

Transparency and Accountability Network

IMMC

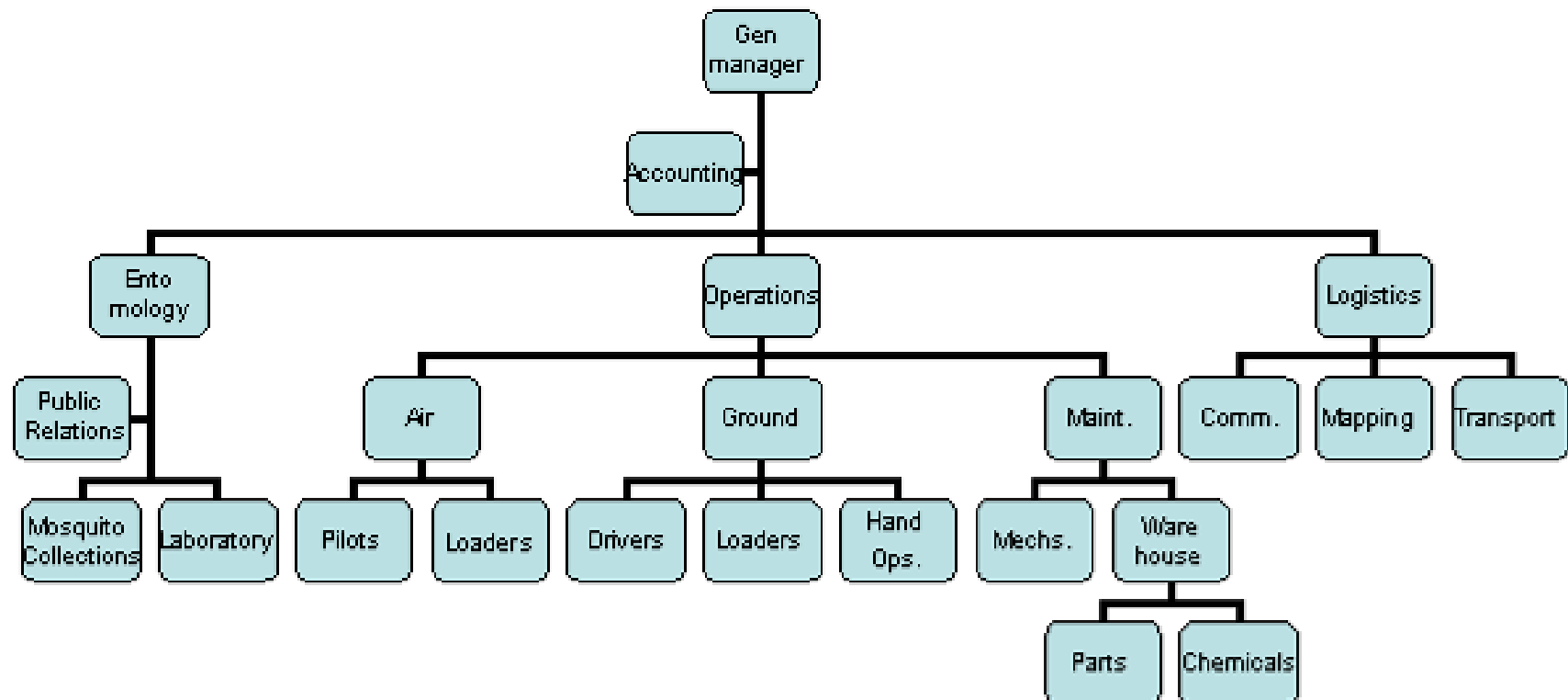
Integrated Mosquito and Malaria Control

Organization

Transparency and Accountability Network

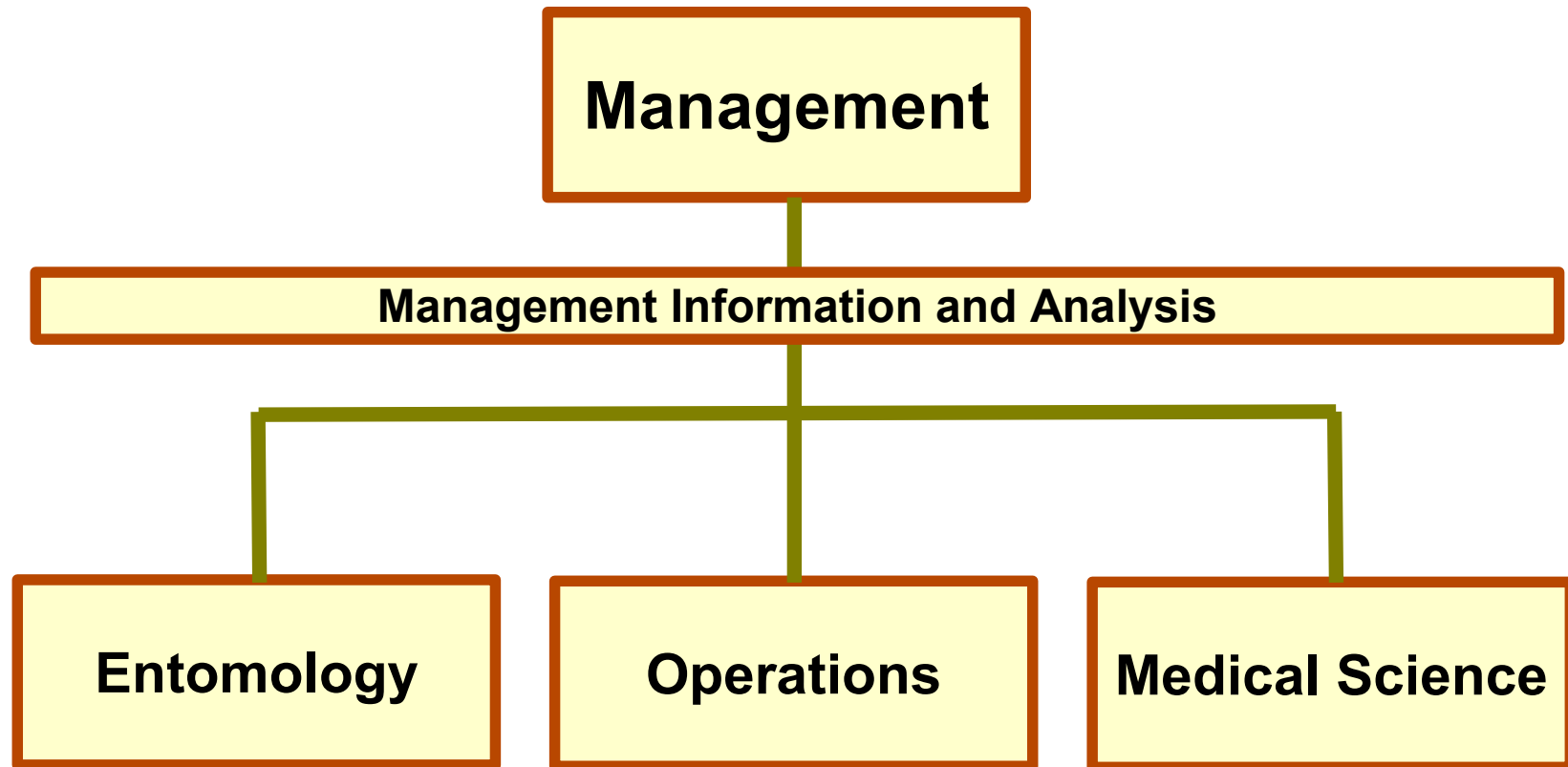
The Organization of IMMC

An Overview of Organization:



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A Simplified Overview of Organization:

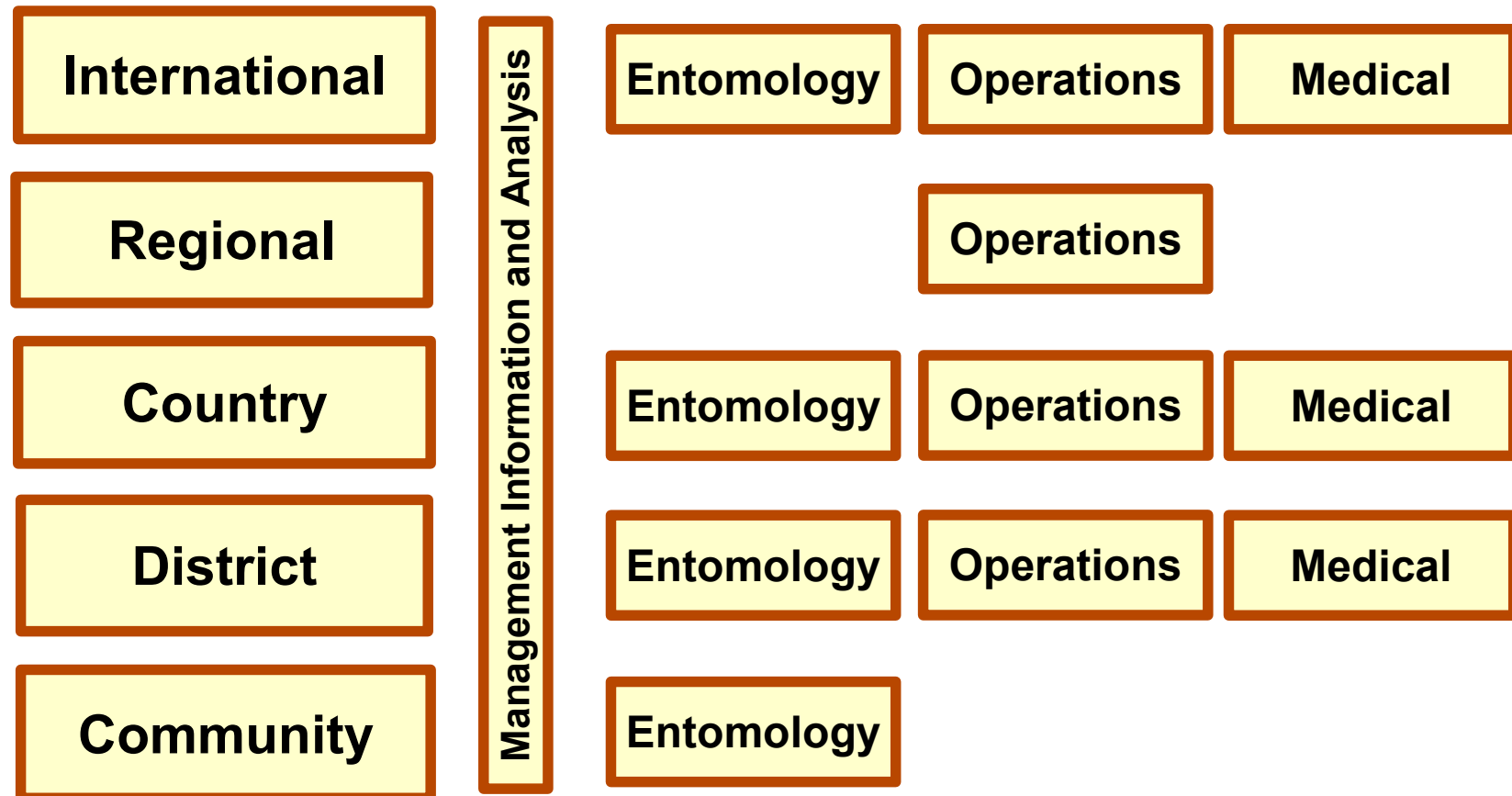


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A Matrix Overview of Organization

Geo-organization



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The IMMC International Unit

- The IMMC International Unit has the responsibility for the IMMC strategy and ensuring that there are staff and systems to support the whole organizational structure.
- A group of experts in their respective fields have been responsible for designing the initial IMMC program and the interventions.
- A core international team has been responsible for recruiting capable and experienced people to be operationally responsible for different aspects of the program which requires functional expertise in entomology, medical science, operational activities (including aerial operations, pesticide management and control, logistics, communications, etc).
- A core group has also been responsible for initiating a strong management information and analysis function.

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The IMMC Regional Unit

- The IMMC Regional Unit is required in order to have the right scale for the aerial operations, and scale economies in order areas of the program.
- Aerial operations are most effective when the equipment and staff are being used at a normal design level of activity. Aerial operations are expensive when not being used.
- But also aerial operations need to be able to respond rapidly to request for IMMC interventions. Response must be within a day or two, not a week or a month or two. This argues for a multiple plane fleet and a larger scale of operation than would be supported by a single county operation.
- There is also some economy in having expensive chemicals warehoused and the logistics managed on a regional rather than a more distributed basis.

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The IMMC Country Unit

- The IMMC Country Unit has the ultimate responsibility for the country program.
- It has a key role in coordinating the program with Government and the international community.
- It also has a key role in coordinating IMMC operations throughout the country so that all IMMC districts are well served.
- The Country Unit has a responsibility for national public relations and public information about the IMMC program. This includes:
 - Relationship with the school system
 - Relationship with the religious organizations
 - Relationships with the media

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The IMMC District Unit

- The District is the key level for IMMC success ... near the communities, but big enough to be good and to be efficient.
- Most IMMC operations can be based at the district level and be large enough to function efficiently (NOT aerial operations)
 - Ground ULV adulticides
 - Larvaciding
 - Interior residual spraying
 - Bednet distribution and training
 - Support for medical interventions for malaria cases
 - Organizing data collection and analysis
 - Operations support, logistics, warehousing, transport, etc.
 - Coordination and organization of community interventions

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The Community

- Community people as beneficiaries
- Community people as IMMC volunteers and workers
- Community churches and mosques as organizing entities
- Community leaders as teachers and role models
- Community schools as public health advocates
- Community getting baseline data about the community
- Community clinics doing data collection about malaria
- Community groups doing environmental cleanup to reduce mosquito breeding and recruitment.
- Community groups doing entomological data collections – operating traps and recording information
- A community IMMC coordinating group to make IMMC a durable and sustainable program.

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A Matrix Overview of Organization Functional Elements

International	Management Information and Analysis	Entomology	Operations	Medical
Regional			Operations	
Country		Entomology	Operations	Medical
District		Entomology	Operations	Medical
Community		Entomology		

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Entomology – About the Mosquitoes

- International Level
 - Professional Oversight
- Regional
 - Professional Oversight
- Country
 - Professional Oversight
- District
 - Analysis of mosquito population, its life cycle and the prevalence of malaria. Feedback about effectiveness of IMMC interventions.
- Community
 - Exactly where are mosquitoes breeding. Collecting data and helping to ensure IMMC interventions are working.

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Medical Science – About the Malaria

- International Level
 - Professional Oversight
- Regional
 - Professional Oversight
- Country
 - Professional Oversight
- District
 - Analysis of human population and prevalence of malaria. Case management of malaria infection.
- Community
 - Analysis of human population and prevalence of malaria. Case management of malaria infection.

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Operations – The Main Functions

- Aerial Operations – Pesticide and Larvacide Treatments
- Ground Operations – Pesticide and Larvacide Treatments
- Communications
- Logistics, Transport, Warehousing
- Pesticide Management
- Interior Residual Spraying
- Bednet Program

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Operations

- International Level
 - Planning / Management Oversight / International logistics
- Regional
 - Aerial Operations / Aircraft maintenance / Regional inventory and logistics
- Country
 - Government relations / public relations / malaria awareness / public policy / coordination / national inventory and logistics
- District
 - Ground operations / local warehousing and stores / maintenance / staff recruitment and training
- Community
 - Community relations

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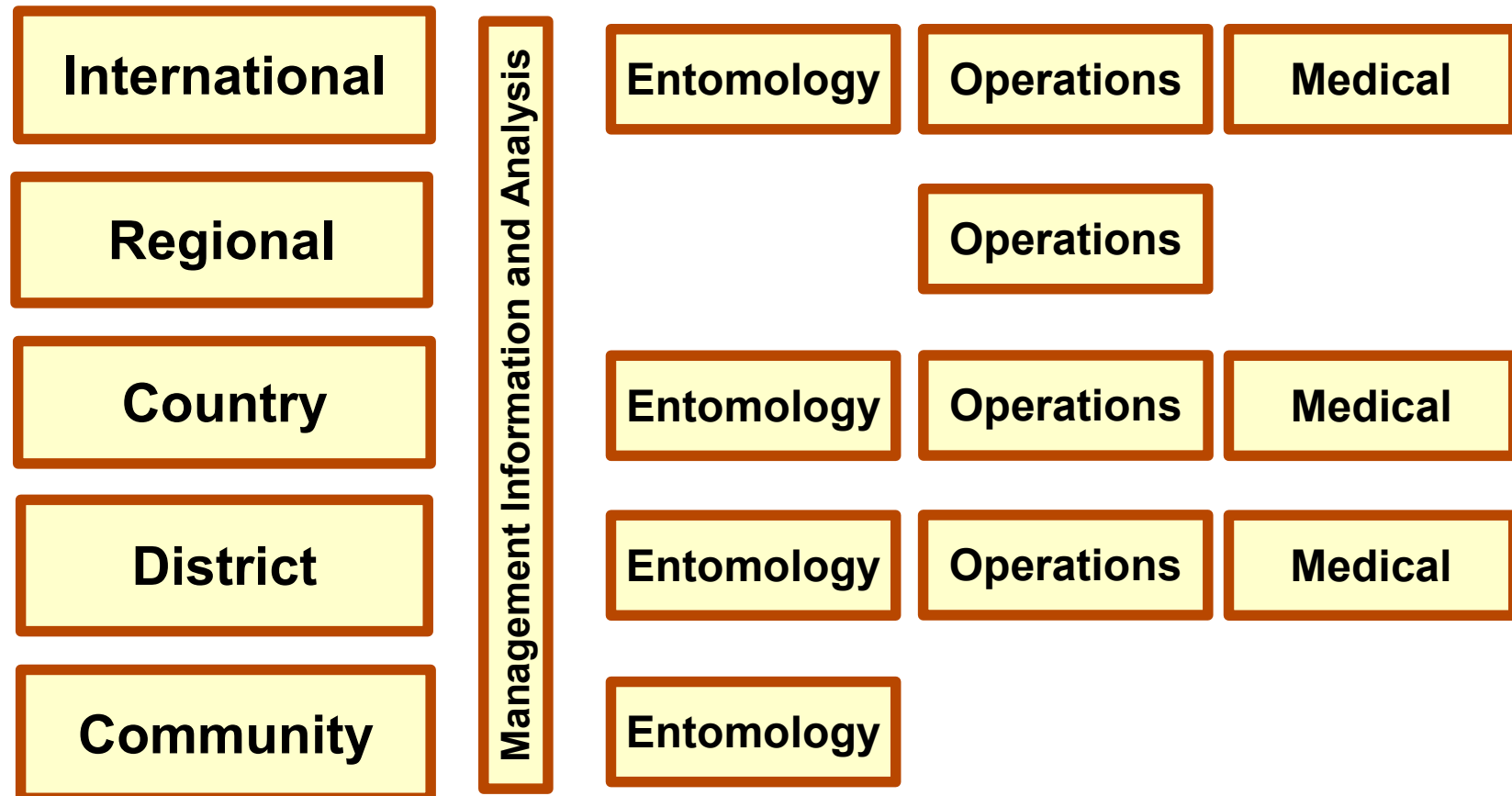
Operational Support

- Aerial operations
 - Pilots / Aircraft maintenance / Fuel and spares / Ground support
- Pesticide management
 - Safety / About resistance / Environment / Storage / Logistics
- Ground operations
 - Vehicles and equipment / Warehousing / Despatching
- Communications
 - Collecting and transmitting data / Distributing analysis and plans
- Warehousing, logistics and transport
 - Security / Data / Physical operations
- Staff and training
 - Recruitment / Remuneration / Benefits / Incentives / Training

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A Matrix Overview of Organization Management Information and Analysis



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Management Information and Analysis

All data and analysis are shared throughout the organization to link entomology and medical science, operations and the costs and the results.

- **International Level**
 - Planning / Management Oversight / Financial Reporting / Consolidated Analysis / Decisions / Feedback
- **Regional**
 - Flight operations data and analysis, reporting and feedback.
- **Country**
 - Country operations data and analysis, reporting and feedback.
- **District**
 - District operations data and analysis, reporting and feedback.
- **Community**
 - Community operations data and analysis, reporting and feedback.

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Management and Decision Making

- International Level
 - Strategic decisions
- Regional
 - Operating decisions to optimize performance
- Country
 - Operating decisions to optimize performance
- District
 - Operating decisions to get best results
- Community
 - Operating decisions to get best results

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Financing

- International Level
 - International corporate clients, international philanthropies, multilateral and bilateral donors, faith based organizations.
- Regional
 - Regional public health financing programs.
- Country
 - Country level health financing programs, government taxation, local corporate community
- District
 - Community financing initiatives, user fees, local taxes
- Community
 - Community financing initiatives, user fees, local taxes

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Questions?

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