

Organizations involved in creating a "Weather Ready Globe"

| | | | | |
|---|---|---|---|---|
| Weather & Water Related Organizations |  |  |  |  |
| Beneficiary | National Meteorological Services | National Meteorological Societies | HydroMet Equipment Industry | World's Least Developed & Developing |
| Financed by | UN | Donations (Volunteer-Based) | Industry | World's Richest Nations |

IFMS VALUE PROPOSITION

1. **IFMS Uniting and coordinating the activities of National Meteorological Societies (NMSocs) & Associated Societies**
2. **Creating S&T Collaboration between NMSocs**
3. **Creating capacity through Webinars, Education & Training**
4. **Assisting in creating new Societies**
5. **Helping NMSocs in understanding new concepts such Global Weather Enterprise, WMO-OCP Global Campus & WB-GWEF, etc.**
6. **Sharing Best Practices, guiding Certification/ Accreditation Processes,**
7. **And much more – Visit: www.ifms.org**

IFMS Webinar #7 on How to Create an National Met Society April 7, 2021

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Dr. Harinder Ahluwalia
President - IFMS



Mr. Workneh Degefu
Chair-Committee to Create
NMSocs



Dr. Buruhani Nyenzi
IFMS Vice President Admin.



Mr. Ammar Gaber
Chair - Collaboration
Committee

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STRONGER Together



“Unity is strength...when there is teamwork and collaboration wonderful things can be achieved “

Maria Skrzypczak

IFMS BRINGING NMSOCs TOGETHER TO
LEVERAGE EACH OTHER'S STRENGTHS

Coming together is a **beginning**,
staying together is **progress**,
and working together is **success**.

- Henry Ford

Goalcast



WMO

Agenda For the Webinar – Creating NMSocs & Collaboration

Dated April 7, 2021

1. Welcome to attendees by **Dr. Buruhani Nyenzi**
– IFMS – VP Administration 5 minutes
2. Presentation by **Dr. Harinder Ahluwalia**
– IFMS - President: Presenting how to Create NMSoc 30 minutes
3. Presentation by **Mr. Workneh Degefu**
– Chair - Committee for Creating NMSocs 15 minutes
“Our Experience in Creating EtMS and keeping it going”
4. Presentation by **Mr. Ammar Gaber**
– Chair – Collaboration Committee 15 minutes
“IFMS Approach to creating Collaborations”
5. Q&A Moderated by Dr. Buruhani Nyenzi 23 minutes
6. Wrap-up 2 minutes

Actions speak louder than words!



Grow with Collaboration

There is no point in dreaming if we do not work hard to Make it happen! .



Organizations involved in creating a "Weather Ready Globe"



National
Meteorological
Services

Financed by
United Nations



National
Meteorological
Societies

Financing being
Sought



HydroMet
Equipment
Industry

Financed by World's
Richest Nations



World's
Least Developed &
Developing Nations

Industry

Importance of Creating National Met. Societies



**International Forum of
Meteorological Societies**
**uniting National Hydromet
Societies**



Building Capacity around the World through NMSocs & Collaboration



Creation of a National Meteorological Society

An IFMS Presentation made by:

Dr. Harinder Ahluwalia

President - IFMS



Protecting Society at Large from Adverse Weather – Needs Accurate Weather Forecasting

1. Firstly, a major part of any Nation's **economy** depends upon accurate weather forecasting.
2. Secondly, Global Warming is Causing Climate Change (**GW&CC**) resulting in **multitude of disasters**.
3. Accurate Weather Forecasting is required to **improve economy** and in case of any disaster to **get out of the harms way**.
4. **Capacity in terms of Infrastructure and Knowledge** is crucial to achieve that.
5. In addition, building **Institutional and Societal Capacity** is necessary.
6. **NMHSs** and National Governments are **primarily responsible for this**, but due to limitations on funding and available manpower, they could use the assistance of other resources such as NMSocs for capacity Building.



Creating a WRN - Weather Ready Nation

1. **Building capacity to do accurate weather forecasting requires**
 - a) Building Infrastructure
 - b) Building Capacity in terms of knowledge through Education and Training to be able to do accurate WF.
2. **Building Institutional & Societal Capacity to safeguard life & property of citizens requires Information & Training.**
3. **Institutional Capacity means Governments to have ability to take appropriate actions in case of WR Emergencies.**
4. **Societal Capacity means Public to understand what to do in case of emergencies.**
5. **Educating and Convincing Governments to invest money in these activities requires educating Politicians.**
6. **Public support is crucial for funding by Governments.**



Case for Creation of NMSocs



- Although **Educating** various segments is **the job of NMHSs**, that is a lot of work which cannot be done just by an NMHS because of **limited funding & Resources**.
- **Help is required to share all that work.**
- **Who better than a NMSoc** to help - a political organization working with volunteers and reasonable amount of funding support and recognition by NMHSs can do wonders.
- **NMSocs not only share knowledge through publishing, through webinars, E&T courses but also provide as a forum for networking, discussions and creating S&T Collaborations.**
- In other words, although independent, yet **they are the two sides (NMHS and NMSoc) of the same coin** engaged in creating a Weather Ready Nation (**WRN**).



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What are NMSocs? A forum for Bringing Professionals together

Forum for Professionals from (PPA):

- **National Meteorological & Hydrological Services (NMHSs),**
- **Academia**
- **Private Sector organisations**

To network and learn from each other's experience to increase the local Capacity.



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National Meteorological Societies

PUBLIC SECTOR

ACADEMIA

**National
Meteorological
Society**

PRIVATE SECTOR

Potential of PPA
Collaboration





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Forum for bringing Professionals together

- To **interact, exchange ideas** and **cooperate** on a wide range of **R&D & operational** activities.
- **Promotion of meteorology and its related professions, and**
- The **capacity of an NMSoc** to tap into the broader community that can be **affected frequently and in multitude of ways** by the **vicissitudes of weather and climate**: (an unwelcome or unpleasant change of Weather and Climate)



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STRONGER Together



“Unity is strength...when there is teamwork and collaboration wonderful things can be achieved”

Malcolm S. Stephens



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and working together is **success**.

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Goalcast



WMO



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NON-GOVERNMENT ORGANIZATIONS BUILDING CAPACITY

IFMS has 41 members
& many represented
through their RMSs -
others are being
encouraged to join

There are 193 WMO
Members. There are 71
NMSocs + 3 RMSs and 6
Specialized Societies (SSs).
Out of that 33 NMSocs are
direct members, and 2
RMSs are also members + 6
SSs and WMO are
members.

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RMS

EMS, FLISMET &
Now AfMS

Without Having
an NMSoc, you
will miss strong
NGO Network

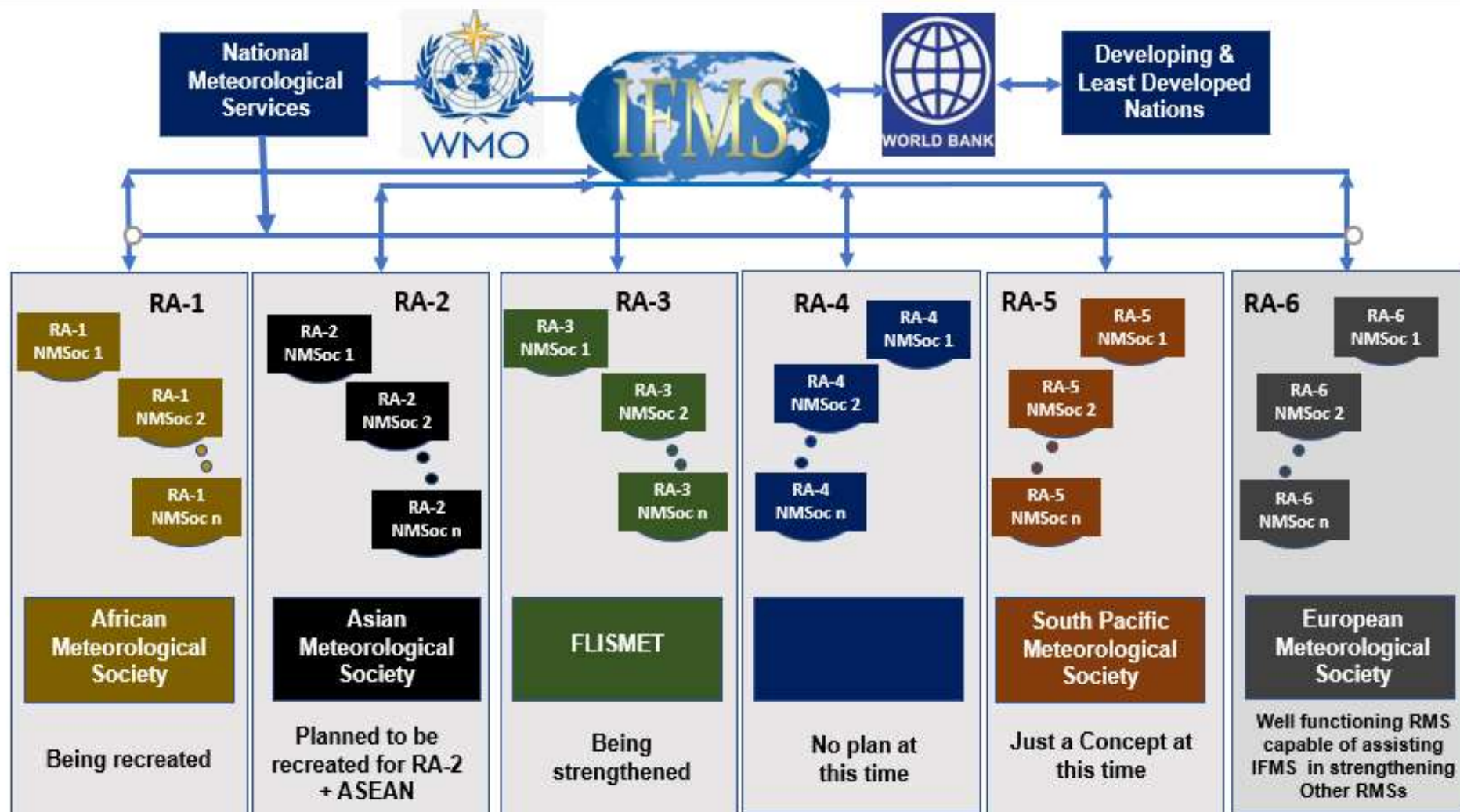
NMSOC

Associate Members:
IAUC, IABM, IAMAS,
ISB, AGU & ACM



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Interaction through various Channels



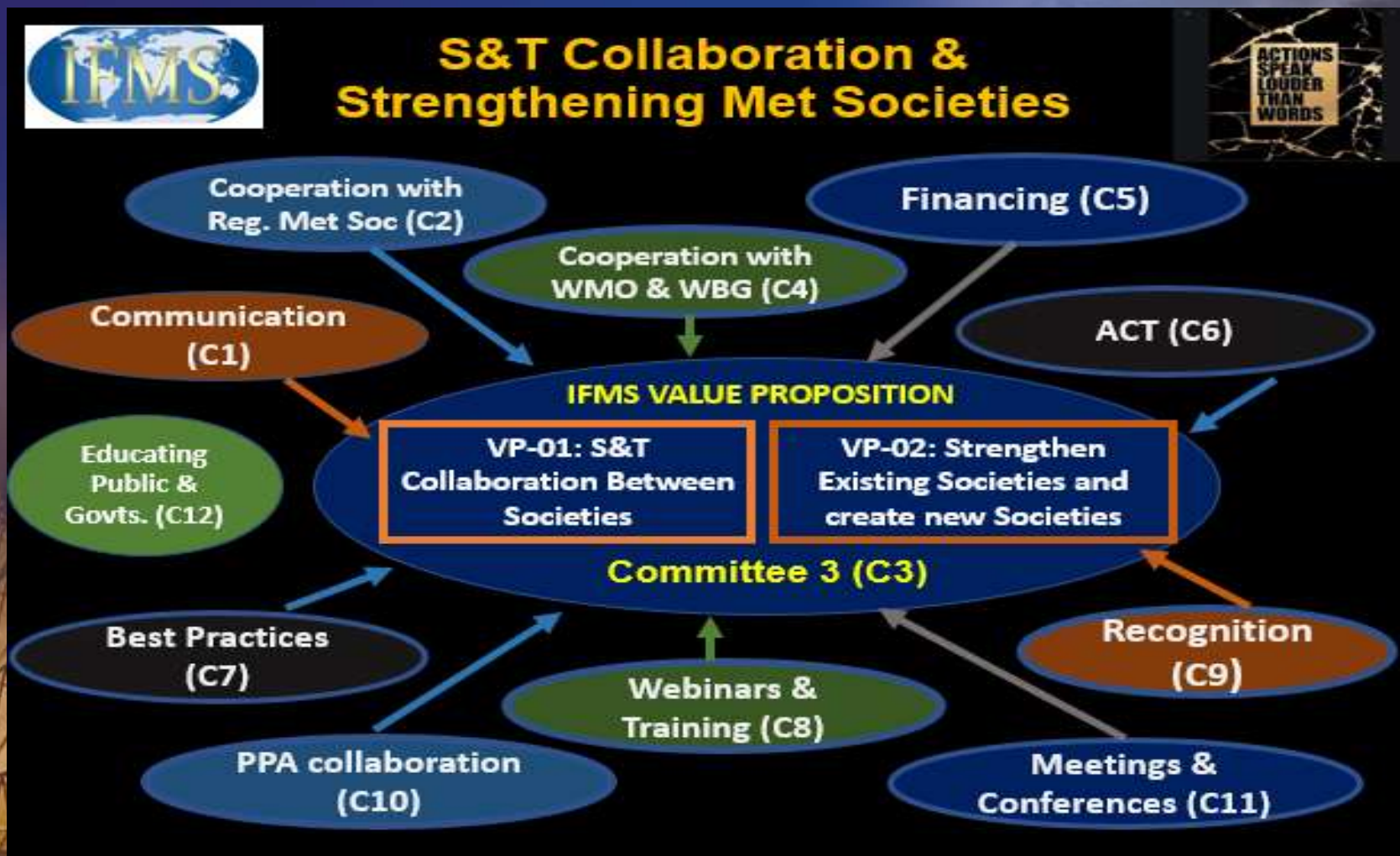
NMS: National Meteorological Service

NMSoc: National Meteorological Society

RMS: Regional Meteorological Society



IFMS Value Proposition Committees





IFMS COUNCIL

2018-2021



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President



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Vice-President - Finance



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Dr. Kathy Allen (AMOS)
Council Member Region V



Prof. Liz Bentley (RMetS)
Council Member Region VI



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IFMS – RMS Forums for bringing Professionals together

- **IFMS consists of Societies from all over the world - many of which are very well developed & strong, others are developing.**
- **IFMS provides you, international perspective and collaboration opportunities.**
- **Regional Meteorological Societies (EMS, FLISMET, AfMS, etc.) are there to cover Regional Perspective.**



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IFMS – RMS Forums for bringing Professionals together...cont'd

- **What is the strength of IFMS:** It can provide a wealth of knowledge and experience by drawing from its member societies – both developing and developed.
- Hence it is recommended that one of the first steps in establishing a National Meteorological Society is to seek formal recognition of the intent from the IFMS. It is also important to show intent to join RMS.
- In providing a forum for meteorological and related professionals to interact, several benefits arise; some quite quickly and easily, with others evolving over time as the Society grows and matures.



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Enhancement of cooperative networks

- **Networking** is critical for nurturing and ongoing advancement of ideas.
- For most professionals, creating and **developing cross institutional relationships** are integral components of their personal development and the effectiveness of the institutions to which they belong.
- **One of the most effective mechanisms** employed by professional societies for promoting **cross-institutional collaboration** is through the staging of **annual conferences**, which typically cover a broad range of topics, and sponsor symposiums on specific topics of broad interest.
- **Mentoring** and eventually job finding can be facilitated by a NMSoc



Broadening of Knowledge

- **Professional development**

- ✓ Many established National Meteorological Societies, in addition to the **staging of conferences and symposiums**, offer professional development opportunities through short courses, workshops, Webinars and publications on research results and operational activities.
- ✓ Publications (NL & journals) may be in the form of hard-copy or on-line.

- **Community outreach**

- ✓ As a National Meteorological Society develops, it can begin to **offer courses, seminars and/or lectures to the broader community on research findings** and on the latest industry innovations and trends.
- ✓ The development of “Authoritative Statements” by a National Meteorological Society on matters of general public interest can be a valuable contribution to discourse on topics of national concern, e.g. severe weather, climate variability, and climate change.



Sharing Knowledge Through Usage of Social Media

- Many organisations have embraced **Social Media** as a means of communicating more informally, **especially to people beyond their primary constituency.**
- Adoption of Social Media and indeed of any on-line system as a means of communication requires **careful planning, ongoing management skills and adequate resources.**



Mentoring & Other Assistance for Career Building ...Grow your Network

- **Mentoring** - a cornerstone activity of many professional societies
- Involves the pairing of a **younger member** with limited experience to someone **much more experienced**.
- Mentoring is a **two-way process** and can provide great rewards to both sides of the relationship.
- Participating in forums, **chat groups or discussion boards** sponsored by an association is also a great way to grow a **network**.
- These mechanisms allow one to use **peers as sounding boards** and can **lead to fruitful long-term collaboration**.



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Mentoring & Other Assistance for Career Building

- For the youngest of Society's members (high school and college), the **availability of a scholarship** may be the primary avenue for entering a profession.
- Hence, if resources are available, **Scholarships can be an effective way** for a National Meteorological Society to assist those interested in entering a meteorological or related career.
- The establishment of **awards for individual achievement in selected areas** can also provide **incentives** for furthering one's professional development.



Professional Accreditation/Certification

- Some NMSocs conduct Professional **Accreditation / Certification** Programs, which are very useful for ensuring the quality of professionals operating within a country.
- **Accreditation or Certification provides assurance and confidence to an employer** that a current or prospective employee has attained the necessary knowledge, skills and competence to carry out certain tasks.
- However, establishing such programs can be a **lengthy process and their ongoing management and operations quite onerous.**
- **Larger societies such as the AMS and the UK RMetS and CMOS have developed such Certification Programs.**
- For smaller societies, **Regional Societies** might be able to provide such a service to their regional Members.



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CREATING NMSOCs

How can you create NMSoc



**No matter how Big or Small your
Country or Professional Community is,
you can have an NMSoc?**



First Steps to Create a NMSoc

- There is **significant diversity** amongst the meteorological societies and other related organizations comprising IFMS membership.
- **Consequently, there is much in the way of guidance and examples available to assist in the establishment of a new society.**
- In this presentation we propose some **best practices** to follow in the **establishment** of a National Meteorological Society (**NMSoc**).



What you need to start with

- All new institutions initiated from the ground-up, **start small**.
- **Strong Commitment from NMHS** and if there are **local Universities teaching Meteorology**, they would be useful partners.
- Would be great if there is also **Private Sector** companies.
- **From these sources**, there will need to be a few **key people** with the **passion** (and hopefully the **endurance and persistence**) to see the new entity emerge and become a fully recognised society with the potential to **serve** both its **membership and the wider community**.
- Getting the **support of Institutional entities** and **identifying** these **key people** and establishing an **initial management structure**, which will likely go on to form the **founding committee**, is clearly a key step.



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A Real Leader (Engine) Required

- Initiative should start from the NMHS Director, some Professors & other senior people in the field in your country – more the merrier.
- **Let's call them Initiators.**
- Look for an Engine – a dedicated person (let's call him/her "Lead") with determination **who does not get deterred because of issues, setbacks**, etc. which will be encountered.
- Lead must be a well respected person and a:
 - ✓ *Good Planner*
 - ✓ *Good Manager of people and tasks*
 - ✓ *Capable of attracting approximately half a dozen people to assist*
 - ✓ *Good connections with the NMHS.*
- Find at least half a dozen people to assist – let's call the Promoters.



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Scope of the new society's interests

- Meteorology involves several basic scientific disciplines, notably mathematics along with several branches of physics such as fluid dynamics, thermal radiation, and thermodynamics.
- Furthermore, meteorology is allied to several other disciplines that also draw on a similar range of basic sciences, such as oceanography and hydrology.
- Meteorology in turn is often included in other broader disciplines such as geography and environmental sciences.
- Traditionally, climatology has been considered to be a branch of meteorology although in recent years this interpretation has been less strictly observed.



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Scope of the new Society's interests...cont'd

- ✓ In establishing a new society, it will be helpful to reflect in its name the scope of the society's intended interests. For example, in addition to "Meteorological Societies", which may in fact be **broader than strictly meteorological in scope**, the IFMS has the following amongst its membership:
- ✓ **Australian Meteorological and Oceanographic Society (AMOS)**
- ✓ **Canadian Meteorological and Oceanographic Society (CMOS)**
- ✓ **Geophysical Society of Finland (GSF)**
- ✓ **Portuguese Association of Meteorology and Geophysics (PAMG)**
- ✓ **Society of Hydrologists and Meteorologists - Nepal (SOHAM)**
- ✓ **South African Society for Atmospheric Sciences (SASAS).**



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Membership

- An inventory of organizations from which members can come is an important first step in gauging the future scope of the society's membership.
- The organizations may be based within government, academia, or the private sector and even NGOs.
- Indeed, much of the value of a Meteorological Society will lie in its capacity to draw on all three sectors and act as an effective mechanism for cooperation across a wide range of matters of national interest relating to weather, water and climate.
- Many developing countries do not have much of Private Sector – we plan to do a Survey on that.



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Membership...cont'd

- It will be critically important to **obtain the backing of these organizations in establishing the society.**
- Such support could include some **seed funding**, the realisation of which may require the **submission of a formal proposal.**
- In order to broaden the membership of the Society, consideration could be given to various **categories of membership** – Associate Members also those who do not have professional qualification in meteorology or related discipline but are very interested in meteorology.
- Having both, however, may lead to the need for **managing two activity streams** that target the needs and interests of the different membership categories.



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Incorporated or Unincorporated

- While there will be differences in governing regulations from country to country, an incorporated association is generally regarded as a registered legal entity, usually established for professional, recreational, cultural or charitable purposes, and not as a profit-making enterprise.
- It will have a **minimum number of members** and all **surpluses** (income minus expenditure) will be used to provide further support for the association's future activities.
- **Incorporation** makes an association a **legal entity** that is independent of its individual members, thus making it **easier for the organisation to enter into contracts**.
- **Such a structure offers many benefits to suitable organisations.**



Benefits of Incorporation

- Incorporation will allow an association to:
 - *Continue regardless of changes to membership*
 - *Accept gifts, bequests and grants*
 - *Buy and sell property*
 - *Enter into enforceable contracts*
 - *Sue or be sued*
 - *Invest and borrow money.*



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Benefits of Incorporation...cont'd

- An **incorporated association** can be established for any **legal purpose**.
- Registration is usually inexpensive and it's relatively easy to establish and operate – **surpluses** will generally **not be subject to taxes**.
- However, **surpluses** must be applied to the objectives of the **association**.
- There will typically be an **annual financial reporting requirement** to both the **members** and to the **relevant local authority** which may attract a **professional fee**.
- **Incorporating an association may not be compulsory** in a jurisdiction. **However, incorporation has advantages**.
- If you do incorporate, there will be rules to follow.



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Finances Required for..

- 1) Operation of the Secretariat and some travel expenses of the Secretariat personnel,
- 2) Publication of the Newsletter & for larger societies an S&T Journal.
- 3) Travel expenses of one or more officers for participation in IFMS & RMS Meetings,
- 4) Conducting Conferences which normally make some money for the NMSoc.
- 5) It is to be noted that most of the activities can be taken care of by volunteers – accounting, Website, production of publications in softcopy; etc.



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How to Finance the Society

- The establishment of any organisation from scratch will require some **seed funding** to support the work required to bring the structure into existence.
- The potential sources of seed funds will vary from country to country but could include **direct donations from government, academic or corporate entities** that can see benefit in supporting the society's establishment.
- Such donations could be monetary or in-kind, with the latter including use of *office space, staff time, meeting room access, and use of equipment, e.g. computing and communication facilities*.
- The securing of seed funds may require the development of a **formal or informal proposal including a Value Proposition**.



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Steps to Create a Society in a nutshell

1. A few **professionals supported by NHMS** and some local **Universities** decide the need for an NMSoc.
2. A core team is formulated.
3. The **Society Name & activities** are decided and a **Constitution** is prepared.
4. Meeting (s) are held to **finalize the Constitution and Register** the newly created Society.
5. **Bank Account** is created.
6. **Council and Committees** are created.
7. Based on activities **Financing Committee** makes a **Budget &** decides sources of funding.
8. **Funding sought and collected.**
9. **Prioritize activities and start carrying them out.**



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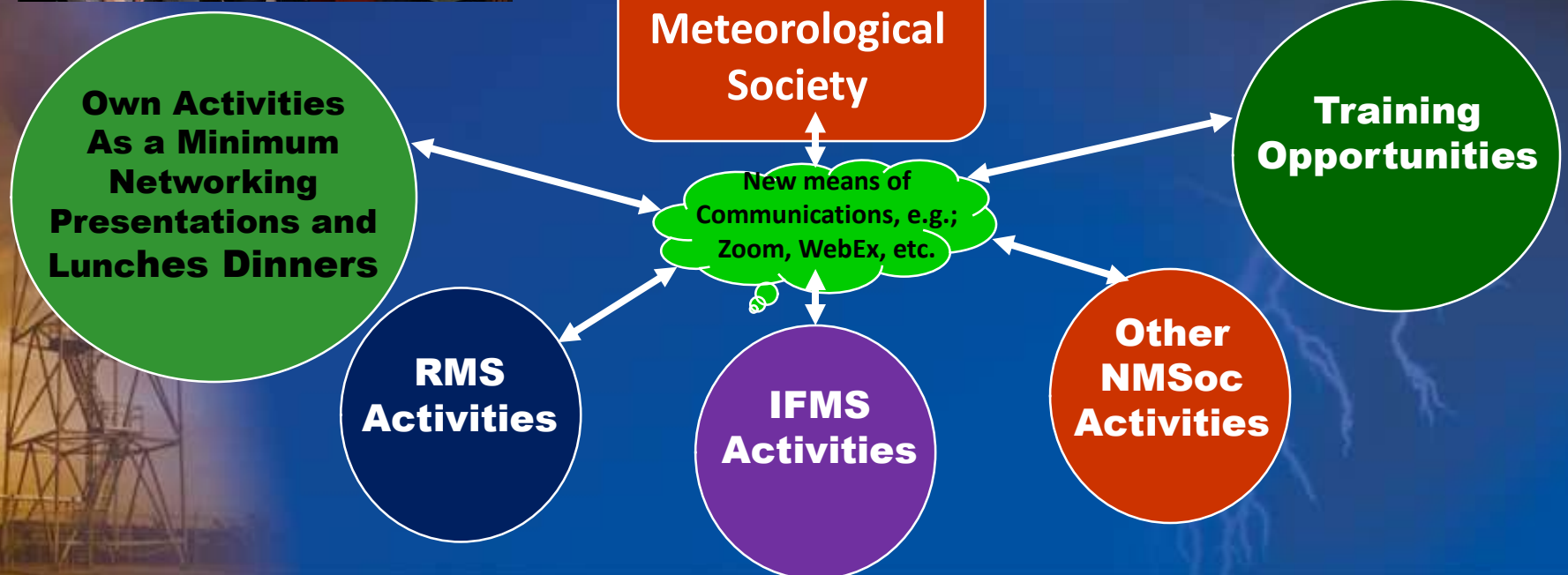
Every Country should and can have an NMSoc

- No matter what the size of your country or your professional community, you can have an NMSoc because of:
 - *Activities of International (IFMS) and Regional and/or Subregional Society (e.g. EMS, AfMS, FLISMET, etc.)*
 - *Availability of new means of information communication – Zoom, WebEx, Google Meet, etc.*
 - *Availability of a variety of Webinars from various organizations and Courses from COMET.*
 - *Availability of on-line Training Programs*
 - *Implementation of New Ideas such PPA Collaboration, GCI*
 - *Realization on the part of NMHSs about utility of NMSocs.*



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Every Country should and can have an NMSoc





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Every Country should & can have an NMSoc..cont'd

- With so many common activities, from **IFMS and your RMS** which can be shared, you can already have a Value Proposition.
- Add to that an **occasional get together** for local presentations and lunches or dinners, recognitions, etc. That itself is a big incentive.
- Just keeping track of **activities** available through **IFMS and your RMS** that itself is a sufficient incentive to create an NMSoc in your country.
- **Your NMHS should encourage you to have one.**



Myths

(a widely held but false belief)

1. NMSocs will compete with NMS.
2. NMSocs are hard to sustain.
3. Why should Government help NMSocs and not other societies.
4. Finances required are difficult to arrange – Yes and No – with proper value proposition finances could be collected.
5. Difficult to find Volunteers – Yes and No – **strong Value Proposition & proper management of volunteers** can produce wonderful results.

IFMS

Power of Conviction



*One man with conviction will
overwhelm a hundred who have only
opinions.*

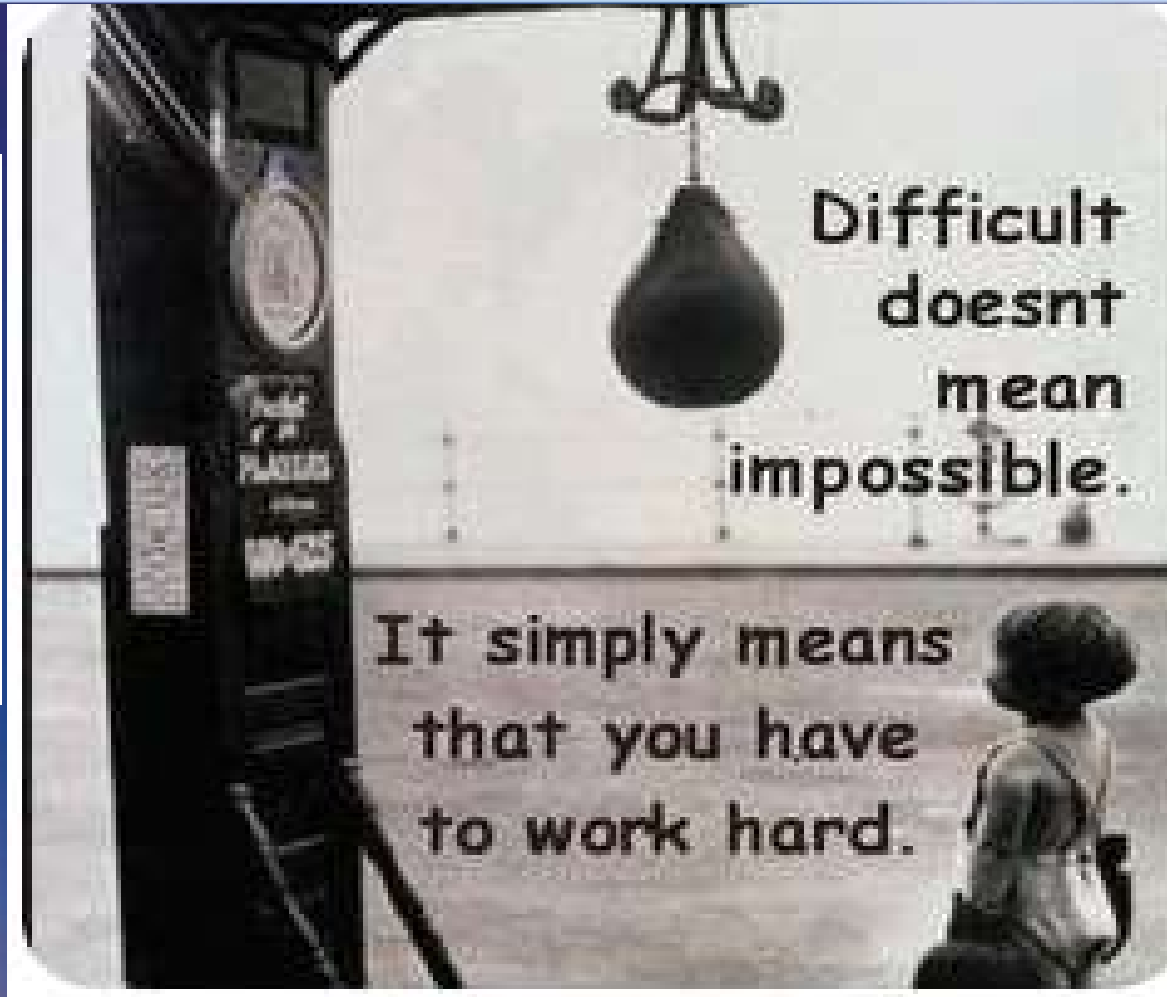
WINSTON CHURCHILL

quote
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IFMS

**Hard Work & Persistence can make
most difficult things happen successfully**

IF IT IS IMPORTANT
TO YOU, YOU WILL
FIND A WAY.
IF NOT, YOU'LL FIND
AN EXCUSE.



A RIVER
CUTS THROUGH
A ROCK
NOT BECAUSE
OF ITS POWER
BUT ITS
PERSISTENCE





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Conclusions

- Accurate Weather Forecasting is a key to economic Activity as well as protecting our population against Global Warming and Climate Change.
- Accurate weather forecasting requires Physical Infrastructure **for monitoring** and **Capacity in terms of knowledge** and trained people who can provide quality forecasts.
- National Governments must provide **sufficient funding for creating infrastructure and capacity** – WB has complained that even after they invest in infrastructure, National Governments do not provide sufficient money for maintaining it.
- Protecting population against GW&CC also requires **Institutional Capacity and Societal Capacity**.



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Conclusions ... Cont'd

- NMSocs - Independent volunteer-based entities many with membership from PPA sectors - have a **very important role to play in the development of strong GWE – AMS prime example.**
- NMSs should see NMSocs as the other side of the same coin helping them to build Capacity by various events and with Regional and International Collaboration.
- **To become a member of RMS/IFMS – you must have an NMSoc.**
- EMS strong but FLISMET and AfMS will take some time to be strong. **Asian Meteorological Society** still to be developed – **SAMA** created.
- **IFMS' coordination capability** to leverage the strengths of developed societies to strengthen developing societies and create collaborations is unique and very helpful for GWE development.



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Conclusions ... Cont'd

- NMSocs provide all the benefits discussed in this presentation for an optimum expenditure – therefore, **any financial support to NMSoc by NMHS is in their self interest.**
- **All local professionals and NHMSs and National Governments must support these organizations – NMSocs.**
- Given the existence of extensive potential support through IFMS and NMSs and potentially NMHSs and National Govts.as well as availability of online tools (Zoom, WebEx, etc.) **every country no matter how big or small can have an NMSoc.**
- **Coordination between NMSs and NMSocs – YES**
- **Subservience – NO.**
- **That is to the benefit of both entities and GWE.**
- **To achieve all that we will have to go an extra mile.**

A scenic landscape of a mountain valley. In the foreground, a calm river flows through a lush green forest. The river reflects the surrounding trees and the sky. In the background, steep, rocky mountains rise, their peaks partially covered in snow and surrounded by dense evergreen forests. The sky is a mix of blue and white clouds. The overall scene is peaceful and majestic.

"The limits of the possible can only be defined by going beyond them into the impossible."

--Arthur C. Clarke

**It's never crowded along
the extra mile.**

Wayne Dyer

And that is where success resides



THE STORY OF THE ESTABLISHMENT & OPERATIONS OF THE ETHIOPIAN METEOROLOGICAL SOCIETY

PRESENTED BY

WORKNEH DEGEFU

**CHAIR COMMITTEE ON CREATION OF NATIONAL
AND REGIONAL METEOROLOGICAL SOCIETIES**

7 APRIL 2021



How did We Start Off...

- 1. In 2007, we, a few professionals in the field of meteorology, came together and discussed the need to establish a meteorological society in Ethiopia,**
- 2. We nominated 7 professionals to serve as founding members of the Society,**
- 3. We drafted a constitution based on Ethiopia's laws that govern professional/civil society organizations and got it endorsed by 7 founding members**



Appointment Of Officers & Registration Of EtMS

4. **We Elected from among the founding members the provisional officers of the /society, e.g. President, Vice President and Executive Secretary, based on the draft constitution.**
5. **We contacted other established professional societies in Ethiopia to obtain advice and guidance – now of course you can get that advice through IFMS.**
6. **We then registered the Society with the responsible Agency.**



Seeking the support of Ethiopian Met. Service & recruiting Members

- 7. We approached the Ethiopian Met. Service to obtain support such as office space, used furniture, computers and other office facilities. We also Signed an MoU of collaboration with the National Met. Service**
- 8. We then recruited members of the society, initially focusing on meteorologists and hydrologists actively working within the National Met. Service.**



Preparation ...Cont'd

9. We arranged with the National Met. Service to automatically deduct from members' salaries membership fees.
10. We prepared internal regulation of the Society detailing procedures on how to run the Society.
11. We opened a bank account for the Society.
12. Currently, we have approximately 200 members.



General Body Meeting Called

We called the 1st General Assembly to:

- 1. Approve the internal regulation,**
- 2. Elect officers of the Society formally,**
- 3. Establish standing committees for:**
 - a) Training & Research,**
 - b) Newsletter and Journal editorial Boards,**
 - c) Social Committee, etc. based on the needs of the Society**



Some of the Objectives Of our Society

1. Contribute to the promotion of the improvement and modernization of the science of meteorology, hydrology and atmospheric sciences in Ethiopia;
2. **Promote research in the field of meteorology and allied sciences;**
3. Carry out capacity building activities so that its members are armed with the state of the art in their professional field;
4. **Ensure that meteorology and allied sciences are applied for the economic development of Ethiopia;**
5. Issue a scientific Journal periodically;
6. **Create awareness among the public in Ethiopia regarding the benefit of meteorological science; and**
7. **Promote close association among its members.**



Challenges faced by EtMS

1. Resource/financial, office space and equipment limitations
2. Membership retention and attraction of new members are problems
3. Limitations to carry out capacity building activities through scholarship awards and provision of short term trainings to members; assisting members to attend training seminars and workshops
4. Coordination, cooperation and interaction limitations with government institutions working in the area of meteorology, climate change and environment nationally
5. Tight government regulations governing professional societies particularly to mobilize resources from outside the country. However, this problem is now resolved with the new proclamation enacted by parliament.



Resolving Financial Challenges

To address the problem of lack of financial resources:

- 1. We started organizing seminars & conferences on behalf of foreign Institutions and charged them for a certain percentage of the total budget of the conferences as service fee.**
- 2. This covered quite a lot of the operational expenses of the Society.**
- 3. We also organized a successful appeal to members of the Society and others to pledge financial support to the Society.**



Resolving Other Challenges ...

cont'd

1. Membership retention and attraction of new members are problems, however, we are trying to resolve these problems;
2. Limitations to carry out capacity building activities through scholarship awards and provision of short term trainings to members;
3. Assisting members to attend training seminars and workshops. In this regard we instituted scholarship and training awards to promising young members of the Society who want to advance their carriers in meteorology.
4. We also encourage members to take on-line training to improve their capacity.



Resolving Other Challenges ...

cont'd

5. We also encourage researchers to publish their research work in our journal.
6. Writing letters of support and recommendations to members who endeavour to obtain scholarships to pursue studies at local and foreign universities.
7. These actions help demonstrate the benefits of being member of the Society and helped to retain members and attract new ones.
8. We are also know the existence of IFMS, AfMS and modern communications means through Zoom, WebEx, etc. which will help us in increasing activities and hence membership.



Achievements of EtMS since its Establishment

1. Organized several awareness seminars
2. Organized 11 EtMS General Assemblies
3. Was designated by the University of Nebraska, USA, and organized 3 workshops on Extreme Hydro-Meteorological Events in the Horn of Africa
4. Attended several national and International meetings, workshops, conferences at national & international levels.
5. Published Proceedings of the above mentioned conferences and workshops



Achievements of EtMS since its Establishment ...cont'd

6. Published 4 Journals and issued 15 Newsletters
7. Prepared in collaboration with the National Meteorological Agency of Ethiopia "Guide for Users of Meteorological Information"
8. Awarded about 20 fellowships mainly to its members to assist in the completion of their post graduate research work
9. Organized 6 excursion tours for the benefits of its members to various sites of interest in Ethiopia
10. Provided testimonial and recommendation letters to its members for the purposes of supporting their scholarship, employment, visa, etc. requests.
11. Now EtMS is strongly assisting in creation of the AfMS-SMA.



Conclusions

1. In conclusion, we have gained a lot by creating this Society e.g. most basic part is networking, this Society is allowing us to get together and discuss issues and create collaboration with our colleagues.
2. All the activities we have been able to do would have been impossible to do without having a Society – the focal point for all our professionals to call it our second home.
3. We believe that we have achieved a lot in the past 14 years and now with AfMS, IFMS and modern utilities of having Meetings, Webinars and Conferences online, we can achieve a lot more.
4. When you create your NMSocs, challenges will be there, but with collective thinking and resolute mind, we have been able to resolve many of them and so will you and we plan to keep on improving our services.
5. I strongly recommend creating a Society in your country – especially as Harinder has stated that you can have a society no matter how big or small your country is.



Thank you
for your
attention



*Je vous
remercie de
votre aimable
attention*



International Forum of Meteorological Societies

Creating NMSocs Webinar

IFMS and its Approach to Support Collaboration

Ammar GABER

IFMS General Secretary

April 7, 2021

Why to Collaborate?

Share something with others/ need something from others

To meet some needs

Overcome obstacles

Develop the society in a particular way

Obtain competence/position/ upgrade skills

Objectives

To advance the science & technology and profession of meteorology

Establish/strengthening linkages between professionals from
different societies arranged through IFMS

National Meteorological Societies Needs?

Financial support.

Task force (experts & volunteers)

Exchange of knowledge and lesson learned

Scientific publication and networking

National engagement with similar/shared objectives entities

Policy makers recognition/support

Media partnership

Areas of Collaboration

A blue-outlined cloud shape containing the text 'Conferences'.

Conferences

A blue-outlined cloud shape containing the text 'International Opportunities Available'.

**International
Opportunities
Available**

A blue-outlined cloud shape containing the text 'Education & Training'.

**Education &
Training**

A blue-outlined cloud shape containing the text 'International Opportunities Requested'.


**International
Opportunities
Requested**

A blue-outlined cloud shape containing the text 'Research in Science and Technology'.

**Research in
Science and
Technology**

Identify the area of collaboration that suites your society, fill up the request for and send it to ifms.collaboration@gmail.com



 Select Language ▼

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Collaboration

If you are interested in collaboration in (1) Research, (2) Conference, (3) International Opportunities Available and (4) International Opportunities Requested, please Identify the collaboration type (one of the above) and forward the following information to the email address: IFMS.Collaboration@gmail.com.

Research

Please send the Request with the following information to IFMS.collaboration@gmail.com.

- a. Name of the Requestor of Collaboration:
- b. Name of Requestor's Society:
- c. Country of Requestor:
- d. Unless it is an open invitation to all Societies, please specify the names of the preferred countries from where collaboration is sought:
- e. Short description of requested Collaboration
- f. Your email address:

Conferences

Collaboration levels

National:

Within a country with local partner/s

Regional:

With specific region or continent with regional or international partner/s

Global:

Across the continents with regional or international partner/s

IFMS Collaboration

Offer collaborate opportunities

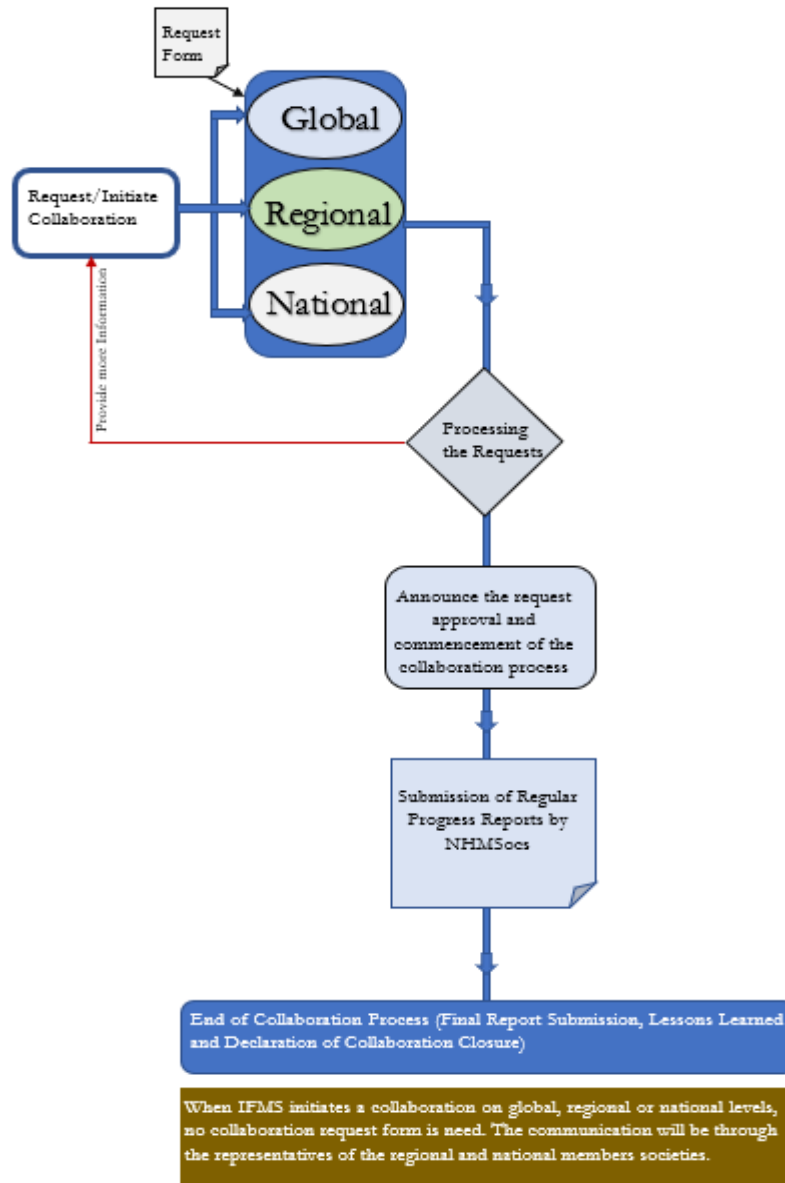
Regional/Notional Meteorological Societies

Request collaborate

National/Regional Meteorological Societies

Medium

IFMS collaboration portal

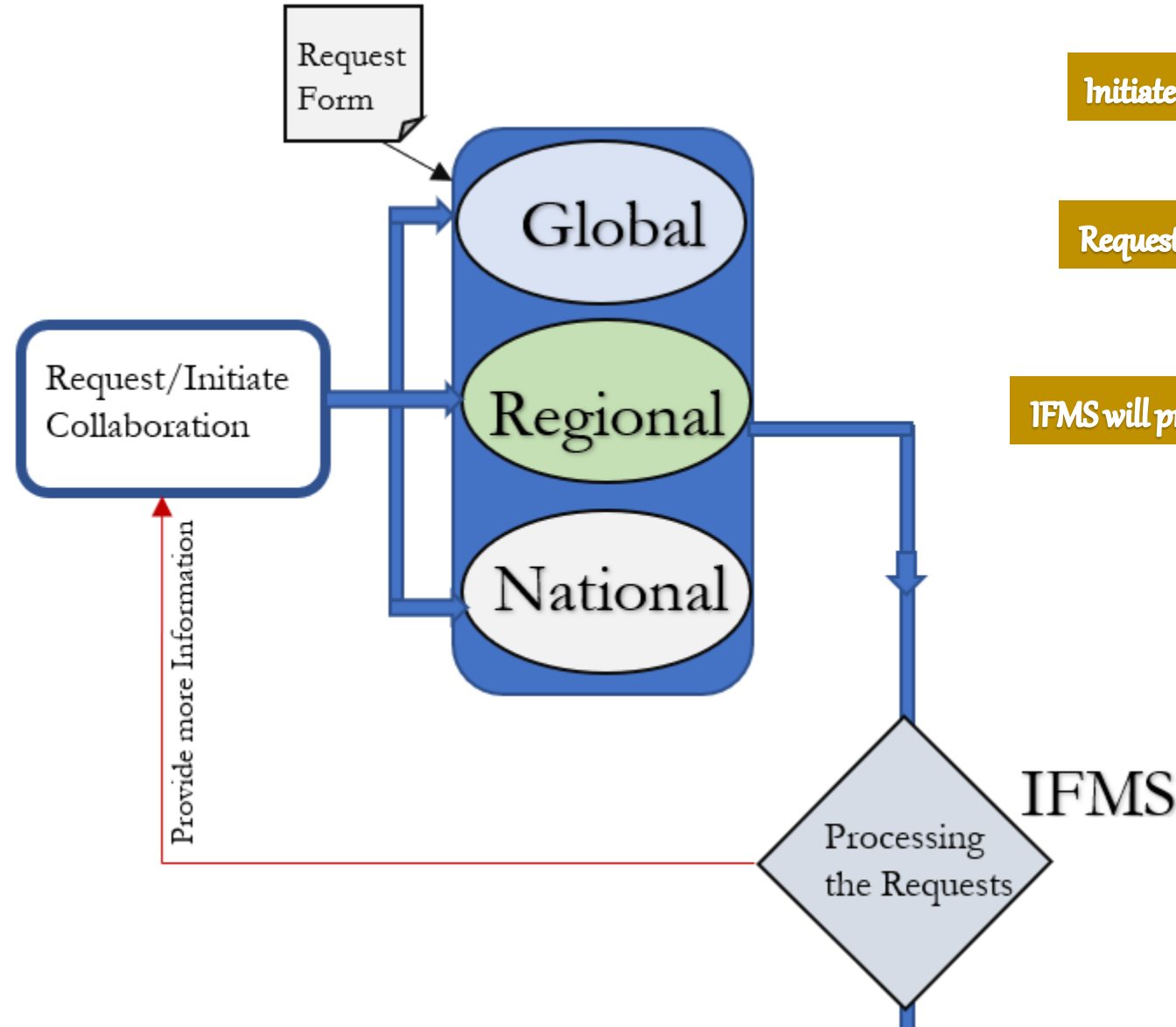


IFMS Collaboration Model

www.ifms.org/collaboration

Online forms (initiation/request)

Regular & final reports

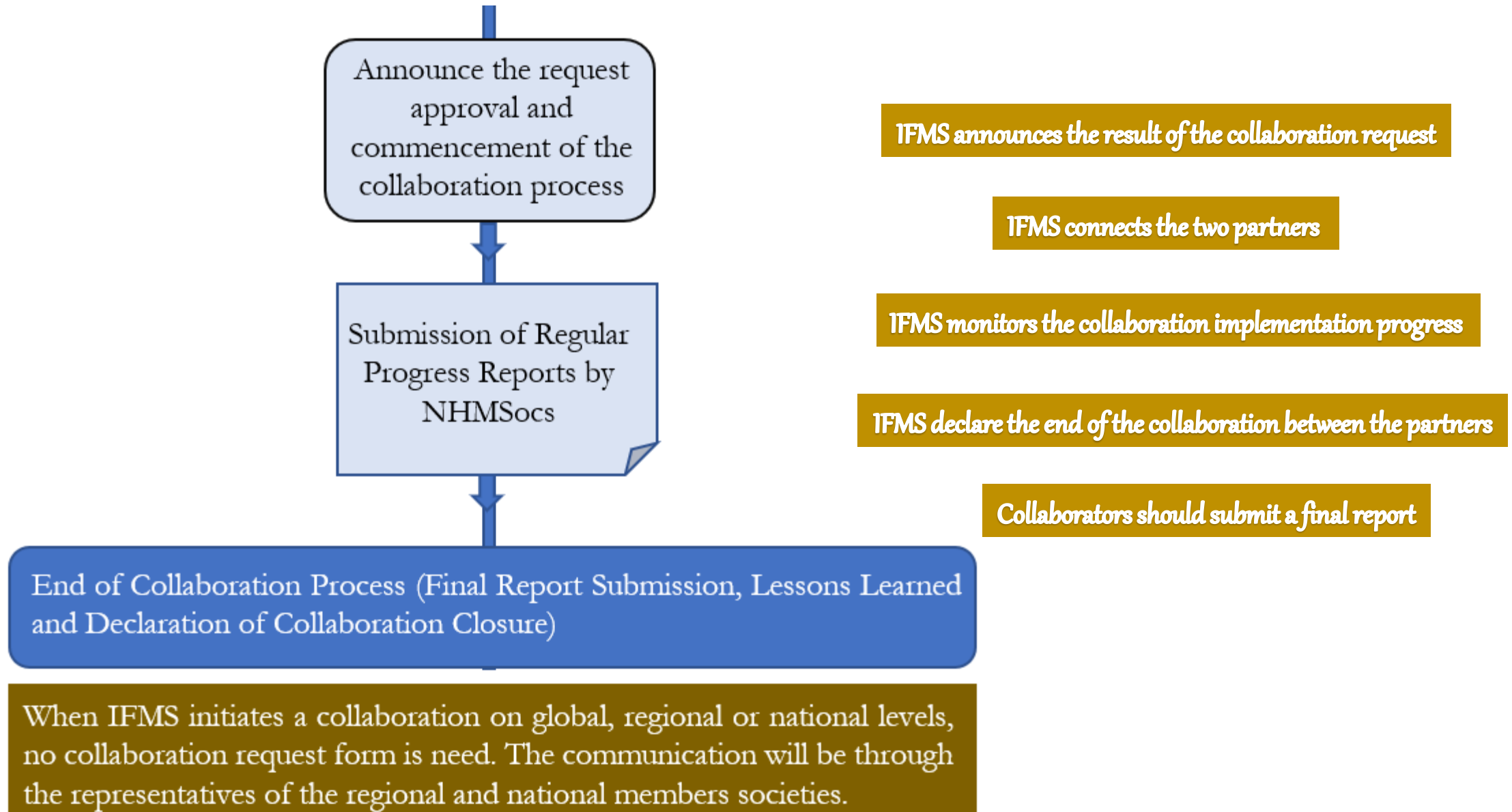


Initiate a collaboration opportunity (national/regional/global)

Request a collaboration opportunity (national/regional/global)

IFMS will process the request & match it with the available opportunities

www.ifms.org/collaboration



Collaboration Outcomes

Strengthening relationships between NMSocs all over the World

Creates mutual relationships between regional & national societies

Liking the professionals in meteorology and related fields

Maintain knowledge transfer, expert exchange and resource management

Enforce NMSocs to play their role and fulfill some of its objects in
their own communities

Enlarge the Meteorological societies networks

Overcome the resource shortage issues

Let's Collaborate Effectively!

Thanks