Reviews, Final Version by WGs and ERS– Sec. Coordinates.**
- 3. Drafting of the AAR BOOK – Consultant**
- 4. WGs meet at TLs and Consult the TLs 2024 in Ecuador (18-22 Mar 24)**

“What, How, When”

- 5. Report at the ISG 2024 in May.**

End of day 1

INSARAG AEME Regional Meeting

18 – 19 October 2023

Doha, Qatar



01

Agenda of the day





Meeting Agenda

Scan the QR Code or go to the event page on the Virtual OSOCC:



19 October - AEME Regional Meeting Day 2

Time	Session
0900-0915	1. Agenda of the day Speaker: Winston Chang , INSARAG Global Lead.
0915-0930	2. Regional Chair briefing Speaker: Major Khaled Abdulla Al Hemaidi , Deputy Commander, Qatar International Search and Rescue Group.
0930-0945	3. Strengthening USAR Capacities - Iran Speaker: Abdoljajal Saeed , Head of Operations and Response Office of Tehran Disaster Mitigation and Management Organization (TDMMO).
0945-1045	4. ISG outcomes – Breakout discussions on regional inputs: a) Decision Making Process, Martin Evers , GRG Co Chair. b) Flood Response, Jeremy Stubbs , Jose Solla , Russell Gauden , FRWG Co-Chairs c) Localization, Sebastian Mocarquer , Wahyudi Putra , NCBWG Co Chairs d) IEC/R Review, Annika Coll Eriksson , David Sochor , IEC/R Review WG, Dewey Perks , TWG Co-Chair. Facilitated by WG Co Chairs and members.
1045-1100	Coffee/Tea Break
1100-1200	4. Breakout discussions continued
1200-1230	5. Rapporteurs brief on the breakout discussions
1230-1400	Lunch Break
1400-1430	6. Strengthening USAR Capacities - East Africa Speakers: <ul style="list-style-type: none">Charles Elikunda Msangi, Deputy Director for Disaster Management Department, Prime Minister Office, TanzaniaLt. Col. Richard Migai, Commanding Officer Disaster Response Battalion, Kenya Moderated by: Lucien Jaggi , INSARAG Regional Focal Point for Middle East and North Africa.



Strengthening USAR Capacities - Iran



Annual Performance Report of Tehran Disaster Mitigation and Management Organization (TDMMO) 2023



Tehran Disaster Mitigation
and Management Organization





Subsidence



Storm



Earthquake



Flood



Mass gatherings



Hazmat



Biological threats



Fire



Climate change



Building collapse & Sinkhole

Five Deputies

Risk Reduction & Mitigation Deputy



Passive Defense



Preparedness & Operation



Recovery, Empowerment & Community-based Participation Deputy



Planning, Financial & Administrative Affairs



HSE Secretariat

DM HQ Secretariat of Tehran Metropolis of disaster management HQ of Tehran Megacity

Department of PR & Int'l Affairs

Emergency Operations Center (EOC)

ICT Office

Department of Contract & legal affairs

Coordination Office of Districts Affairs & Organizations

22 Districts Disaster Management & Passive Defense Offices



About 100 stakeholders



Specialized taskforce

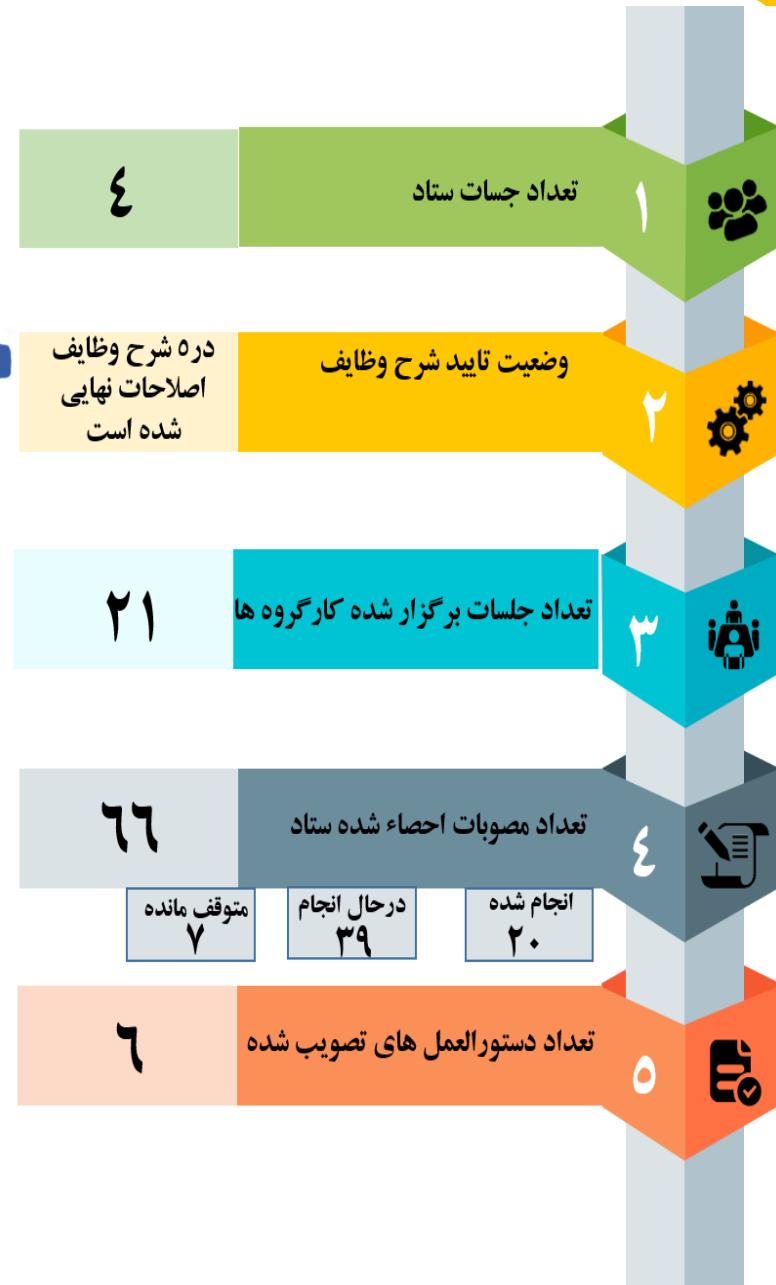
56% of staff hold graduate university degrees



Organizing seasonal meetings of disaster management of Tehran megacity

ستاد مدیریت بحران کلانشهر تهران

۱۵ کارگروه های تخصصی





Hotline 137



Mobile Centers

**Tehran Rejuvenated
by Covid 19
Vaccination
Campaign**



Minibuses



Mosques



City-vaccination-subway

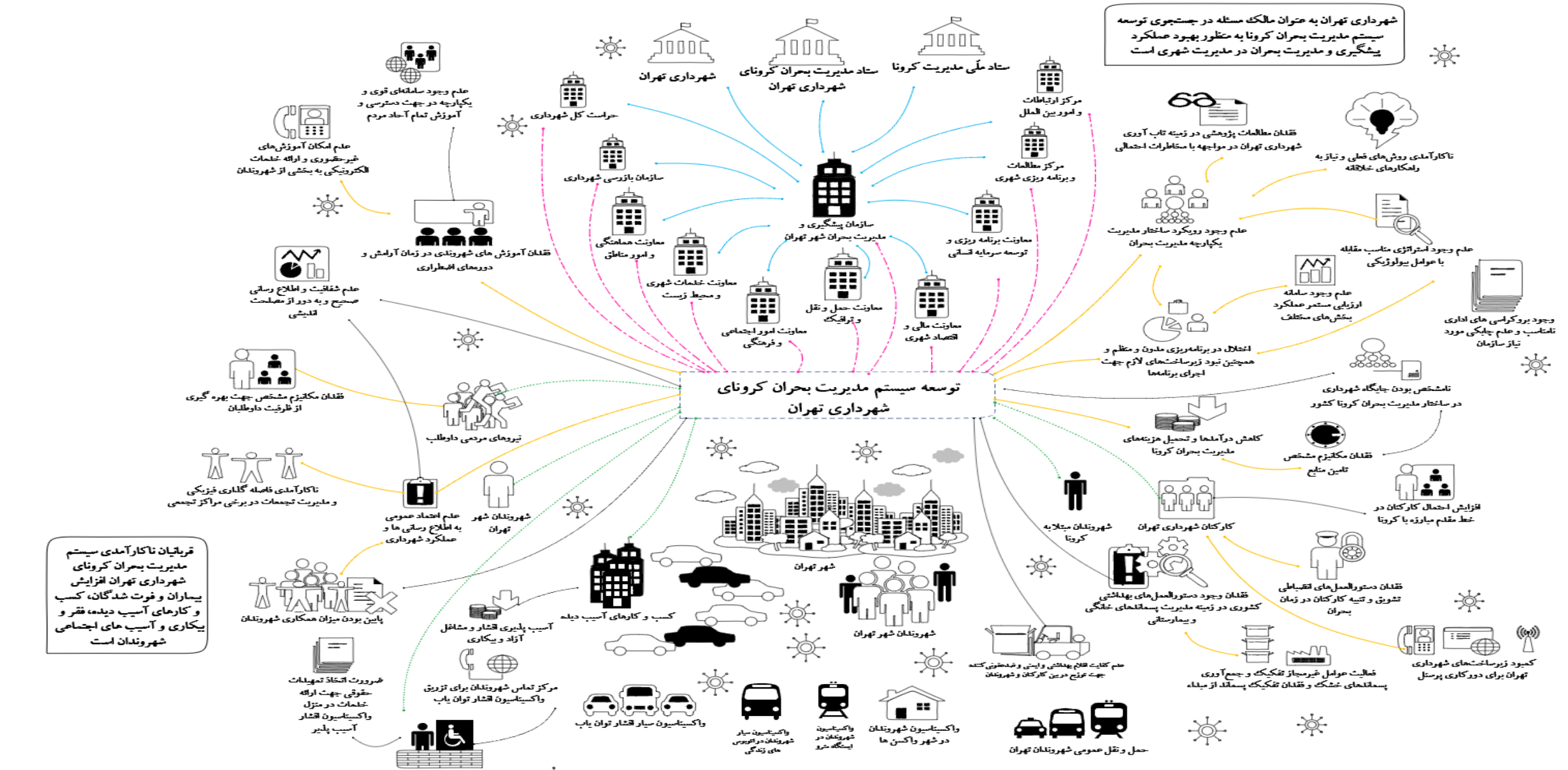


Life buses



COVID-19 Disaster Management System in Tehran Municipality

سیستم مدیریت بحران کرونای شهرداری تهران



شهرداری تهران به عنوان مالک مسئله در جستجوی توسعه سیستم مدیریت بحران کرونا به منظور بهبود عملکرد پیشگیری و مدیریت بحران در مدیریت شهری است

توسعه سیستم مدیریت بحران کرونای شهرداری تهران

قربانان ناکارآمدی سیستم مدیریت بحران کرونای شهرداری تهران افزایش یساران و فوت شدگان، کسب و کارهای آسیب دیده، قعر و یکبارگی و آسیب های اجزائی شهروندان است

مکان	عوامل دوگیر مسئله	بازگوران	مشترکان	محدودیت های محیطی	فرآیند تبدیل
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Physical Safety HQ of Tehran Megacity



سازمان بهداشتی و
مدیریت تهران شهر تهران

برنامه ایمنی کالبدی کلانشهر تهران

Compiling & notifying the
Physical Safety Plan of
Tehran (comprised of 159
actions & 25 action lines)

- Technical buildings & highways
- Lifelines
- Bridges
- Abandoned pits
- Unsafe buildings
- Streets, subways and terminals



Multilateral cooperation agreement



Multilateral cooperation agreement on formation of joint teams for safety assessment of buildings in Tehran



- Purposes of the agreement:**
- multilateral agreement for compiling indices for safety evaluation of buildings agreed upon by relevant bodies.
 - Formation of joint teams for safety inspection
 - identification of unsafe buildings in Tehran
 - ranking buildings in terms of risks

Enlisting buildings that should be visited

Topic: Concluding an agreement on safety evaluation of important & high-rise buildings in Tehran

Approval made in a meeting dated Oct. 25th, 2022

Enlisting about 16,000 buildings that should be visited & evaluated

Screening 15,409 buildings

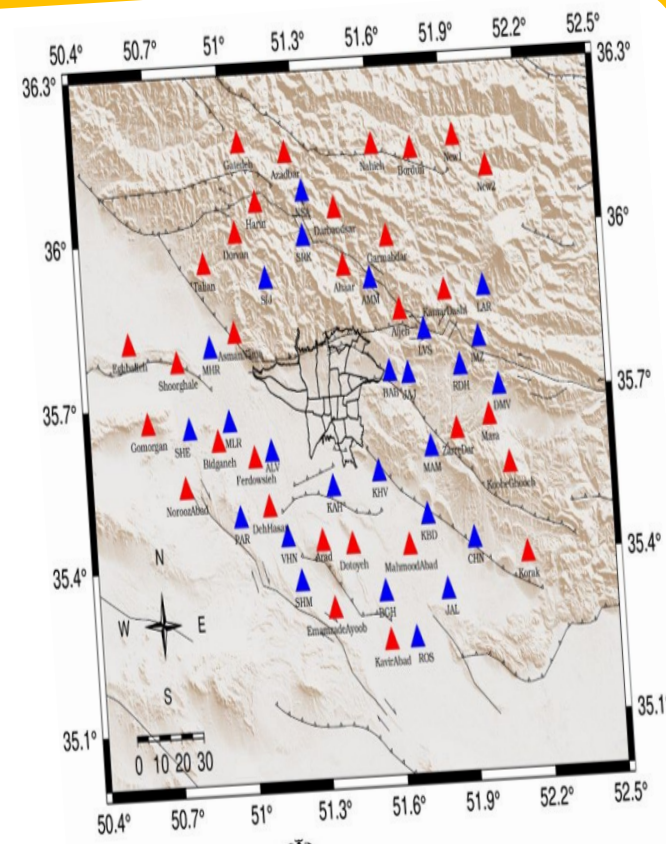
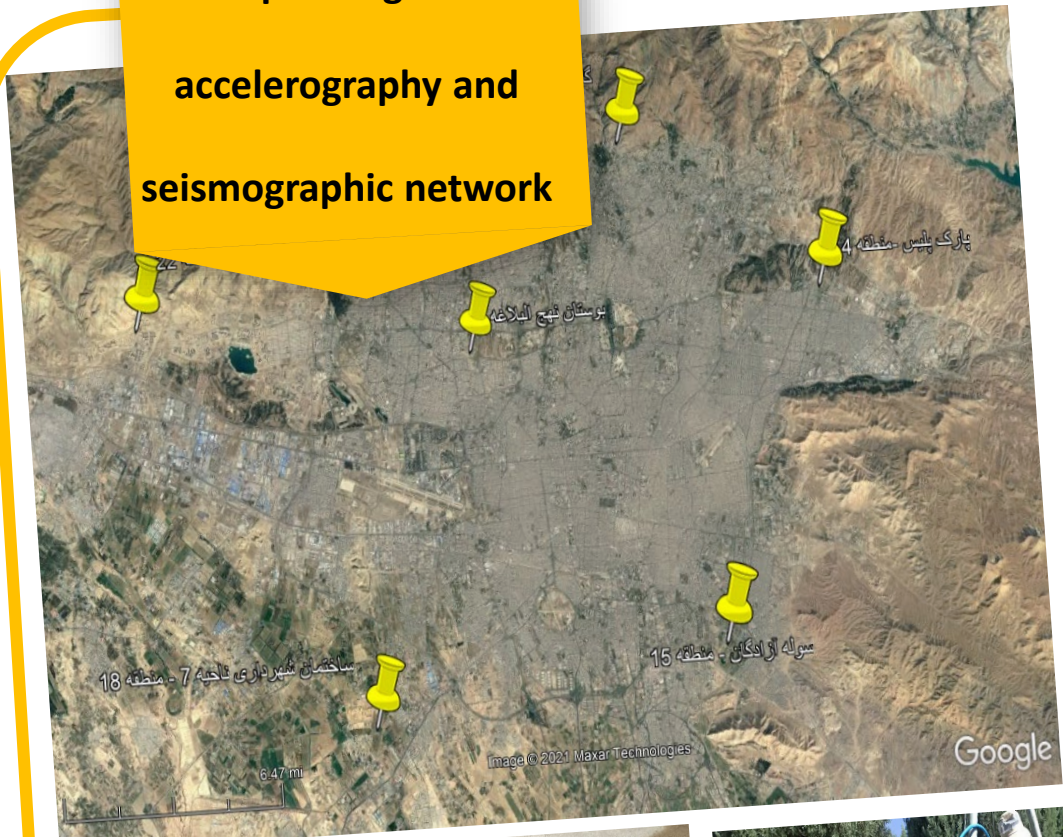
604 buildings were identified by relevant bodies

منطقه	تعداد کل ساختمانهای غربالگری شده بر اساس بانک اطلاعاتی	تعداد کل ساختمانهای معرفی شده از سایر مراجع
1	1526	17
2	1305	61
3	2734	5
4	1236	5
5	731	32
6	3434	104
7	1312	38
8	359	51
9	69	35
10	65	5
11	304	11
12	265	20
13	288	9
14	85	19
15	173	10
16	188	5
17	18	15
18	103	17
19	125	6
20	421	16
21	295	34
22	368	89
مجموع	15409	604

جدول ۱- نحوه تخصیص امتیاز P1 به ساختمان

سال احداث	شرح	صنوبر پروانه احداث ساختمان سال ۱۳۶۹ و قبل از آن	صنوبر پروانه احداث ساختمان سال ۱۳۷۰ تا سال ۱۳۸۱	صنوبر پروانه احداث سال ۱۳۸۱ تا سال ۱۳۹۹	صنوبر پروانه احداث سال ۱۴۰۰ و بعد
۱	شرح	۱	۰.۷۵	۰.۵	مشمول ارزیابی مطابق چک لیست ماده ۲۵
۲	تعداد طبقات	شرح	۴ تا ۸ طبقه	۹ تا ۱۵ طبقه	۱۶ طبقه و بیشتر
	شرح	۱	۰.۵	۰.۷۵	۱
۳	نزدیکی به خط گسل	شرح	کمتر از ۲ کیلومتر	بیشتر از ۲ کیلومتر تا ۵ کیلومتر	بیش از ۵ کیلومتر
	شرح	۱	۰.۵	۰.۲۵	۰.۲۵
۴	سیستم سازه‌ای	شرح	فولادی قبل از سال ۱۳۶۹	فولادی بین سال ۱۳۷۰ تا ۱۳۸۰	فولادی بعد از سال ۱۳۸۰
	شرح	۱	۰.۷۵	۰.۵	سایر
۵	سیستم سقف	شرح	علاقه خرسی - سقف چوبی	صاف	تیرچه بلوک فولادی
	شرح	۱	۱	۰.۵	۰.۲۵
۶	اهمیت ساختمان بر اساس نوع کاربری بر طبق استاندارد ۲۸۰۰	شرح	اهمیت بسیار زیاد	اهمیت زیاد	اهمیت متوسط
	شرح	۱	۰.۵	۰.۲۵	۰.۲۵
۷	زیروانی ساختمان بر حسب متر مربع	شرح	۲۰۰۰ متر مربع	۲۰۰۰ تا ۵۰۰۰ متر مربع	۵۰۰۰ تا ۱۵۰۰۰ متر مربع
	شرح	۰.۲۵	۰.۵	۰.۷۵	۱

**Expanding the
accelerography and
seismographic network**



Network of downhole seismography

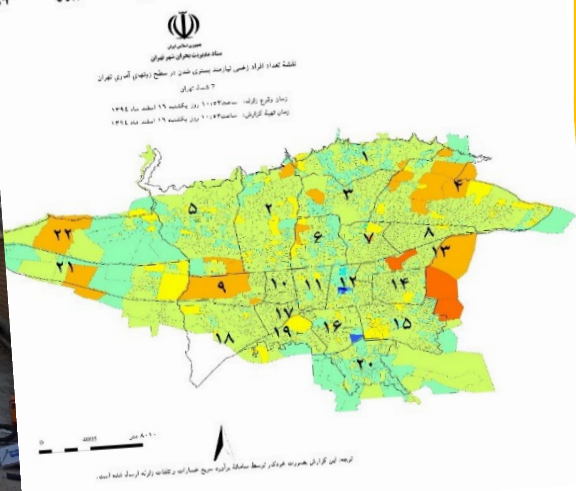
- Completion of 4 stations for seismography
- Launching the network of downhole seismography
- Launching the operation in Nahjolbalaqe Park for installation of sensor systems at the depth of 100 meters

Quake early warning system

- Completion of quake early warning system
- Increasing the number of stations from 22 to 27
- Purchasing 20 new accelerography machines
- Allocation & delivery of 28 new pieces of real estates
- Constructing 5 new station
- Compiling instructions for operating subway lines, electric stations, fire hydrants, etc.

Improving and elevating the damage estimation system

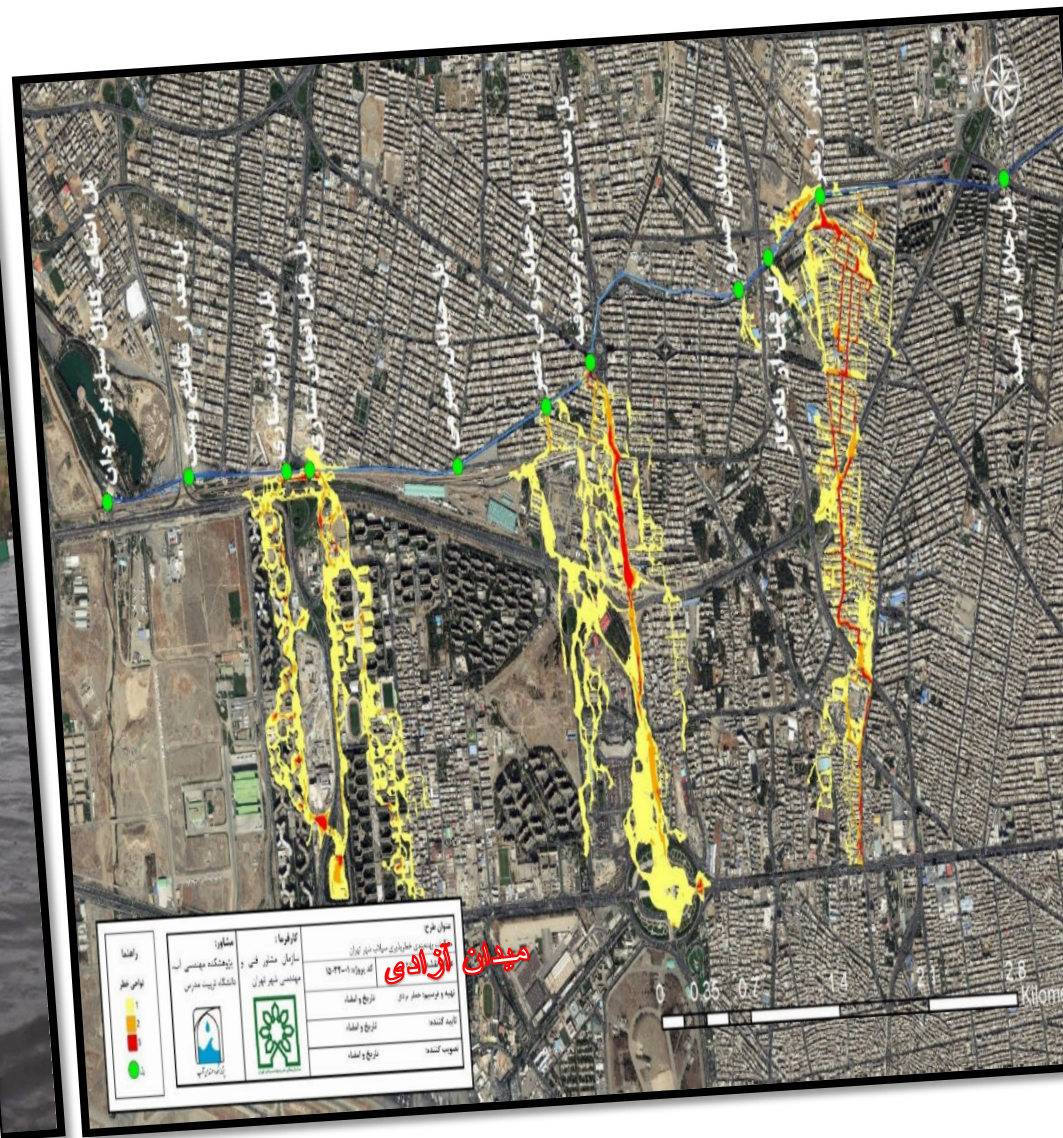
- Making use of equipment capacities of the gas company and Road, Housing, and Urban Development Research Center
- Increasing the modules of bridges, hospitals and the rubble volume (on the agenda)



Managing the flood hazards

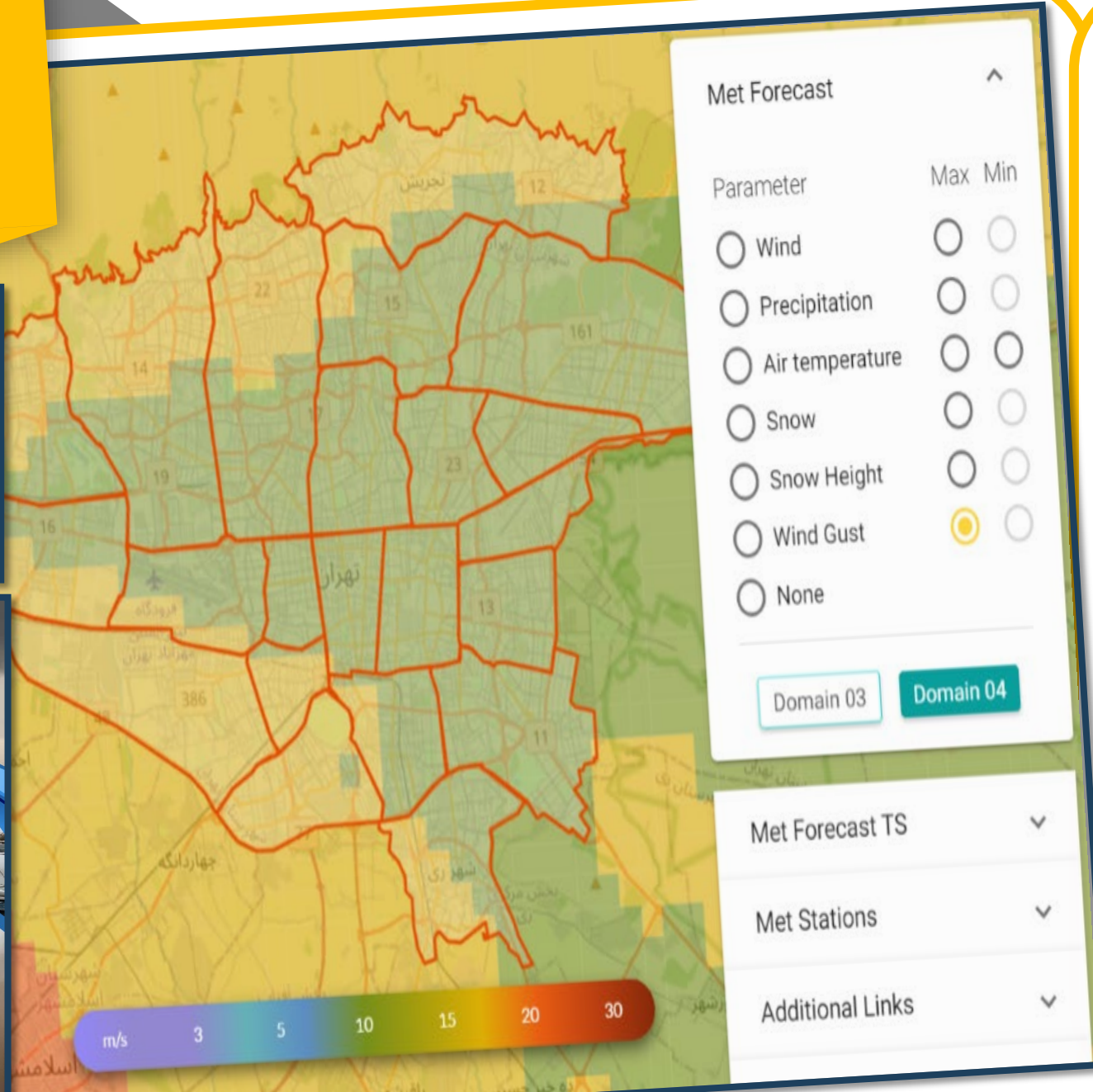
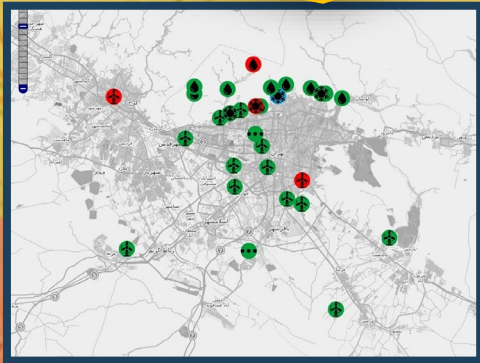


Flood hazard criteria (depth of flood * velocity)
 $H = VD$
 Grade 1 $0 < H < 0.5$
 Grade 2 $0.5 < H < 1.5$
 Grade 3 $H > 1.5$



- Expanding and elevating the surface water prediction system
- Developing the map of flood risk zoning
- Compiling the master plan of flood hazards in Tehran

Managing meteorological hazards



- Launching a system for monitoring meteorological conditions
- Increasing number of wind monitoring stations from 10 to 22
- Increasing number of snow monitoring stations from 4 to 9
- Increasing number of river level monitoring stations from 11 to 18
- Compiling and notifying the storm emergency response plan of Tehran megacity
- Assisting the meteorological organization in forecasting atmospheric conditions

Exercises



Conducting **355** Exercises including 229 tabletop Exercises and 126 operational Exercises

Activities:

- developing scenarios
- coordinating and practicing
- conducting specialized reviews
- compiling lessons learned

Organizing tabletop quake Exercise



Conducting aerial rescue Exercise



The aerial rescue Exercise included operation of helicopters, dropping parachutes, firefighting via choppers, dropping the load and transferring a large load in the form of hanging from the helicopter, disembarking the rescuer from the helicopter with a parachute and transferring the hypothetical injured.

6 helicopters, 4 fixed-wing aircrafts and 3 drones were used in the Exercise in cooperation with 20 bodies and organizations

21 vehicles
700 people
1500 hour works in meetings
Coordinating affairs during 6 months



TEHRAN PICTURE AGENCY
Photo: Mojtaba Arabzadeh

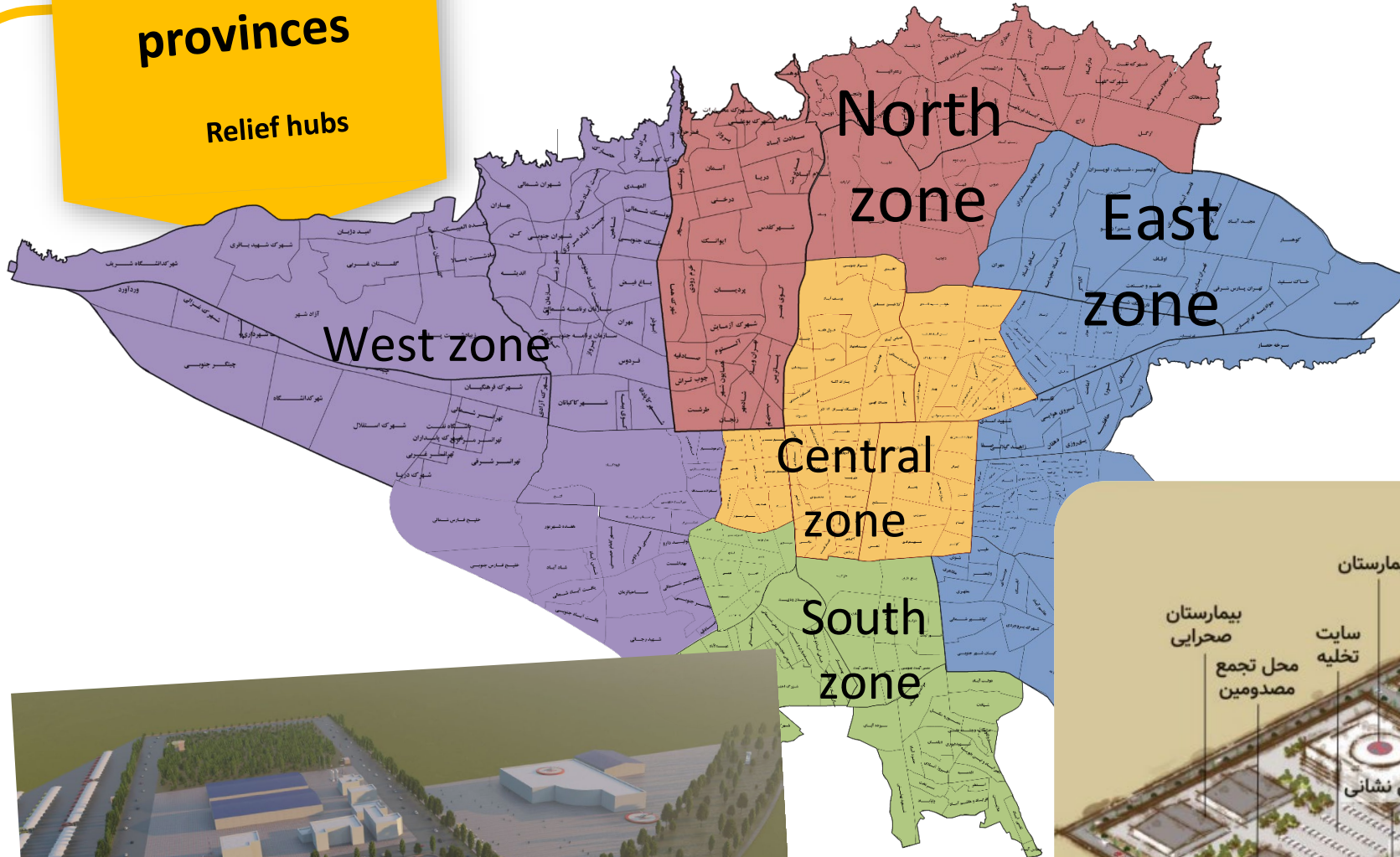


**Conducting
Exercises with
leading provinces
and regions**



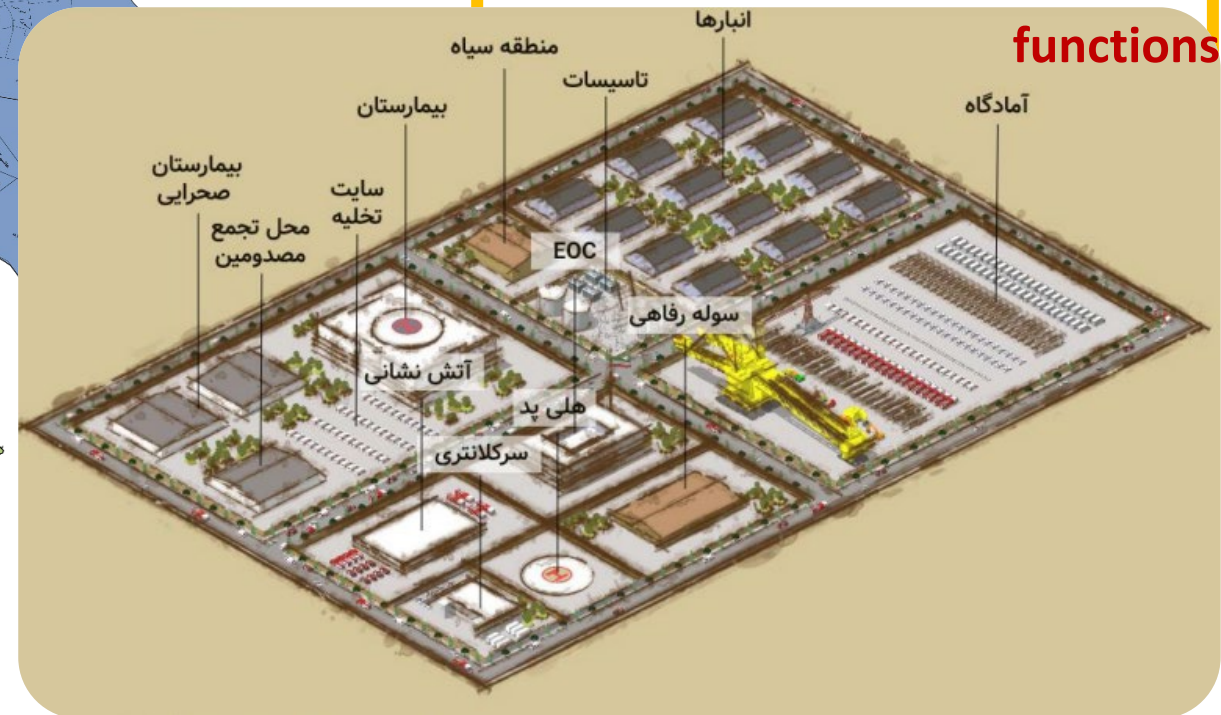
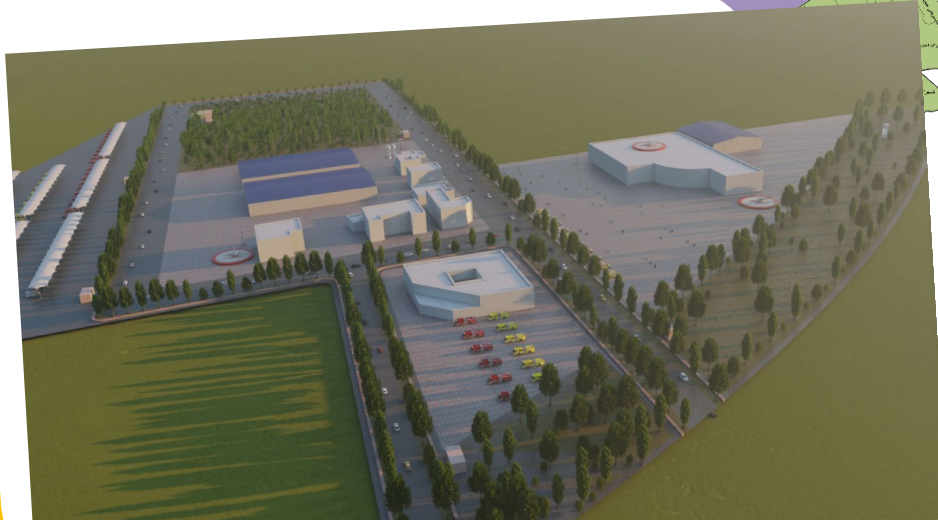
Supporting provinces

Relief hubs



Reviewing the instructions for supporting, leading and successor provinces of Tehran Megacity

Developing a location plan for the project of the pentagonal hubs of preparedness, relief and disaster operation command of Tehran megacity and a case study in Velayat Park.



105

By the end of the year

108

102

Increasing the number of bases from 102 to 105 (presently) and to 108 (by the end of the year)

Installation of solar panels in 8 bases



Purchasing 7 diesel power generators



Emergency settlement plan



سازمان پیشگیری و مدیریت بحران شهر تهران
Tehran Disaster Mitigation and Management Organization



ظرفیت‌های

تخلیه و اسکان

اضطراری

منطقه ۱

مهرماه ۱۴۰۱

سازمان پیشگیری و مدیریت بحران شهر تهران مراکز اسکان اضطراری شهر تهران		بوستان ساحل	
مرکز	نام مستعار	بوستان ساحل	نام محل
۴ ناحیه	۴۰۸ محله	بوستان ساحل	حکیمیه
س ورودی اصلی	بلوار بابائیان	تلفن	کد محل
و دسترسی‌های اطراف	شمال	جنوب	شرق
ورودی‌های سواره‌رو	شمال	جنوب	غرب
ورودی‌های پیاده‌رو	شمال	جنوب	شرق
فضای سبز و باز	نام کاربری سایر	جنوب	شرق
شهرداری	نام نهاد مالک	شهرداری منطقه ۴	
مساحت کل (مترمربع)	هر دو	۱۲۰۰۰	۱۹۲
برآورد تعداد نفر قابل اسکان در فضای سرپناز (نفر)	۱۰۰	۱۸	۴۸
برآورد تعداد نفر قابل اسکان در فضای سرپوشیده (نفر)		۱۰	۴
برآورد تعداد چادر مورد نیاز (تخته)		۱۰	۲
برآورد تعداد کل سرویس بهداشتی مورد نیاز (چشمه)		دارد	هر دو
برآورد تعداد کل حمام مورد نیاز (چشمه)			
برآورد تعداد کل شیر برداشت آب مورد نیاز (چشمه)			
برآورد تعداد کل سکوی شستشوی مورد نیاز (سکو)			
امکانات اضطراری (آب و برق اضطراری)			
ظرفیت برق اضطراری (کیلووات)			
باز (باز/ سرپوشیده)	هر دو		
باز (مترمربع)			
سرپوشیده (مترمربع)			
بار ذخیره ملزومات امدادی (مترمکعب)			
رویس بهداشتی موجود (چشمه)			
مام موجود (چشمه)			
برداشت آب موجود (چشمه)			
وی شستشوی موجود (سکو)			
جمع در فضای باز			
وزن آب اضطراری (مترمکعب)			
(کار/ فاضلاب/ سرویس بهداشتی/ حمام و ...)			
بیمه موجود			
امکانات اولیه			
بامین امکانات			
آوردی پسماند و زباله	دارد		
پایش و گرمایشی برای فضای سرپوشیده	ندارد		
کمترین مرکز درمانی (متر)			
کمترین پایگاه هلال احمر (متر)			
کمترین پایگاه مدیریت بحران (متر)			
کمترین ایستگاه آتش‌نشانی (متر)			
کمترین مرکز انتظامی (متر)			
کمترین مخزن آب اضطراری (متر)			
کمترین معبر شبکه حمل و نقل اضطراری (متر)			
کمترین فضای قابل اسکان (درصد)			
نام نزدیک‌ترین مرکز درمانی			
نام نزدیک‌ترین پایگاه هلال احمر			
نام نزدیک‌ترین مدیریت بحران			
نام نزدیک‌ترین ایستگاه آتش‌نشانی			
نام نزدیک‌ترین مرکز انتظامی			
نام نزدیک‌ترین مخزن آب اضطراری محله			
نام نزدیک‌ترین معبر شبکه حمل و نقل اضطراری			
جنس کف فضای روباز قابل اسکان			

Identification of emergency settlement capacities for 22 districts of Tehran

-Estimating the total number of settlement centers

-Estimating the settlement capacity

-Estimating the number of tents needed

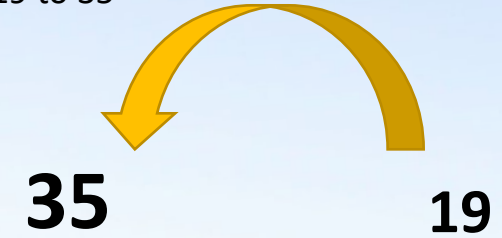
Emergency
water tanks

104 tanks 27 tanks

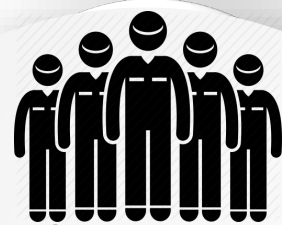


Sustainable Communication system

- Launching the emergency communication network of trunked radio systems with the coverage rate of 90%
- Increasing the number of stable communication network masts from 19 to 35



Managing risks of mass gatherings



Activating a disaster management HQ for mass gatherings, evaluating HSE and dispatching DAWAM forces

جشن عید غدیر

ارتحال امام(ره)

اجتماع امام رضاییها

سلام فرمانده

پیاپی روی جاماندگان

بدرقه خادمین اربعین

اربعین حسینی(ع)





Field presence at accident time

Floods in Konarak



Floods in Imamzadeh Davood



Dispatching experts to Ahvaz during the high-rise building collapse



Well accident in district 12



Contingency plans for tower crane collapse



Water transfer to Hamedan



A training course for heads of disaster management headquarters in 22 districts of Tehran

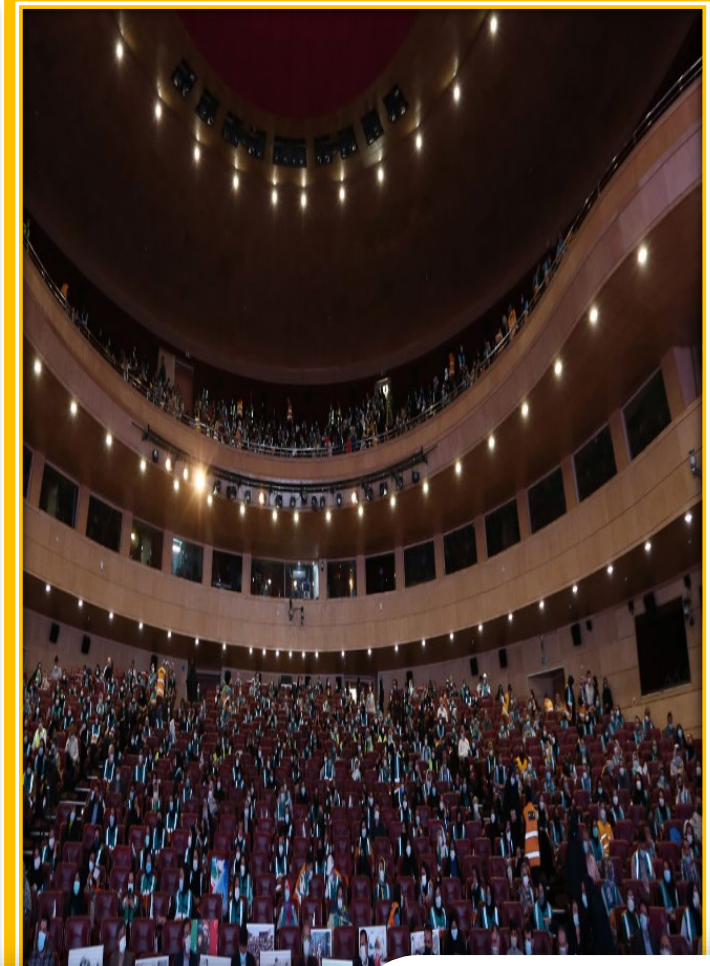
A specialized training on safety, disaster management and urban passive defense for the mayors of 22 districts

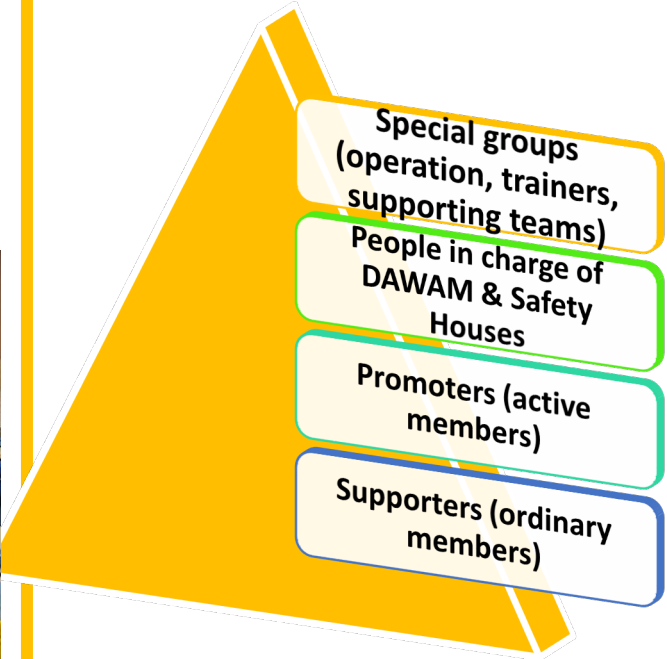
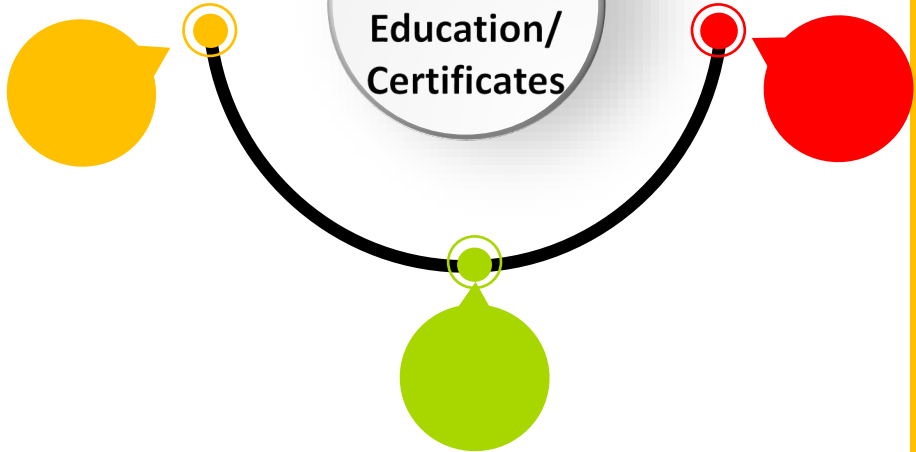


Execution of DAWAM Plan



**Big gathering of DAWAM activists (1,500 people, Milad Tower)
A meeting with officials of DAWAM Houses (340, Azadi Tower)**





330

DAWAM Houses



24,000
members



Increasing the number of houses from 290 to 330 houses

Increasing the share of men in DAWAM houses
from 13% to 15%

Decreasing the age average of members from 45 to
41

Post-disaster recovery

شرکت در این وبینار برای متخصصان رایگان

وبینار آموزشی

بازتوانی روانی اجتماعی پس از وقوع بلایا



دارای امتیاز بازآموزی برای مشاوران روان شناسی



پزشکان، پرستاران، مددکاران اجتماعی، مشاوران روان شناسی

سخنرانان:

آقای دکتر علی نصیری (دبیر علمی)
استادیار گروه سلامت در حوادث و بلایا و پدافند غیرعامل، دانشگاه بهداشت
دانشگاه علوم پزشکی بقیه الله
رئیس سازمان پیشگیری و مدیریت بحران شهر تهران

آقای دکتر امیر حسین جلالی لدوشن
استادیار گروه روان پزشکی، دانشکده پزشکی، دانشگاه علوم پزشکی و خدمات
بهداشتی و درمانی تهران

آقای دکتر طایب باری
استادیار گروه روان پزشکی، دانشکده علوم پزشکی، بقیه الله

آقای دکتر رضا پورحسین
دفینار و رئیس دانشکده روانشناسی و علوم تربیتی، دانشگاه تهران

آقای دکتر خدایه پهلوان احمدی
استاد مرکز تحقیقات علوم رفتاری، دانشکده علوم پزشکی، بقیه الله

خانم دکتر زینب نصیری (دبیر اجرایی)
دکتر، مددکار اجتماعی

دفتر کاهش ریسک بلایا سازمان ملل (UNDRR) برگزار می نماید

وبینار تخصصی توجه به افراد دارای محدودیت جسمی در برنامه ریزی های کاهش خطرپذیری بلایا
Disability inclusive disaster risk reduction – still a tick marking exercise?

دوشنبه ۲۵ بهمن ۱۴۰۰ ساعت: ۱۵:۳۰ تا ۱۶:۳۰

لینک برگزاری ویندوز در دستور ZOOM به آدرس اینترنتی
<https://www.undrr.org/event/disability-inclusive-disaster-risk-reduction-still-tick-marking-exercise>

اوله ویندوز با توجه همزمان: خیابان کارگر شمالی، پلاک ۱۱۱، کاشان، قریه غربی
پلاک ۱۱۱، داخل پارکدینگ ویژه مدیریت بحران شهرداری منطقه ۴

UNDRR
سازمان جهانی کاهش ریسک بلایا
سازمان جهانی کاهش ریسک بلایا

شیوه نامه اجرایی برنامه های باز یابی و باز توانی
سازمان پیشگیری و مدیریت بحران شهر تهران

مدیریت بحران شهر تهران



- Drafting the action plan document in the field of post-disaster recovery
- Conducting a pathology of socio-psychological interventions related to COVID-19
- Tehran rehabilitation capacity identification plan
- Specialized meetings on rehabilitation & recovery
- Offering consulting and educational services to vulnerable groups (such as schools dedicated to children suffering from autism)

اولین همایش ملی آسیب شناسی روانی کرونا و مداخلات روانی - اجتماعی

THE FIRST NATIONAL CONFERENCE ON THE PSYCHOPATHOLOGY OF CORONA AND PSYCHO-SOCIAL INTERVENTIONS

Tehran - Iran
2022 - September 1-2
congress.conpassa.ir

سالن همایش وزارت کشور
تهران - ایران
۱۰ و ۱۱ شهریور ماه ۱۴۰۱

International USAR teams



- Participating in the international urban search and rescue Exercise in Ankara, Türkiye
- Conducting trainings for two heavy urban search and rescue teams
- Holding English language courses for members of INSARAG teams (120 people)
- Active participation in the 7th World Platform for Disaster Risk Reduction

وَمَنْ أَحْيَاهَا فَكَأَنَّمَا أَحْيَا النَّاسَ جَمِيعًا

And whoever saves a man from the death, it is as if he saves all mankind (Holy Quran)

Chapter Maedeh, Verse 32



04

ISG outcomes – breakout discussions on regional inputs:



ISG outcomes – breakout discussions on regional inputs:

Four topics:

- **Decision Making Process**

Guidelines Review Group

- **Flood Response**

Flood Response Working Group

- **Localization**

National Capacity Building Working Group

- **IEC/R Review**

IEC/R Review Working Group, Training Working Group

ISG outcomes – breakout discussions on regional inputs:

- **Decision Making Process**

Guidelines Review Group

ISG 2023 Outcomes:

- Consultations are being launched with the regional groups and the Guidelines Review Group (GRG) to review decision-making processes.
- The Secretariat welcomes the INSARAG network's support to learn from the Türkiye earthquake response leading to a global USAR lessons learnt meeting in Qatar in October, back-to-back with the Africa, Europe, and Middle East (AEME) Regional Meeting.
- The Guidelines Review Group 2023-25 will engage with the network and plan their first meeting back-to-back with the Asia-Pacific (AP) Earthquake Response Exercise (ERE) in August in Australia.

ISG outcomes – breakout discussions on regional inputs:

- **Flood Response**

Flood Response Working Group

ISG 2023 Outcome:

- The Flood Response Working Group will be established. The INSARAG Secretariat will facilitate its organization.

ISG outcomes – breakout discussions on regional inputs:

- **Localisation**

National Capacity Building Working Group

ISG 2023 Outcomes:

- The National Accreditation Working Group (NAWG) transitions to a new working group called National Capacity Building Working Group calling for new members. Its Terms of Reference were agreed.
- The First Responders Program V2.0 is endorsed as the Community Responders Program, and the network is encouraged to reference this to strengthen localization efforts in their countries and regions.

ISG outcomes – breakout discussions on regional inputs:

- **IEC/R Review**

IEC/R Review Working Group, Training Working Group

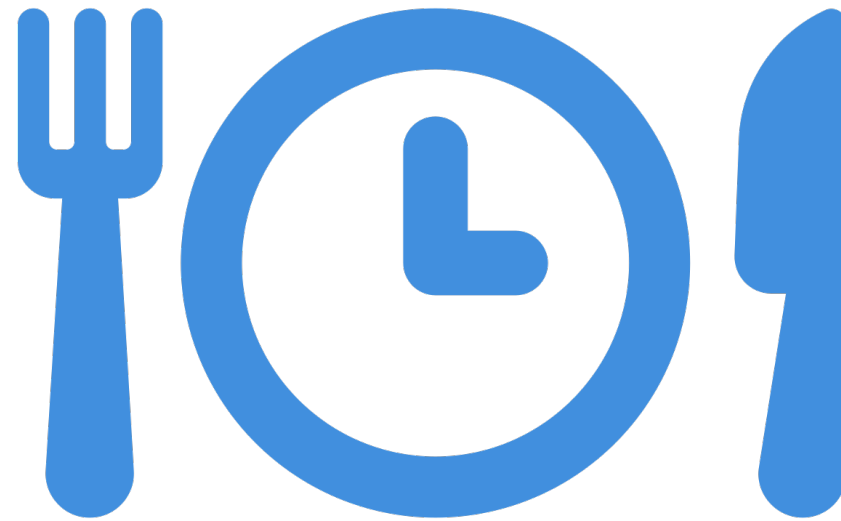
ISG 2023 Outcome:

- The INSARAG Network will be consulted on a revised INSARAG External Reclassification (IER) system to tackle the exponential increase of IERs.

ISG outcomes – breakout discussions on regional inputs:

Round robin schedule	Group 1	Group 2	Group 3	Group 4
1015-1045	Decision Making Process	Flood Response	Localization	IEC/R Review
1045-1115	Flood Response	Localization	IEC/R Review	Decision Making Process
Coffee Break				
1130-1200	Localization	IEC/R Review	Decision Making Process	Flood Response
1200-1230	IEC/R Review	Decision Making Process	Flood Response	Localization

LUNCH BREAK



Meeting will resume at 14:00

02

Regional Chair Briefing*



*Rescheduled

Regional Chair Briefing – Arabic Speaking Initiative

Major **Khaled Abdulla Al Hemaiddi**, Deputy Commander, Qatar International Search and Rescue Team.



05

Rapporteurs report back on the breakout discussions

ISG outcomes – breakout discussions on regional inputs:

- **Decision Making Process**
- **Flood Response**
- **Localization**
- **IEC/R Review**

Decision Making Process – Guidelines Review Group (GRG)

Feedback session

- There is a need of structures in the region to address its diversity and large dimension. Further regionalization could be a solution to address different regional priorities.
- It is essential to develop procedures for decision making. Challenge, establish clear procedures but keep them as light as possible.
- Multiyear planning for regional chairmanship can enable Member States to prepare in advance and result in a more efficient allocation of budget resources.



**SEARCH AND
RESCUE - FLOOD
RESPONSE
WORKING GROUP**

RG- OCT 23



STRUCTURE

INSARAG Steering Group

Direction from ISG 2023

Project Structure

Co-Chairs

*AEME – Russell Gauden, UK
Asia Pacific – Jeremy Stubbs, AUS
Americas – Jose Solla, Brazil*

Secretariat Support Representative

*Anan Maria
Sara Fernandez*

Consultation Groups

AEME

Bennabi ABDELBASSET, Algeria
Gert TEDER, Estonia
Luca ROSIELLO, Italy
Stefan ELISEI, Romania
Grigory KOROLKOV, Russia
Emmanuel Chappeau, France
Danilo BILOTTA, EU
Alex KERR, UK
Jappie Lengoabala, South Africa

AP

Raza Iqbal, Pakistan
Rob McDowall, NZ
Narendra Singh Bundela, India

Americas

Sean Findlay, USA
Esteban Maria CHALA, Argentina
Jason Hills, CDEMA
Carlos Tornquist, Chile

OUTPUTS

- Directory of Flood Response
- INSARAG Flood Response Standard
- Technical Reference Note

WG Terms of reference (TOR).

1. A Directory of existing Flood Response capabilities of INSARAG member states (on a voluntary basis) for OCHA and the INSARAG Secretariat to share when requested by countries affected by extreme flooding and requiring international assistance?

2. A review of globally recognised standards for flood response and recommend a standard for INSARAG teams with flood response capacities to adopt these standards?

3. A Technical Reference Note on Flood Response to guide capacity building of the member states at national and local level, to guide INSARAG teams wishing to develop or offer Flood Response assistance?

What next?

DISCUSSION

What flood capability currently exists in your country and which agency maintains this capability?

What training standards do you maintain?

What level of flood response capability would complement a response to your country? Have you experienced events where you would request support?

What may be the triggers for your country to accept flood response support?

What doctrine would bring alignment to flood response within the INSARAG community? What is the ideal doctrine?

What systems currently used by INSARAG could be adapted to flood response? ICMS and VOSOCC?

Comment on a flood response task force that reflects a light, medium and heavy team.

What are the challenges to providing support for entry of flood response teams to your country?

Can you identify flood response capacity building opportunities in yours or others regions?

Questions?



In Preparation for Flood Response WG Break out Session-

**Please
answer and
bring with
you.**

What flood capability currently exists in your country and which agency maintains this capability?

What training standards do you maintain?

What level of flood response capability would complement a response to your country? Have you experienced events where you would request support?

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Can you identify flood response capacity building opportunities in yours or others regions?

National Capacity Building Working Group (NCBWG)

Feedback session

1) **What are barriers in the AEME region that challenge the INSARAG localization and national capacity building agenda?**

- Lack of awareness
 - Products or services the network can provide
 - Added value of national capacity building
- Apparent competition between NAP/IRNAP and IEC/R
 - How to deal with NGO's?
- Political barriers
 - Internal e.g. legislation
 - International e.g. sanctions
- Funding
 - National and of supporting members states
 - Funding for international teams versus capacity building
- Duplication of roles with other mechanism

National Capacity Building Working Group (NCBWG)

Feedback session

2) How can the NCBWG support the AEME Region in national capacity building and localization?

- Advocacy
 - Reach out directly or bilaterally to authorities of disaster-prone member states
 - Engage actors from other networks
 - Communication strategy to reach multiple audiences
 - Develop more tools (e.g. whitepapers)
- Humanitarian assistance and DRR integration
- Explore synergy with regional mechanisms
- Increase pool of experts

National Capacity Building Working Group (NCBWG)

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- Explore synergy with regional mechanisms
- Increase pool of experts

Breakout Session 2

IEC/R Working Group

How do we achieve the necessary quality and quantity of mentors and classifiers within the growing IEC/R quality assurances process?

1. Can, should, must Teams deploy trained classifiers? →GRG/Team
2. To be a check list item? →Check List
3. Training package? →TWG
4. Quality assurance for classifiers - two way system? →IEC/R WG
5. Transparent selection →Secretariat
6. Funding →Letter of secretariat to team sponsors about significance
7. TORs →Vol I, Manual C →Compliance!

Breakout Session 2

IEC/R Working Group

How do we step forward to implement more challenging exercises within the IEC/R quality assurances process to prepare our teams for a more flexible response in a “chaotic” response?

1. Verification of technical skills vs challenging exercise → competition, fear of yellows ERE vs IER → change of mind of teams
2. Training for EXCON
3. IER on different training grounds → fixed training grounds in regions
4. Quality of Mentors and Classifiers → training?
5. List of injects
6. Role Players



Strengthening USAR Capacities - East Africa





Tanzania USAR experiences, opportunities, challenges and lessons learnt: Tanzania: Initial USAR National Framework

*Marsa Malaz Kempinski, Qatar, Doha
18 October, 2023*

Prepared by:

Charles E. Msangi

Disaster Management Department,

Prime Minister's Office,

maafa@pmo.go.tz

Welcome to Tanzania
The land of Kilimanjaro
A paradise in the sun





Contents:

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Classification of Major Hazard in Tanzania

Background: Disaster Risk Management in Tanzania

Tanzania Policy and Legal base on USAR

Existing USAR system and challenges

Proposed Levels of USAR Teams in Tanzania

Classification of Major Hazard in Tanzania

Hazard Category	Biological	Hydro-meteorological	Geological	Environmental
Hazard Type	<ul style="list-style-type: none">- Pests outbreaks- Animal epidemics- Human epidemics	<ul style="list-style-type: none">- Drought- Floods- Strong winds- Tropical cyclone	<ul style="list-style-type: none">- Earthquake- Landslide	<ul style="list-style-type: none">- Urban fire- Wild fire

Building collapse in DSM, 2013



24/10/2023

MBAGALA AND GONGOLA MBOTO EXPLOSIONS, DAR ES SALAAM 2009/2011

Death: 56



KAGERA EARTHQUAKE, 2016



Death :17

Background: Disaster Risk Management in Tanzania

Disaster Management Department (DMD) at Prime Minister's Office

Established under the Disaster Relief Coordination Act No. 9 of 1990

To coordinate disaster relief assistances

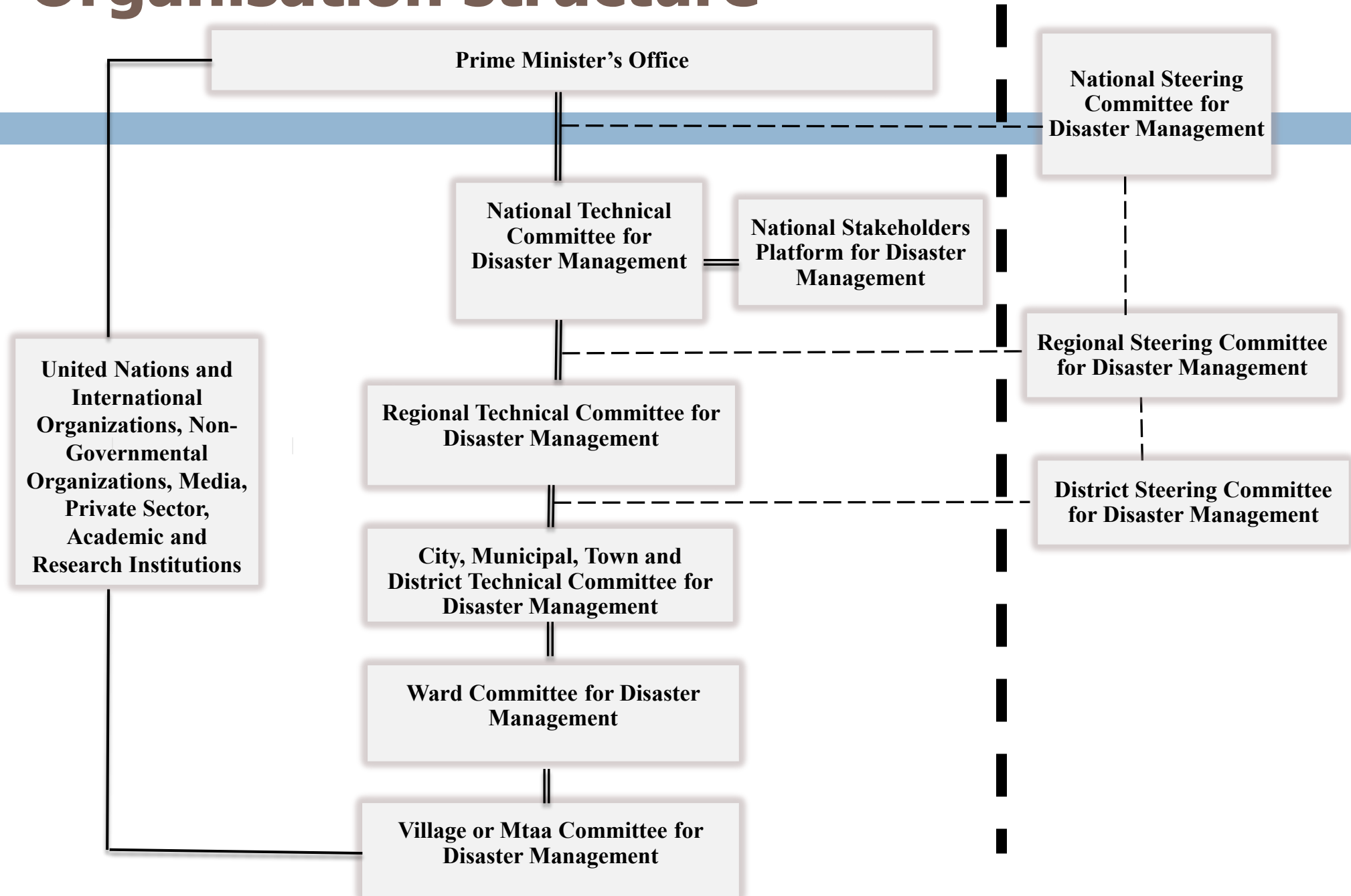
Transformed to DMD in 1998

The National Focal Point for Coordination of DRR&M

Operations are guided by:-

- * National Disaster Management Policy (2004)
- * Disaster Management Act No. 6 of 2022 and regulations of 2022

Organisation structure



Tanzania Policy and Legal base on USAR

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National Disaster Management Policy 2004

- Objective 2.1.3: Disaster response.
 - Call to establish legal, administrative and institutional arrangements for effective and coordinated response activities.
- To establish response mechanism with appropriate command structure, trained personnel teams equipped with appropriate tools for all types of disasters.

Tanzania Policy and Legal base on USAR

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Disaster Management Act No. 6 of 2022

- Provision for Technical Committee on Disaster Management to establish a sub-committee to ensure the effective implementation of the national disaster management and coordination activities
 - ✓ National level 10(2)
 - ✓ Regional level 16(2)
 - ✓ City, Municipal, Township and District 20(2).

Existing USAR system

First Responders Teams

The team are existing at :

- ⑩ City, Municipal, Township and District
- ⑩ Region and national provide technical support
- ⑩ Emergency Operation and Communication Centre at National level
- ⑩ One Regional level EOC with organized First Responder Team.
- ⑩ Emergency preparedness and response plan

Core Team members

- Fire and rescue services
- Ambulance services
- Police Force
- Red cross society, scout
- Local government authority
- Military support to civil authority

Support Team members

- Utilities services – water, energy, telecommunication
- Transport
- Health services provider

Disaster response agencies-Local government



National and District Disaster Preparedness and Response Plan

•Disaster Response Function

DRF 1: Direction and control

DRF 2: Communications and warnings

DRF 3: Evacuation

DRF 4: Fire fighting

DRF 5: Law enforcement

DRF 6: Health and medical services

DRF 7: Search and rescue

DRF 8: Shelter and Mass care

DRF 9: Public information

DRF 10: Damage and needs assessment

DRF 11: Public works and engineering

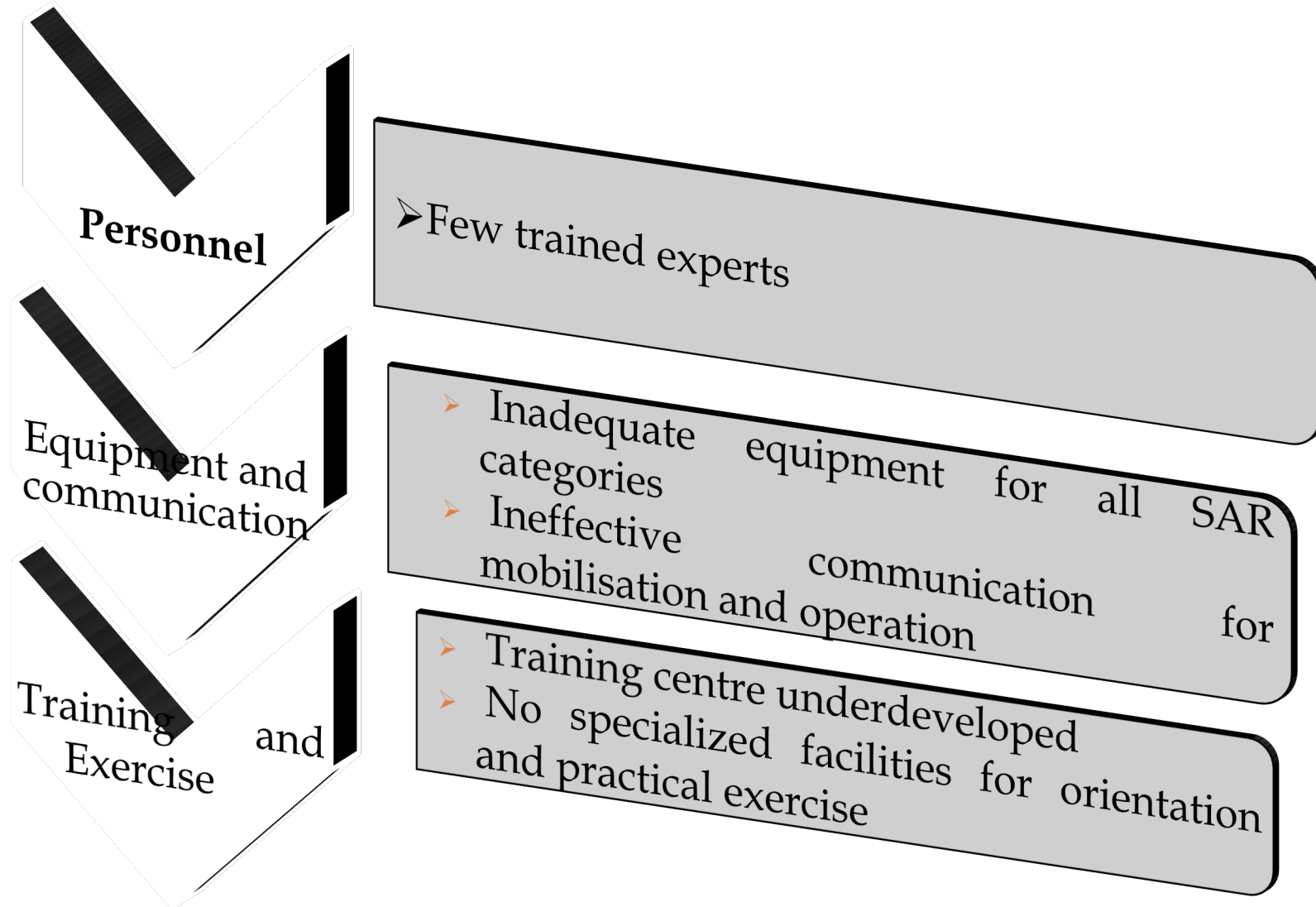
DRF 12: Energy and utilities

DRF 13: Resources management and supply

DRF 14: Transportation

DRF 15: Psychosocial Support

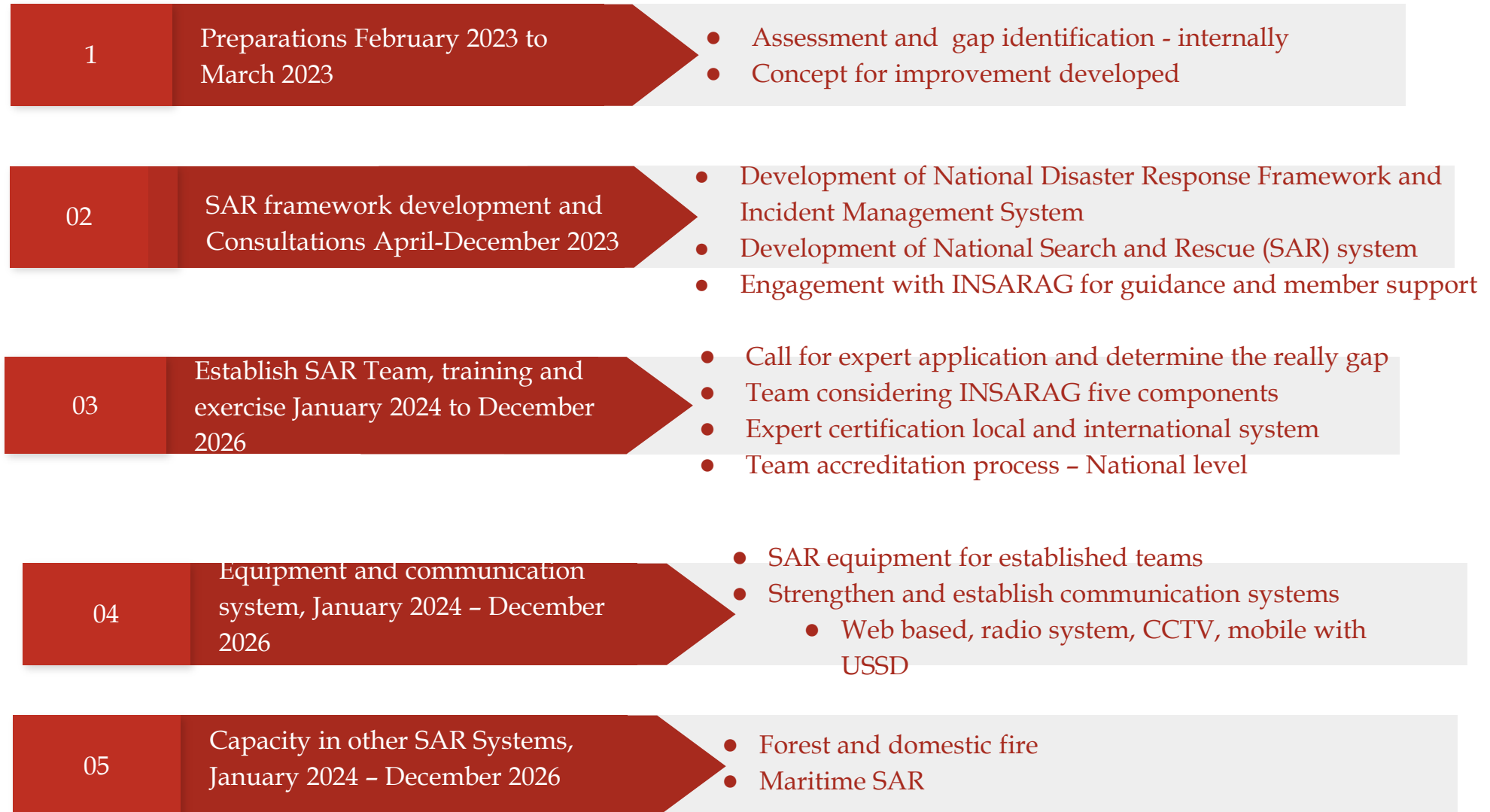
USAR Challenges



Proposed Levels of USAR Teams in Tanzania



Timeline for USAR Development 2023-2026



Financing and engagement mechanisms

128

- Government budget
- Public – private partnership
- Cost sharing, Volunteers, Member clubs
- Bilateral and multilateral support
- Donated equipment and grants
- Expert exchange programs



Thank you for listening



PRESENTATION
ON
DISASTER RESPONSE BN
By

Lt Col (LTC) R O Migai 'psc' (Bdi)

Commanding Officer

RESTRICTED



INSARAG | **30**
Preparedness Response YEARS



INTRODUCTION



- ❖ **Aug 98: Idea mooted after terrorist attack on US Embassy in Nairobi & Dar**
- ❖ **Apr 06: DRU commenced Ops due to increasing public expectation on the role of the Mil in DR**
- ❖ **May 07: 9+15 underwent a Basic SAR Trg in Israel to form KDF Trg nucleus in DM**
- ❖ **Oct 18: Unit grew to fully Opnl status with Estb of 21+339 Pers**
- ❖ **Aug 21: Auth of DHQ Doc, new ET approved 51+ 879 + 6**



AIM



To apprise you on Org, Roles and Capabilities of DRB



AGENDA



- ❖ **Legality**
- ❖ **Mission**
- ❖ **Vision**
- ❖ **Organisation**
- ❖ **Core Values**
- ❖ **Roles and Capabilities**
- ❖ **Deployment of DRB and Ops/Rescue Msns conducted**
- ❖ **Future Plans**
- ❖ **Conclusion**



LEGAL BACKING



❖ CoK 2010:

➤ Article 241 (3) (b): *KDF Shall assist and cooperate.....in situations of emergency or disasters*

❖ KDF Act 2012: PART III Cooperation with other Authorities in Kenya

➤ Sec 31 (a): *Shall assist and co-operate with other authorities in situations of disaster or emergency*

➤ Sec 33 (1): *KDF maybe deployed in Jt Ops and in Sp of National Police Service (NPS).....in situations of emergency or disaster*



VISION AND MISSION



VISION

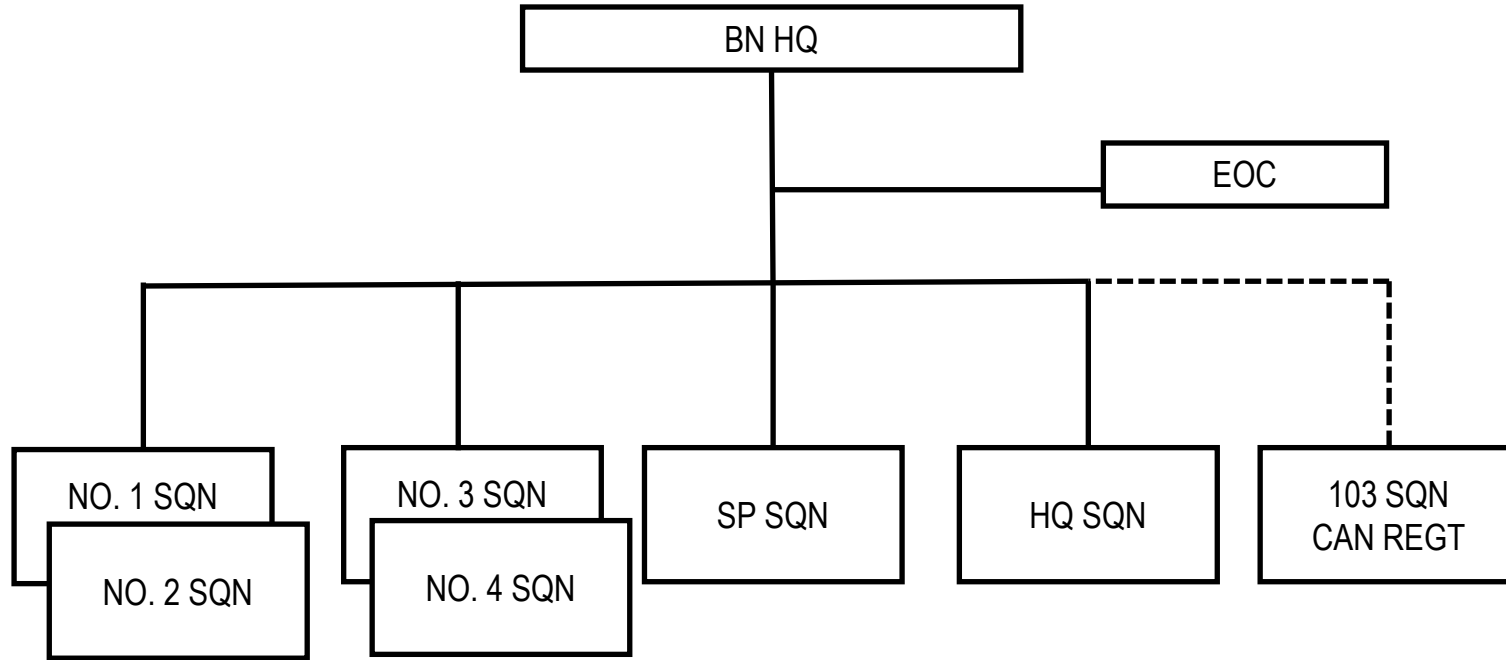
To be the professionally trained, fully equipped and internationally recognized model of excellence run by the Kenya Defence Forces and delivering regional effect in Disaster Management

MISSION

To timely respond to disasters in order to save lives and minimise damage to property when called upon



ORGANISATION OF DRB





ROLES OF DRB



- ❖ Hazardous Material (HAZMAT)/Chemical, Biological Radiological Nuclear (CBRN) incident mgt
- ❖ Urban Search and Rescue (USAR) in Structural Collapse
- ❖ Traffic crash rescue
- ❖ Rope rescue/swift water rescue
- ❖ Psycho-social sp to survivors, families and other rescuers during and after disasters



CAPABILITIES OF DRB (1 of 8)



- ❖ USAR
- ❖ CBRN
- ❖ Water Rescue
- ❖ Fire Fighting



CAPABILITIES OF DRB (2 of 8)



- ❖ Breaking Tools
- ❖ Drilling Tools
- ❖ Lifting Tools
- ❖ Cutting Tools
- ❖ Lighting
- ❖ Supporting (Airbag)
- ❖ Water Pump

Rapid Response Vehicle (RRV)



CAPABILITIES OF DRB (3 of 8)



Mass Casualty Decontamination Unit

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CAPABILITIES OF DRB (4 of 8)



Field Hospital Kit

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CAPABILITIES OF DRB (5 of 8)



CBRN TRAINING

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CAPABILITIES OF DRB (6 of 8)



CBRN TRAINING, LARISORO, SAMBURU COUNTY

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CAPABILITIES OF DRB (7 of 8)



HIGHRISE TRG AT LARISORO, SAMBURU COUNTY

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CAPABILITIES OF DRB (8 of 8)



KARAI- NAIVASHA INCIDENT

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DRB DEPLOYMENT CONCEPT



- ❖ **DRB is always on standby & ready to respond to any emergencies since it is the only Unit with skilled pers and eqpt to respond to collapsed structures and CBRN incident**

- ❖ **Following increased disaster incidences in the Country requiring timely response, DHQ authorized DRB to self-deploy in coordination with NDOC**



DRB DEPLOYMENT Cont...



Tassia collapsed building 8TH Dec 2019

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DRB DEPLOYMENT Cont...



GACHIE Building Collapse 23rd Sept 2021

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DRB DEPLOYMENT Cont...



Tassia collapsed building 8TH DEC 2019

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DRB DEPLOYMENT Cont...



KERICHO Building collapse 2020

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DRB DEPLOYMENT Cont...



MWINGI Drowning Rescue

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DRB DEPLOYMENT Cont..



EMBAKASI Drowning Rescue

24-Oct-23

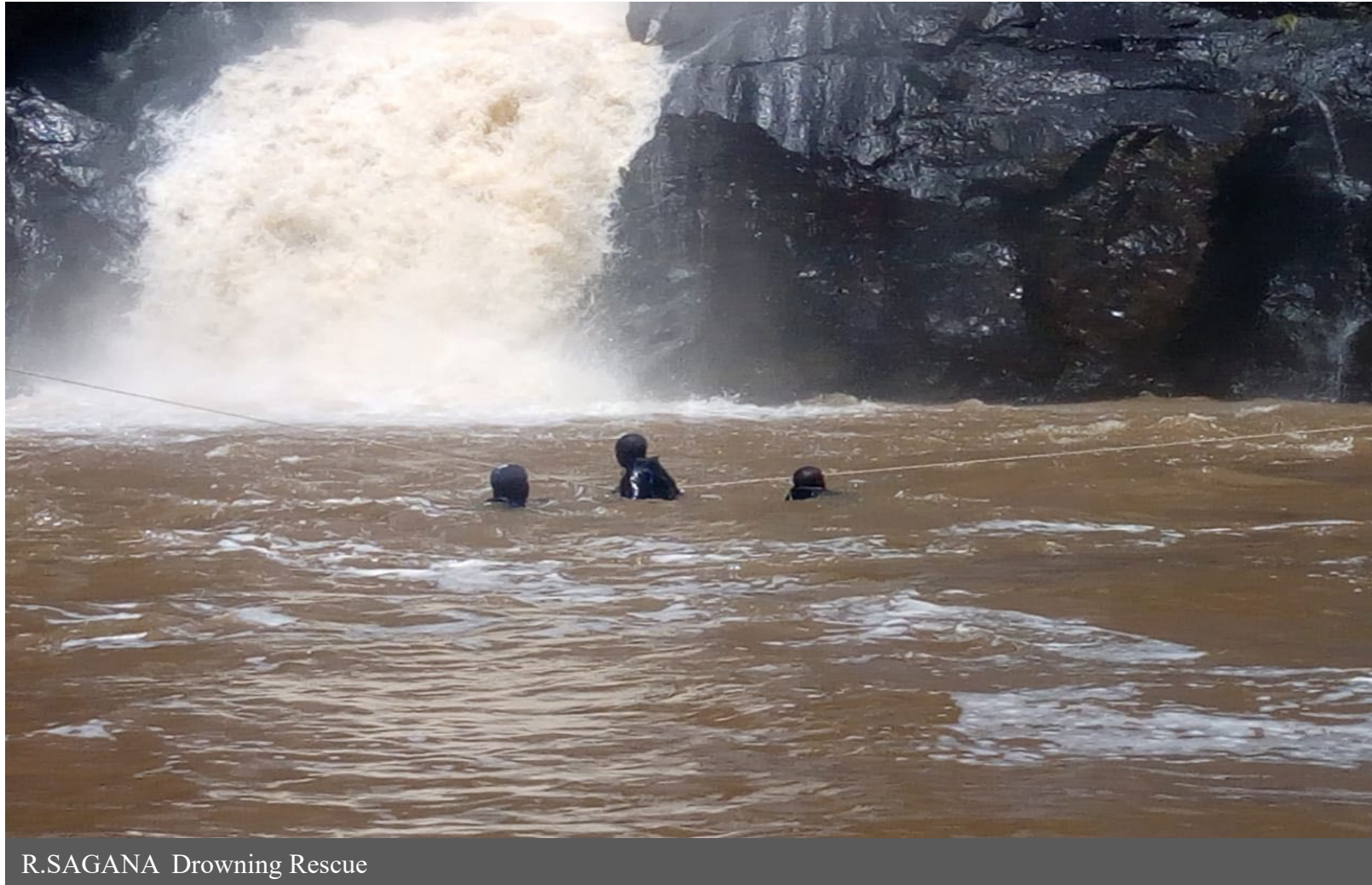
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DRB DEPLOYMENT Cont...



R.SAGANA Drowning Rescue

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3



SUMMARY OF DRB RESCUE MSNS (1 of 5)



Ser	Incident	Date	Rescued	Recoverd	Rmks
1.	Kiambu 1 Blding Collapse	19 Oct 09	16	16	
2.	Kiambu 2 Blding Collapse	11 Jan 10	4	3	
3.	Train derailment at Kibera	23 Apr 10	3	3	
4.	Emba Pipeline Blding Collapse	22 Jun 11	8	4	
5.	Sinai fire tragedy	14 Sep 11			Assessment
6.	Mathare A 4 Landslide	3 Apr 12	8	8	
7.	Mlolongo Bldg Collapse	6 Jun 12	11	5	
8.	Assannands Hse IED attack	14 Jun 12	-	-	Assessment
9.	Westgate Terror Attack	21 Sep 13	Over 175	Over 10	
10.	Recovery of Drowned victim Mwingi	30 Jun 14	-	1	
11.	Utawala Air crash	02 Jul 14	-	4	
12.	Thika Building Collapse	01 Aug 14	4	1	
13.	Recovery of Dam at LARI	13 Oct 14	-	1	
14.	Makongeni Building Collapse	17 Dec 14	11	5	
15.	Huruma 1 Building Collapse		5	4	

SUMMARY OF DRB RESCUE MSNS (2 of 5)

Ser	Incident (Rescue Msn)	Date	Rescued	Recoverd	Rmks
16.	Gikomba Market Fire	23 Jun 15	-	-	Property destroyed
17.	Rongai Building Collapse	06 Sep 15	-	1	
18.	Industrial Area Silo Collapse	11 Dec 15	-	2	
19.	Huruma 2 Building Collapse	29 Apr 16	140	51	
20.	Westland Wall Collapse	24 Jul 16		4	
21.	Kisii 1 Building Collapse	10 Nov 16		8	
22.	Naivasha (Kurai) Fire	10 Dec 16		43	HAZMAT Incident
23.	Meru Drown Incident	21 Jan 17		1	
24.	Nanyuki Dam Recovery	24 Jan 17		1	
25.	Gikomba Fire	02 Apr 17			Property destroyed
26.	Kware building Collapsed	12 Jun 17	2	2	
27.	Embakasi quarry	13 Jun 17	2	2	
28.	Kisii 2 Building Collapse	11 Oct 17	24	7	
29.	Nakuru Building Collapse	22 Oct 17			Property destroyed
30.	EmbaPipeline Bldg collapse	03 Jan 18	6	8	
31.	Juja Building Collapse	04 Mar 18			No Casualties
32.	Ruai Building collapse	17 Mar 18	1	1	

SUMMARY OF RESCUE MSNS (3 of 5)

Ser	Incident (Rescue Msn)	Date	Rescued	Recovered	Rmks
33.	Sarit Center Fire	04 May 18	24		
34.	Solai Dam	09 May 18	41	47	
35.	Ruaka Building Collapse	28 May 18	1		
36.	Huruma Building Collapse	03 Jun 18	3	3	
37.	Gikomba fire	28 Jun 18	72	15	
38.	Dandora Maili 7 Quarry collapse	22 Jul 18		1	
39.	JKIA Fire	15 Oct 18			No Casualties
40.	Malindi Building Collapse	26 Oct 18	15	1	
41.	Gikomba Fire	07 Nov 18			No Casualties
42.	Embakasi Garrison drown in quarry	12 Nov 18		2	
43.	Thika Barracks Drowning	18 Dec 18		3	
44.	Dusit Hotel Attack	15 Jan 19	28	21	
45.	Mozambique Cyclone Aidai Response	22 Mar 19		1000	Property destroyed
46.	Malik Height Arson Fire	3 Jun 19			Property destroyed
47.	West Pokot Landslide	24 Nov 19	124	50	
48.	Tassia Building Collapse	06 Dec 19	41	4	

SUMMARY OF RESCUE OPS (4 of 5)

Ser	Incident (Rescue Msn)	Date	Rescued	Recovered	Rmks
49.	Embakasi Garrison quarry drowning	26 Dec 19		1	
50.	Industrial area metro container fire	15 Mar 20			Property destroyed
51.	Kericho building collapse	09 Jun 20		1	Property destroyed
52.	Gikomba Market fire	25 Jun 20			Property destroyed
53.	Embakasi MQ fire outbreak	31 Aug 20			Fire contained
54.	Abandoned white powder at MFA School compound (HAZMAT Incident)	13 May 21			Positively Identified the white powder (UN 2810)
55.	Uhuru Garden Flood	14 May 21			Pumping water from the site
56.	Kamukunji Building Collapse	21 Jun 21			Assessment. No casualties
57.	Gikomba Market Fire	6 Aug 21			Property destroyed. Assessment & Air Monitoring
58.	Gachie Building collapse	30 Aug 21	9	2	

SUMMARY OF RESCUE OPS (5 of 5)

Ser	Incident (Rescue Msn)	Date	Rescued	Recovered	Rmks
60.	Gatanga bldg collapse-Sunstar Resort Makeji area	17 Dec 21	1	6	
61.	Ruiru By-Pass bldg demolition Collapse	18 May 22	1	2	
62.	Githunguri PCEA Mukua Sec Sch Pit Collapse	03 Jun 22	1	3	
63.	Industrial Area Fire - Silpack Plastic Industry	16 Jun 22	6		Property destroyed
64.	Platinum Packaging industry fire - Soykimau	20 Jul 22			Property destroyed
65.	Ruai By-Pass Bldg Collapse - Afrosayari area	11 Aug 22	3	5	
66.	Kiambu	26 Sep 22		1	
67.	KMC ATHIRIVER AMMONIA	2 Nov 22			Leak Ctrl HAZMAT Assessment
68.	TASSIA BIDG COLLAPSE	7 Nov 22		1	
69.	KASARANI BLDG COLLAPSE	15 Nov 22	1	2	
70.	RUAKA BUILDING COLLAPSE	17 Nov 22		2	
71.	Muranga Bldg Collapse	19 Jun 23	4	6	
72.	Nyeri Drowning Incident	25 Jun 23		1	



TRG SP PARTNERSHIP



- ❖ Israel (USAR Trg/Capacity Bldg)
- ❖ Czech Republic (HAZMAT/CBRN Trg)
- ❖ USA (DTRA/MANG)
- ❖ MDAs & National Stakeholders
 - NDOC (Disaster Mgt Leadership Seminars)
 - NDMU (Disaster Mgt Leadership Seminars)
 - KRCS (First Aid/Dead Body Mgt)



INSARAG FOCAL POINTS



- ❖ Regional Focal Point
- ❖ **Policy Focal Point.** Col Rtd Charles Owino, Director
National Disaster Ops Centre (NDOC)
- ❖ **Operational Focal Point.** Dr Duncan Ochieng,
Director National Disaster Mgt Unit (NDMU)



FUTURE PLANS



- ❖ Expand Trg capacity beyond USAR/HAZMAT;
incorporate Fire Safety Course
- ❖ Engage in all phases (*iePMRR*) within DM Cycle
- ❖ Enhancing the DRB Eqpt capability
- ❖ Maintain engagement with US DTRA & MANG to
build USAR capability trg & Ex/Drills
- ❖ Estb fully equipped EOC for 24/7



FUTURE PLANS Cont...



- ❖ Regionalization of DRB (Coast, Eastern & Western) within Kenya to Sp LEMA
- ❖ Acquire IEC (Medium Tm USAR)
- ❖ Advance Disaster Mgt Simulator (ADMS)
- ❖ Global Disaster Alert and Coord System (GDACs)
- ❖ Offer mentorship to LEMA (NDMU vs Counties)
- ❖ Develop NAP



CLARIFICATIONS



24-Oct-23

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**THANK YOU
FOR YOUR
ATTENTIVE LISTENING**



Morocco's earthquake response by USAR Teams



ERICAM (ESP-01)
RESPONSE TO MOROCCO
EARTHQUAKE

10-19 SEPTEMBER 2023



ACTIVATION AND MOBILISATION

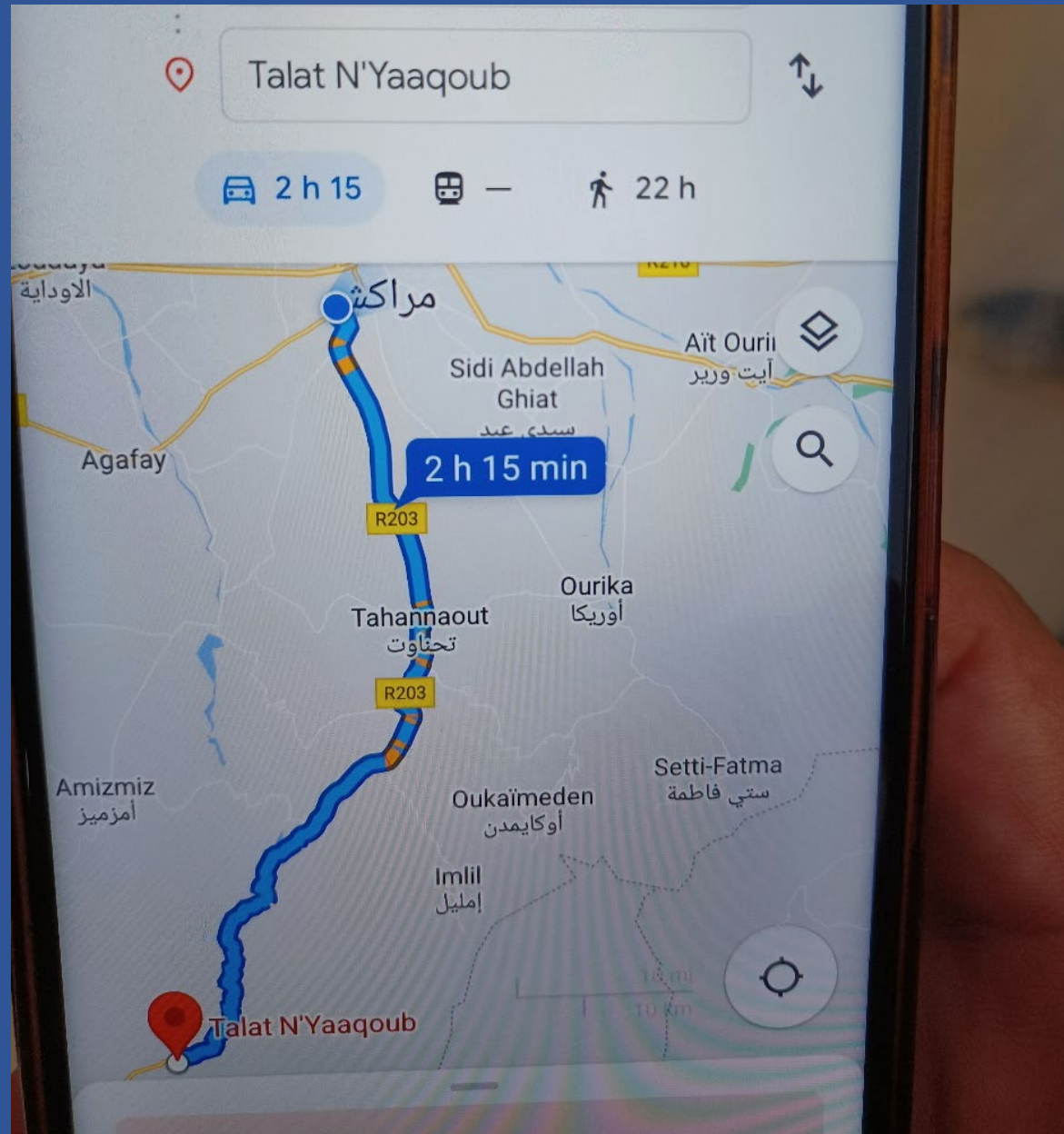
- **09/9-2023 (TIME IN CEST)**
- 00:11h Earthquake
- 09:30 Prealert of ESP-01 ERICAM
- 23:30 Message of Focal Point-no request of international assistance
- **Day +1, 10/9/2023**
- 01:30 Call from Focal Point: Morocco request of bilateral assistance
- 02:00-04:30 Alert of ESP-01 ERICAM
- 07:00- 15:00 Mobilisation procedure (ERICAM LOGS BASE)
- 18:00h Departure from Torrejón de Ardoz towards Marrakech Menara

ACTIVATION AND MOBILISATION

- 18:50 (CEST-1) Landing in Marrakech Menara airport (EQ+43h)
- 19:20-20h Briefing by LEMA (Civil Protection),
- 20-22:15 Meeting with RDC (UME ESP-02), located at military zone of the Menara airport.
- 19:30-22h Loading transport provided by LEMA (4 military trucks with drivers)
- 22: 35 Departure towards assigned sector
(Talat N'Yaaqoub)



ACCESSING THE AFFECTED AREA



OPERATIONS(lessons learnt)

- 4:15 – Arrival at TalatN'Yaaqoub. No USAR activities observed in the village (almost 6 hours)
- 4:56 – Location of provisional BoO (30.9903658,-8.1847828)
- 05:00 Management establishes provisional sectorisation on map of the village for beginning ASR2.

ACCESSING THE AFFECTED AREA



OPERATIONS(lessons learnt)

- VIRTUAL UCC OPENED BY INSARAG SECRETARIAT PROVIDED A PLATFORM TO SHARE INFORMATION AND COORDINATION.
- MOBILISED TEAMS COMMUNICATION WAS GOOD, RAISING SITUATION AWARENESS.
- Remote support- collective (INSARAG, UCC), individual (Teams)

OPERATIONS- taking ownership



OPERATIONS(lessons learnt)

- **05:00** Team is divided in following tasks:
 - **TL + DTL** General assessment of the village (partial ASR1) and Physical marking of sector limits.
 - **ESP-01.1** 1 Establishment of Priority 1 Provisional BoO (one big tent + trucks for resting +1 WC)
 - **ESP-01.2** ASR2 of Sector A.
- **06:00** Provisional BoO READY.

OPERATIONS (situation)

[VID-20230916-WA0045.mp4](#)

OPERATIONS(lessons learnt)

ERICAM - Talat N'Yaaqoub, Haouz, Morocco

MISSION first hours

Group 2 makes ASR2 in Sector 2. The work zone is divided into 6 sectors.

Establishment of the Base of Operations in Talat N'Yaaqoub

The Team Leader of ERICAM meets with officials from the Gendarmerie and Civil Protection.

The Operations Base BoO changes to North of Talat N'Yaaqoub (30.9943, -8.1796060)

An assessment of Sector B is carried out:

Subsector B1: after local interviews and observation 1 work area is identified.

Subsector B2: 1 work area is identified after local interviews and observation.

Subsector B3: after local interviews and observation no working areas are identified.

Subsector B4: after observation and information from USAR MAR 01, no work area is identified.

Subsector B5: after observation and information from USAR MAR 01, no work areas are identified.

Subsector B6: on 11 September ASR2 is performed and 2 work zones are identified.

After identification of work zone B61, estimated number of possible victims alive / missing =1.

OPERATIONS-SUPPORTING NATIONAL TEAMS

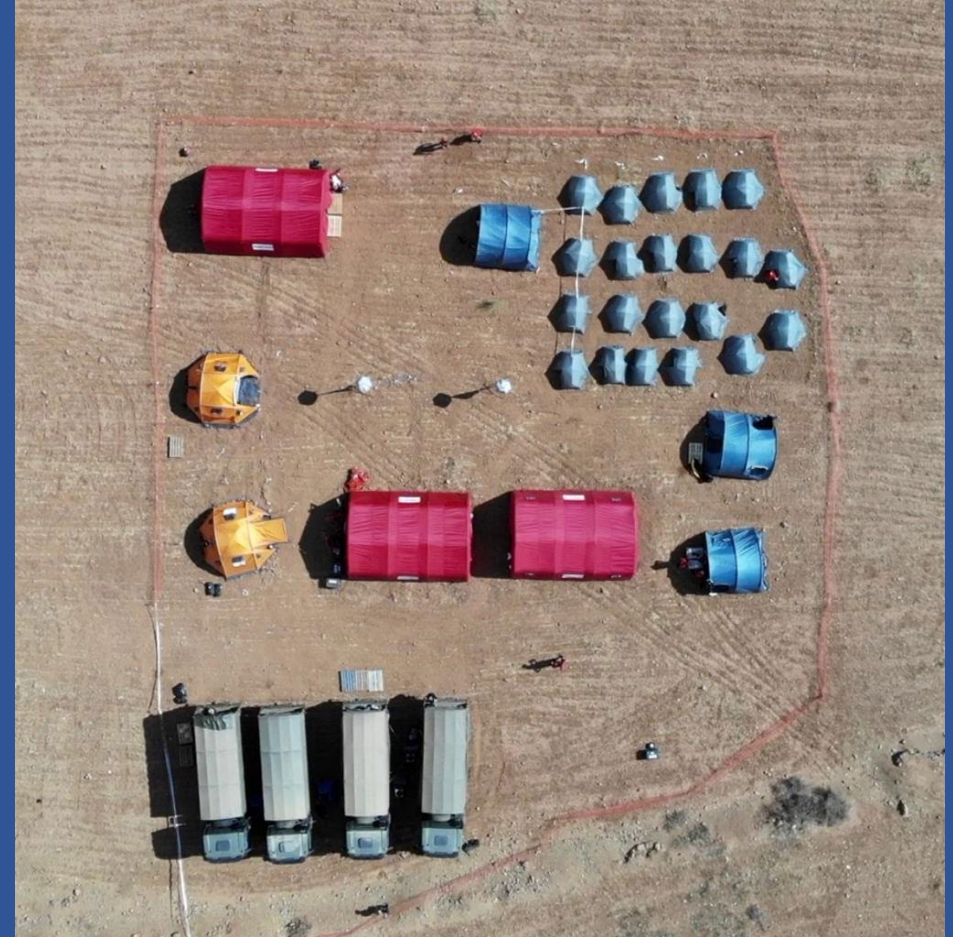
ERICAM - Talat N'Yaaqoub, Haouz, Morocco

DAY	MISSION
11/09/2023 - 18:00	Extraction of deceased victim in Subsector B6.1.
12/09/2023 - 08:05	Leader and member of Group 1 leave the BoB to Access and road assessment in coordination with the Moroccan USAR team (USAR MAR01).
12/09/2023 - 14:00	A Moroccan search dog is brought in with an injured paw and is attended to by Medical Team. An attempt was made to send team 2 to the Aghbar area, first by truck and then by helicopter, but it was finally decided to postpone the departure due to the wind until the next day.
12/09/2023 - 21:20	Arrival of the UK ISAR team. Accommodation at ERICAM Base of Operations.
13/09/2023	Mission with Helicopter in small villages, work zone: 31°04'02.7"N 8°31'46.1"W
13/09/2023 - 17:40	Departure of remaining personnel from Team 2.3 for practical training in Zone A.
13/09/2023 - 21:09	Military personnel in the camp next to ours request medical assistance for one of their members.
14/09/2023 - 10:50	Team 1 departures with military to evaluate needs of the population in Talat N'Yaaqoub.
15/09/2023	Mission to Ankzdame (to rescuers and 2 medical members) to help carrying up people to Talat N'Yaaqoub hospital
16/09/2023 - 12:00	Briefing about INSARANG to USS Members.

OPERATIONS(challenges)

- WHO IS LEMA?? EVERYONE?
- IS THE SITUATION CONTROLLED?
- IS THE INFORMATION WE HAVE RIGHT?
- ARE WE IN THE RIGHT PLACE?
- SHOULD WE MOVE BoO?
- WHAT CAN WE OFFER? DO WE HAVE FREEDOM FOR MOVE?
- WHERE ARE THE OTHER TEAMS?

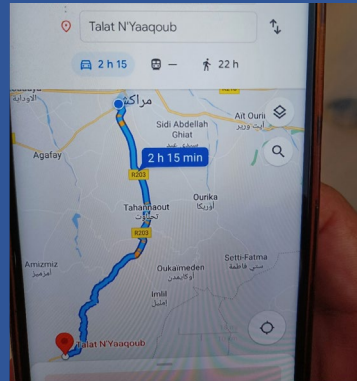
NEW BASE OF OPERATIONS



MAIN TASKS

- ASR2 AND K9 SEARCHES
- ASSESSMENT OF AFFECTED SUBSECTORS AND ACCESS BY ROADS
- SUPPORT LOCAL TEAMS WITH BODY LOCALISATION AND RECOVERY
- COORDINATION WITH MILITARY AND CIVIL TEAMS-JOINT OPERATIONS
- ASSESSMENT OF REMOTE AREAS (HELICOPTER)
- ASSESSMENT OF HUMANITARIAN NEEDS
- SUPPORT TO OTHER INCOMING TEAMS ARRIVING TO THE SECTOR

COORDINATION



OPERATIONS



OPERATIONS- RESCUE OF NON ACCESSIBLE INJURED



OPERATIONS-ASSESSMENT OF HUM NEEDS



OPERATIONS-TRANSPORT



MANAGING FRUSTRATION OF THE TEAM-BIGGEST CHALLENGE



MAIN CONCLUSIONS

- RECENT DEPLOYMENT- IMPLEMENTING CONCLUSIONS
- VIRTUAL COORDINATION VERY GOOD- WHATSAPP, UCC: PROVIDED A PLATFORM THAT ALLOWED TO BE FAR AWAY WITHOUT BEING DISCONNECTED
- SUPPORT OF HOST COUNTRY TO INTERNATIONAL TEAMS VERY GOOD
- JOINT OPERATIONS WITH MOR-01 AND USS
- PROVIDING INFORMATION OF HUMANITRIAN NEEDS TO OTHER MEMBERS OF THE NETWORK
- IMPORTANCE OF FRUSTRATION MANAGEMENT



ERICAM (ESP-01) RESPONSE TO MOROCCO EARTHQUAKE

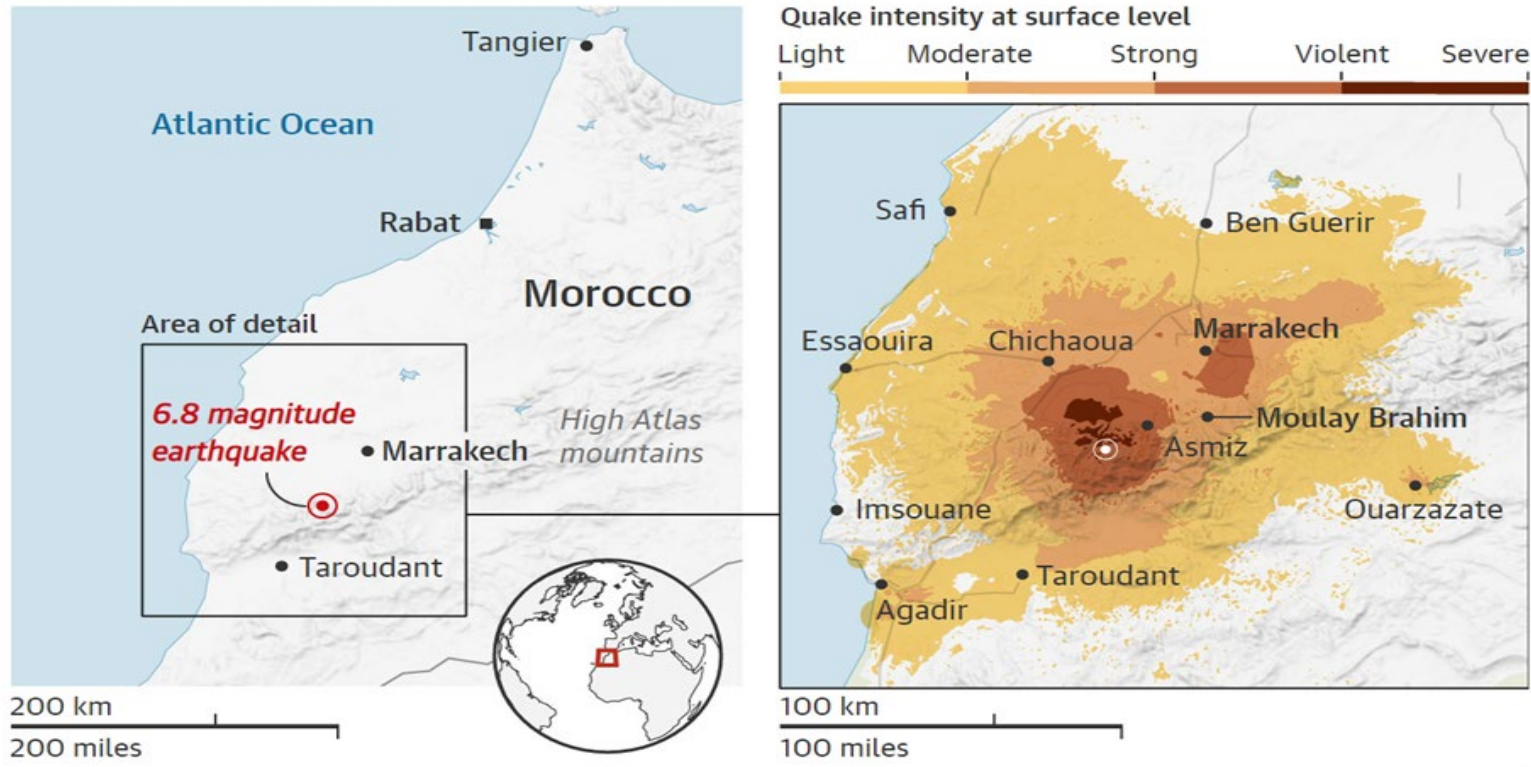




United Kingdom Fire and Rescue Service
International Search and Rescue Team

Earthquake Morocco 08-09-23.

6.8M – Depth 19 KM



United Kingdom Fire and Rescue Service International Search and Rescue Team



**British
Geological Survey**
NATURAL ENVIRONMENT RESEARCH COUNCIL

Earthquake Advisory

Geological Assessment for Morocco

Adassil Earthquake

BGS Risk Rating

High

Headline

A magnitude 6.8 earthquake has occurred in the High Atlas Mountains of Morocco, 75 km southeast of Marrakech, at 22:11 UTC on 08/09/2023.

Impacts

The earthquake occurred in the High Atlas Mountain range, near the town of Adassil in the Marrakesh-Safi region of Morocco and approximately 75 km from the city of Marrakech. The focus was relatively shallow and nearby towns are likely to have experienced very strong or severe shaking. The USGS Pager system estimates that there is a high likelihood of hundreds of casualties and severe damage leading to serious economic losses in the region.

Latest reports suggest hundreds of casualties and many injured. Most of the casualties appear to be in the mountainous region close to the epicentre, although there are also reports of collapsed buildings in Marrakech. These numbers are expected to rise and most of the population in the region live in buildings that are very vulnerable to earthquake shaking. Many towns close to the epicentre are in areas of steep topography that may make them hard to reach and hinder relief efforts.

Aftershocks will affect the region for the weeks to come but their number will rapidly decrease with time after few days.

United Kingdom Fire and Rescue Service International Search and Rescue Team

Mobilisation.



Foreign, Commonwealth
& Development Office

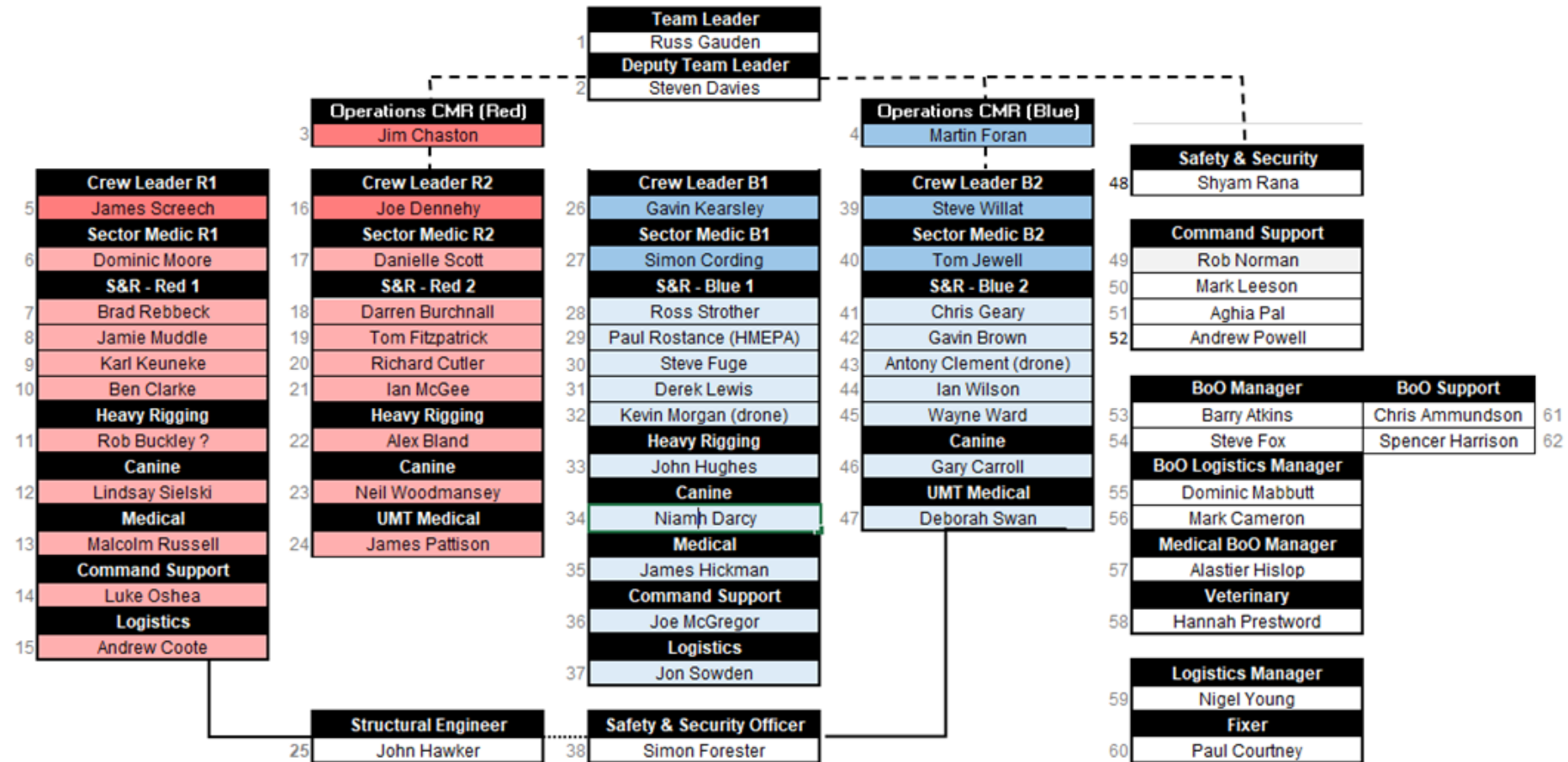


- 6hrs NTM. 4M Rotation
- Command Support cell
- Medical cell
- BoO Cell
- Logistics cell
- Rescue teams x 4
- Search dogs x 4
- Vet
- Structural Engineer.

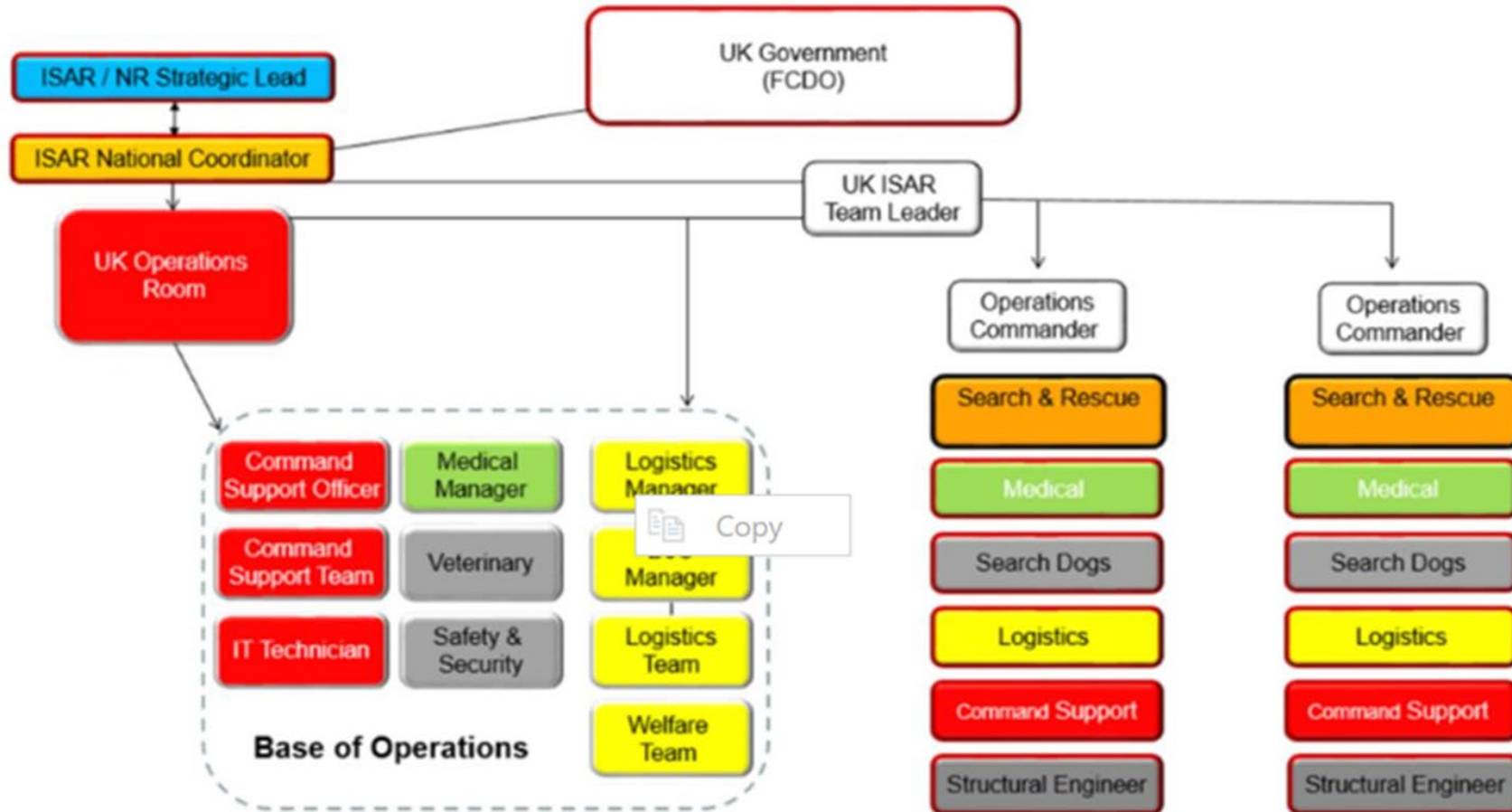


United Kingdom Fire and Rescue Service International Search and Rescue Team

Mobilisation.



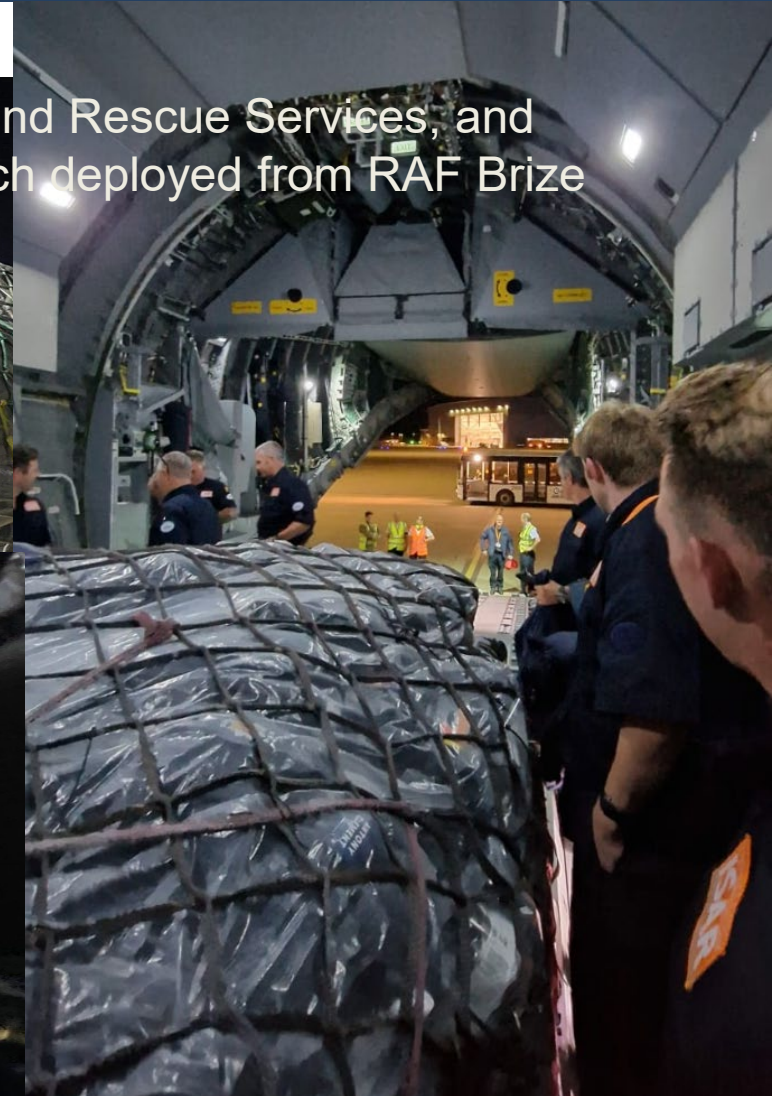
United Kingdom Fire and Rescue Service International Search and Rescue Team



United Kingdom Fire and Rescue Service International Search and Rescue Team

Mobilisation UK ISAR mobilised 10-09-23.

A team of 62 UK ISAR personnel from the 14 Fire and Rescue Services, and four live search dogs deployed, arriving in Marrakech deployed from RAF Brize Norton on two A400 planes.



United Kingdom Fire and Rescue Service International Search and Rescue Team

BoO In Country.

Location: AMIZMIZ-

UK ISAR Base of operations

off the P2009,

Coordinates 31.237642, -8.237183

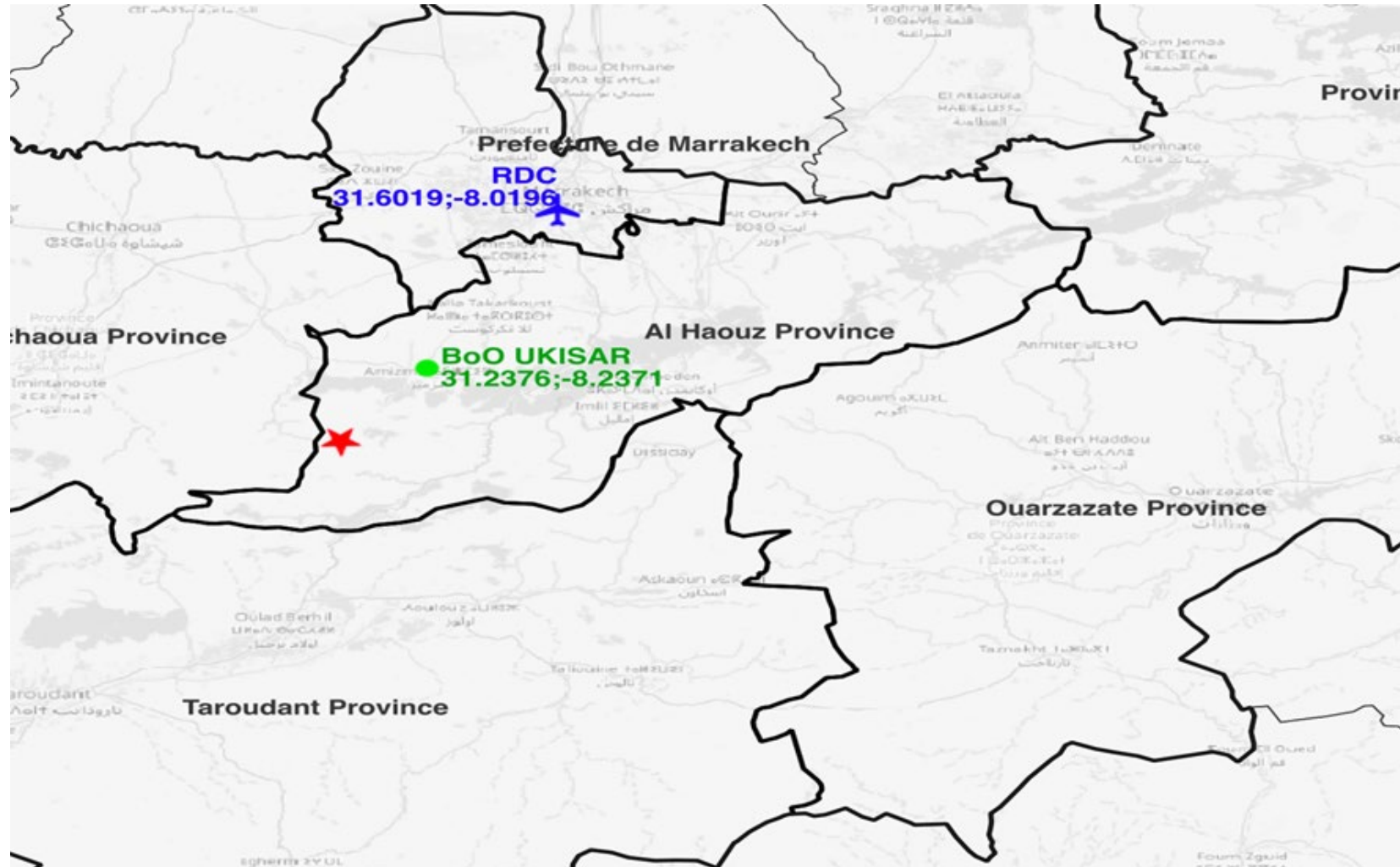


United Kingdom Fire and Rescue Service International Search and Rescue Team

USAR Coordination.



United Kingdom Fire and Rescue Service International Search and Rescue Team



United Kingdom Fire and Rescue Service International Search and Rescue Team



United Kingdom Fire and Rescue Service International Search and Rescue Team

Operations.



United Kingdom Fire and Rescue Service International Search and Rescue Team

Operations.



United Kingdom Fire and Rescue Service International Search and Rescue Team



United Kingdom Fire and Rescue Service International Search and Rescue Team



TEA/COFFEE BREAK



Meeting will resume in 30 minutes



IEC/R Where we stand



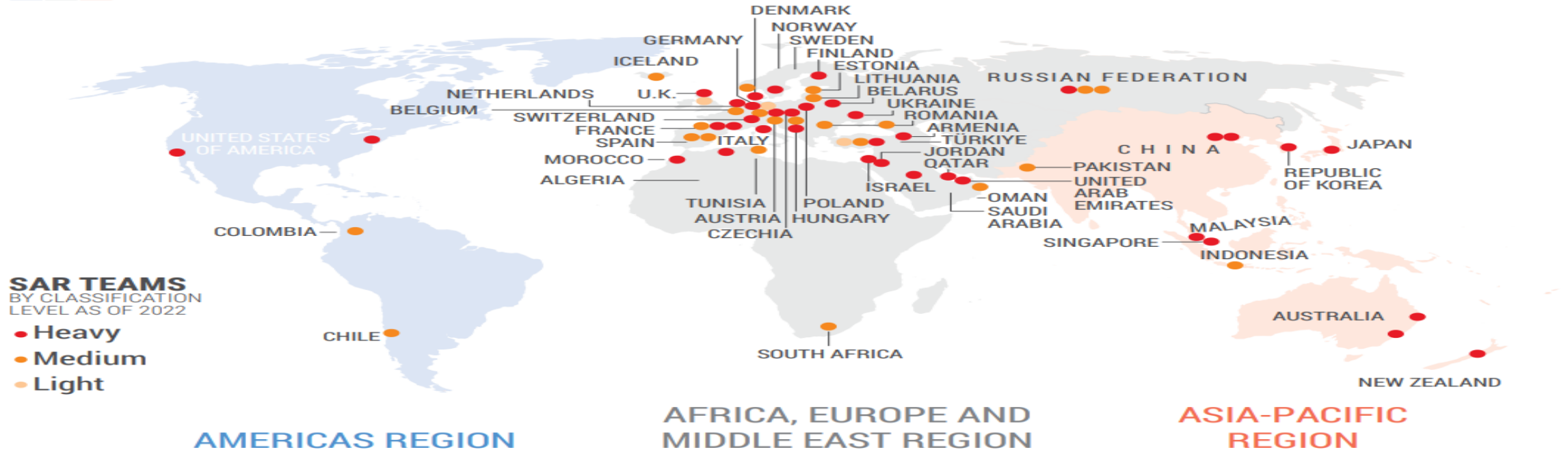
57 GLOBAL TEAMS

Light - 4

Medium - 19

Heavy - 34

INSARAG REGIONS



42 Teams in AEME region

Light - 4

GER-03
CYP-01
TUR-04
GBR-02

All reclassified

Medium - 16

FRA-01
TUR-01
ROU-01
ARM-01
EST-01
RUS-03
TUN-01
RUS-02
HUN-02

9 reclassified
2 to reclassify in 2023
5 extended

Heavy - 22

SAU-01
CZE-01
NLD-01
SUI-01
POL-01
UAE-01
JOR-01
BLR-01
FRA-02
FRA-03
UKR-01

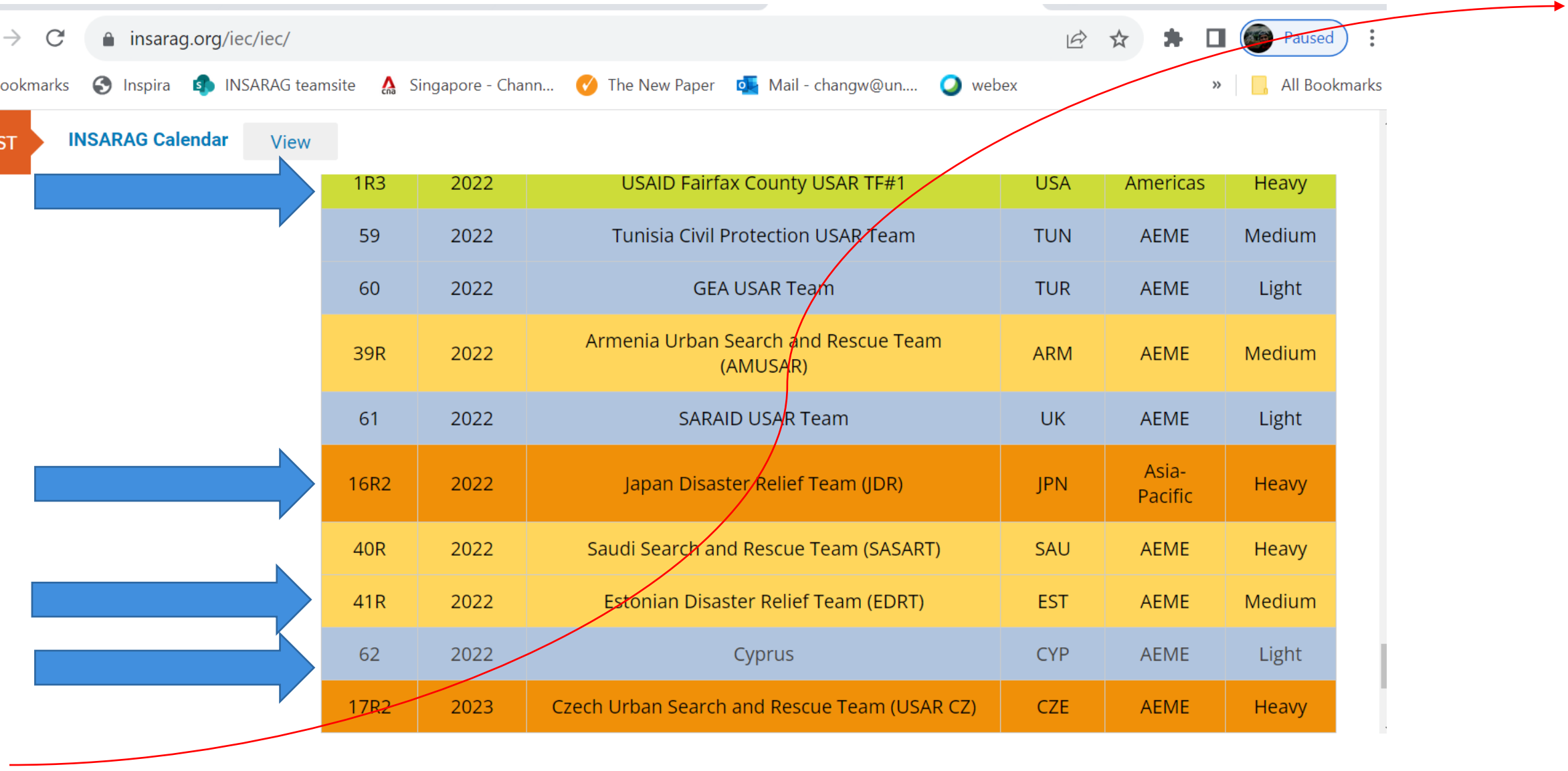
11 reclassified
1 to reclassify in 2023
10 extended

https://www.insarag.org/iec/iec/

insarag.org/iec/ie...
Bookmarks Inspira INSARAG teamsite Singapore - Chann... The New Paper Mail - changw@un... webex All Bookmarks

LATEST INSARAG Calendar View

1R3	2022	USAID Fairfax County USAR TF#1	USA	Americas	Heavy
59	2022	Tunisia Civil Protection USAR Team	TUN	AEME	Medium
60	2022	GEA USAR Team	TUR	AEME	Light
39R	2022	Armenia Urban Search and Rescue Team (AMUSAR)	ARM	AEME	Medium
61	2022	SARAID USAR Team	UK	AEME	Light
16R2	2022	Japan Disaster Relief Team (JDR)	JPN	Asia-Pacific	Heavy
40R	2022	Saudi Search and Rescue Team (SASART)	SAU	AEME	Heavy
41R	2022	Estonian Disaster Relief Team (EDRT)	EST	AEME	Medium
62	2022	Cyprus	CYP	AEME	Light
17R2	2023	Czech Urban Search and Rescue Team (USAR CZ)	CZE	AEME	Heavy





Announcements by Member States and call for nominations



Announcements by Member States and call for nominations

1. All event materials will be uploaded on the INSARAG Website
2. Call for Working Group Members
3. Call for Classifiers and TSG/TRG roster
4. Invitation for UNDAC members to INSARAG Training
5. Regional Troika 2024



Participant survey



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Closing statements

Closing Statements

- **Winston Chang**, INSARAG Global Lead
- Major **Khaled Abdulla Al Hemaiddi**, Deputy Commander, Qatar International Search and Rescue Team.



THANK YOU!