



17th TechNet Conference

Panama City, Panama | October 16-19, 2023

Immunization Programmes That Leave No One Behind

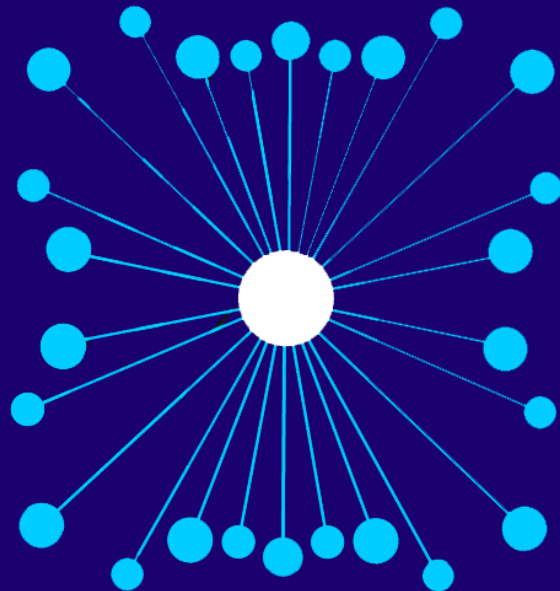
www.technet-21.org

The Power of the Network

Dan Brigden (WHO headquarters)

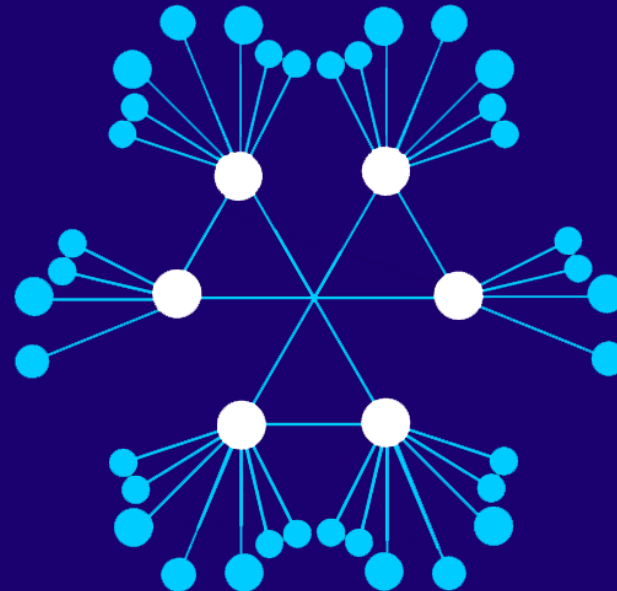
Types of network

Centralized vs Decentralized vs Distributed Network: An Overview



Centralized Network

All the nodes are connected under a single authority



Decentralized Network

No single authority server controls the nodes, they all have individual entity



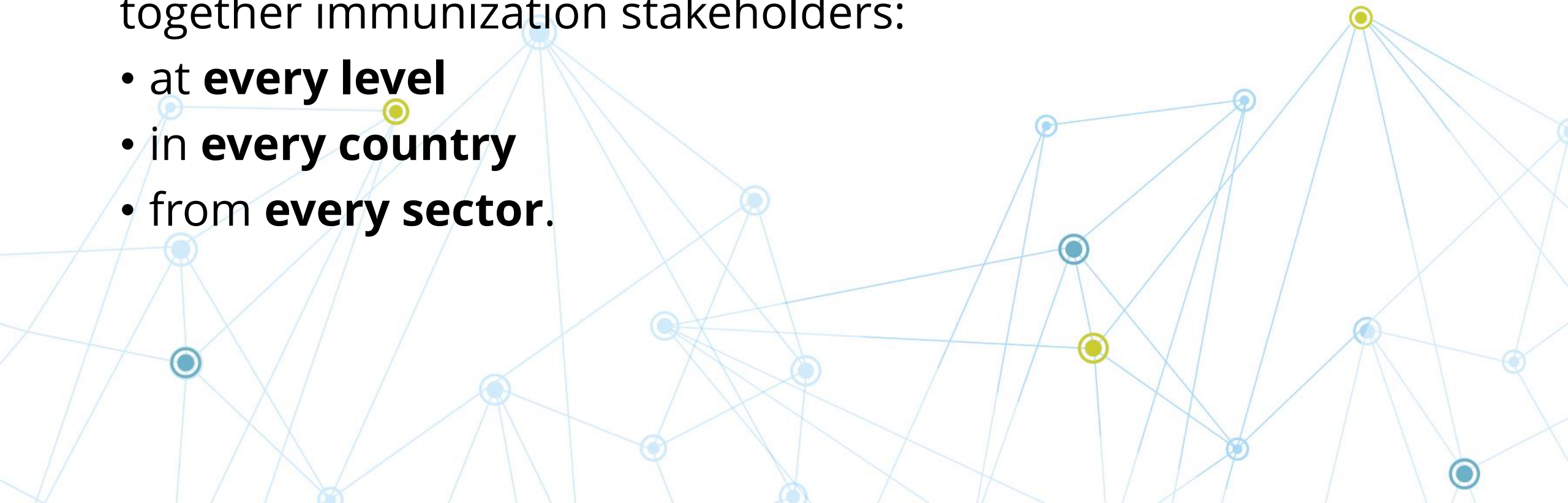
Distributed Network

Every node is independent and interconnected with each other

A distributed network

TechNet is a **global network** of immunization professionals. Our goal is to improve immunization services by bringing together immunization stakeholders:

- at **every level**
- in **every country**
- from **every sector.**



Our mission



People
Centred



Country
Owned



Partnership
Based



Data
Guided

Strengthened immunization services

Global alignment

Community



Provide a trusted environment for immunization professionals to build relationships and learn from each other

Knowledge



Crowdsource critical immunization knowledge in a single, easily accessible location

Coordination



Establish and promote shared practices, priorities, and activities

Community – face-to-face



People
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Community – online



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The screenshot shows a web browser window with the URL `technet-21.org/en/about`. The TechNet-21 logo is in the top left. A navigation menu is visible with the following items: Home, About, Community, Knowledge Hub, Hot Topics, and Conference. The 'Community' menu is expanded, showing sub-items: Community, Events, Forum, Blogs, Groups, and Careers. A large blue arrow points from the top of the page down to the 'Community' menu item. Another large blue arrow points from the right side of the page towards the 'Groups' sub-item.

strengthening immunization services by:

- Building relationships
- Sharing knowledge
- Coordinating activities
- and aligning priorities and goals

Our network has two complementary parts: the TechNet Conference, held every two years since 1990, and the TechNet-21.org website released in 1998. [Learn more](#) about our history.

Community – Groups



People
Centred



Country
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Partnership
Based



Data
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Groups enable a community of practice (CoP) to come together in a dedicated space to collaborate more effectively. TechNet members can create their own groups.

Examples:

- VIPS (Vaccine Innovation Prioritisation Strategy)
- MCV 5-dose implementation
- EAC Immunization Group
- Vaccine Procurement Practitioners Network

17th TechNet Conference

Panama City, Panama | October 16-19, 2023



17th TechNet Conference



 Global initiatives  Public Group (Require Approval To Join)  223 Members  914

Timeline

About

Members

Albums

Videos

Audio

Events

Discussions

Files

Announcements

Details

A group for participants at the 17th TechNet Conference taking place in Panama City, Panama, in October 2023.

More

 Dan Brigden

 223 Members


Filter Timeline: **Timeline** ▾

 Post Types ▾



What's on your mind?



Dan Brigden  created a new discussion
1 hour ago

Getting started with EVM: What is it? How does it work? I have a question...

Posted on Saturday, 14 October 2023

Announcing the launch of Immunisation Supply Chain - Community of Practice

GAVI 5.0 IMMUNIZATION SUPPLY CHAIN STRATEGY (2021-2025)

TO ADDRESS THIS...

The Challenge

Inconsistent availability of high-quality vaccines and limited reach of vaccine supply chains in underserved populations threaten access as well as immunization coverage and equity outcomes, and put vaccine investments at risk



WE FOCUS ON...

Investment Priorities & Expected Outcomes



Data Visibility & Use

to make real time data available at all levels of the SC and encourage data use by decision makers to improve SC performance



Strategic Planning

to a country-led strategy informed by people's needs, that is adequately financed



to design and optimize supply chains that reach everyone and minimize cost and waste



Capacity Development & Professionalization

to adequately staff all levels of ISC with motivated and competent workforce



Fundamental Infrastructure

to ensure vaccines are stored and transported in well-functioning equipment to ensure quality;



Smart Integration & Harmonization

to intergrate and harmonize ISCs with other public health supply chains, program functions and overall health system to maximize resources



TO ACHIEVE...

Impact Goals

- Extended Reach
- Vaccine Availability
- Efficiency
- Resilience
- Responsiveness
- Sustainability



SUPPORTED BY...

Enablers

Country Leadership, Governance & Stewardship | Domestic & International Funding | Partner Alignment & Coordination | Innovation | Private Sector Engagement

AND FULFILL...

Vision

Strong supply chains enable DELIVERY OF LIFE-SAVING VACCINES TO EVERY PERSON when needed, no matter where they are



- The Immunisation Supply Chain – Community of Practice (ISC-CoP) has been created to
 - Provide a platform for capturing the **feedback and opinions from ISC practitioners** in countries and regions
 - A medium to **exchange learnings and global goods** under ISC2 initiatives
 - A **collaborative platform for accelerating ISC2 initiatives** and impact
- The CoP will be hosted on the Technet platform as a “**Group**”
- You will be receiving invitations shortly

Join the CoP
Lets transform immunisation supply chains together!!!

GAVI 5.0 IMMUNIZATION SUPPLY CHAIN STRATEGY (2021-2025)

TO ADDRESS THIS...

 **Change**
Availability

WE FOCUS ON...

Investment Priorities & Expected Outcomes



Data Visibility & Use



Capacity Development & Professionalization

TO ACHIEVE...

Impact Goals

Extended Reach

iSC2

 Global initiatives  Invite Only  4 Members  54

[Leave Group](#)  


[Timeline](#) [About](#) [Members](#) [Albums](#) [Videos](#) [Audio](#) [Events](#) [Discussions](#) [Files](#) [Announcements](#)

Details


The iSC CoP aims to improve communication and facilitate exchanges beyond the iSC2 by connecting with key stakeholders a...

[More](#)

 Dan Brigden

 4 Members

Filter Timeline: **Timeline**

 Post Types



What's on your mind?



Sachin Jagtap posted an announcement
1 week ago

Official launch of the ISC2 Community of Practice

 Monday, 02 October 2023

Knowledge Hub



People
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Based



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Built and curated by TechNet members, our [Knowledge Hub](#) contains thousands of key immunization resources from around the world.

Add your own resources and share them with the community.

Knowledge Hub



People
Centred



Country
Owned



Partnership
Based



Data
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Hot Topics

j4.technet-21.org/en/hot-topics

TechNet-21

Home About Community Knowledge Hub Hot Topics Conference

Knowledge Hub Add Resource +

Search thousands of key immunization resources, curated by TechNet members

Search the Knowledge Hub Search

Browse the Knowledge Hub

By Category

By Disease

By Country

By Organisation

By Tags

Vaccines & delivery devices

Supply chain & logistics

Service delivery

Data

Programme management

Global initiatives

<https://j4.technet-21.org/en/resources/add-resource?contentType=article>

Knowledge Hub

Add Resource +

Search thousands of key immunization resources, curated by TechNet members

Search

Browse the Knowledge Hub

- By Category
 - African Region
 - Eastern Mediterranean Region
 - European Region
 - South-East Asia Region
 - Region of the Americas
 - Western Pacific Region
- By Disease
- By Country
- By Organisation
- By Tags
- By WHO Region

Looking for an immunization resource?

Our Knowledge Hub, built and curated by TechNet members, contains thousands of key immunization resources from around the world.



Coordination – Hot Topics



Curated by TechNet members and partners, [Hot Topics](#) contain an array of technical information on current issues in immunization.

Each [Hot Topic](#) provides the community with a hand-picked list of the most important resources on a subject.

Current number of Hot Topics: 51



Coordination – Hot Topics



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Home - TechNet-21

j4.technet-21.org/en/

TechNet-21

Home About Community Knowledge Hub **Hot Topics** Conference

Cold chain equipment Coverage & equity Decision-making

Home-based records IDEAL ISC Strengthening

View All
Curated by TechNet members and partner organisations, the Topics area contains a rich array of technical information on hot issues in immunization.

activities, and aligning priorities and goals. [Learn more.](#)

<https://j4.technet-21.org/en/hot-topics>



Hot Topics

Curated by TechNet members and partner organisations, the Topics area contains a rich array of technical information on hot issues in immunization; each Topic page provides the community with easy access to a hand-picked list of the most important resources on a given subject - from Covid-19 and CTC to home-based records and HPV vaccine introduction. Our members are adding new topics all the time.

- Vaccines & devices
- Supply chain and logistics
- Service delivery
- Data
- Programme management
- Global initiatives

Vaccines & devices

Dose Per Container: Understanding the Effects of Multidose Vaccine Presentations
Curated by: Kelly McDonald

Delivery technology - technical resources
Curated by: David Brown

- Vaccines & delivery devices
- Tetanus
- Rubella
- Mumps
- Measles
- Dengue

Sub-sites

- Cold chain equipment
- Coverage & equity
- Decision-making
- Home-based records
- IDEAL
- ISC Strengthening

Recently updated

- Guidance, tools, and resources for evidence-based decisions on vaccine switches and EPI portfolio optimization
Curated by: Molly Sauer
- Gender and Immunization
Curated by: Stephanie Shendale
- Support package for integrating COVID-19 vaccination into immunization programmes and primary health care
Curated by: Santosh Gurung
- Immunization Forecasting and Supply Planning Toolbox
Curated by: Dorte Konradsen



Hot Topics - most popular

Immunization data	Curated by
COVID-19 Paper Based Information System	Jan Grevendonk (WHO headquarters)
Home-based records	Laura Nic Lochlainn (WHO headquarters)
The impact of COVID-19 on immunization programmes - publications	M. Carolina Danovaro (WHO headquarters)
Triangulation for improved decision-making in immunization programmes	Angela Montesanti Porter (US CDC)

Immunization programme management	Curated by
Behavioural and social drivers of vaccination	Lisa Menning (WHO headquarters)
Gender and Immunization	Stephanie Shendale (WHO headquarters)
Guidance, tools, and resources for evidence-based decisions on vaccine switches and EPI portfolio optimization	Molly Sauer (Johns Hopkins Bloomberg School of Public Health)
HR & leadership - technical resources	Adebayo Adekola (UNICEF Programme Group)
Verification and Traceability Initiative	Carly Nel (Vital Wave)

Global initiatives	Curated by
Global compendium of country knowledge on COVID-19 vaccination	Alejandro Ramirez Gonzalez (WHO headquarters)
Eliminate Yellow Fever Strategy - laboratory information (EYE LABS)	Jean-François (Jeff) Lemaire



Coordination



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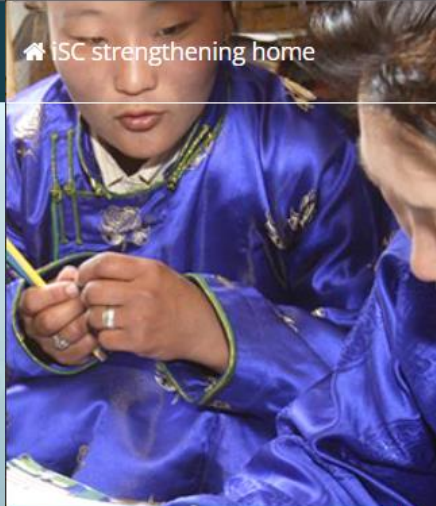
TechNet hosts content and projects from many different organisations and collaborations.

IDEAL Vietnam

ISC Strengthening

Improving Immunization Coverage and Equity

Immunization Decision-Making Resource Catalogue



DATA FOR MANAGEMENT

Managers at each supply chain level needs relevant and reliable data to manage the supply chain.



SYSTEM DESIGN

Analyzing and modifying the supply chain's design to improve performance, reliability, and resiliency



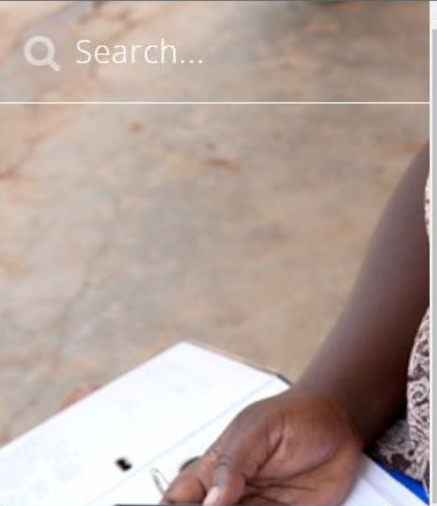
LEADERSHIP

Ensuring dedicated and fully equipped supply chain managers with adequate numbers of skilled, competent and accountable personnel.



COLD CHAIN EQUIPMENT

How do we ensure a child gets potent vaccine? How do we reach the unreached population without compromising potency? How do we prevent wastage which could arise as a result of excessive heat / freezing?



CONTINUOUS IMPROVEMENT PLANS

Developing a strategic plan for continuous improvements, optimization and innovations the immunization supply chain.



Coordination – TechNet Webinars in 2023

- Professionalization of the health supply workforce (6-part)
- Cold chain equipment inventory and gap analysis (IGA) tool
- Reaching zero-dose communities (3-part)
- The AFRiSC mobile learning platform
- Situation analyses of immunization programme performance
- A life course and integration approach to vaccination (5-part)
- National Immunization Strategies
- Why gender matters for immunization (5-part)

Coordination – Telegram channels



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The screenshot displays the Telegram interface. On the left is a list of channels, and on the right is a detailed view of the 'TechNet-21 announcements' channel.

Channel List:

- TechNet-21 announcements** (04/09/2023): TechNet-21 wants to hear from you! Let us know what you think: take ou...
- TechNet-21 Community** (27/09/2023): Alex: the IA2030 Scorecard launched in the past 24 hours and now live at...
- TechNet-21 Communauté Francophone** (04/09/2023): Gigi: TechNet-21 souhaite votre avis! Répondez à notre enquête et tentez...
- COVID-19 Vaccine Introduction – TechNet-21 (EN)** (04/09/2023): Gigi: TechNet-21 wants to hear from you! Let us know what you think: tak...
- Introduction des vaccins contre la Covid-19 - TechNet-21 (FR)** (05/09/2023): Edgard: Message bien capté
- Immunization Supply Chain - TechNet-21** (Fri): Brad Francis joined the group via invite link
- EVM Managers** (20/09/2023): EVM Managers: Can also view by WHO Region

TechNet-21 announcements channel details:

- 122 subscribers
- 146 views, 11:39 duration
- September 4
- Message: TechNet-21 announcements
TechNet-21 wants to hear from you! Let us know what you think: take our survey to be in with a chance to win \$200 for you or a charity of your choice. It should take no more than 15 minutes to complete and we'd really appreciate your thoughts by Friday 15 September!
<https://forms.gle/gLdiZ12QCu4PKL9J6>
- Message: TechNet-21 souhaite votre avis! Répondez à notre enquête et tentez votre chance pour gagner 200 dollars pour vous ou pour l'organisation caritative de votre choix. Il vous faudra environ 15 min pour répondre à l'enquête, qui sera ouverte jusqu'au vendredi 15 septembre!
<https://forms.gle/UQ6CwyLkdMDeVyReA>
- 92 views, 15:30 duration
- Option: Leave a comment
- Input: Broadcast a message...

Connect with us



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Country Owned



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Please specify how to contact us for ideas for...

TechNet

Or contact
Dan Brigden
Alex Pascual
Geraldine

Immunisation Hub - Introduce yourself, and let the TechNet Conference participants you'll be there! - TechNet-21

TechNet-21

Home About Community Knowledge Hub Hot Topics

17th TechNet Conference

Panama City, Panama | October 16-19, 2023

17th TechNet Conference

Global initiatives Public Group (Require Approval To Join) 223 Members 922

Timeline About Members Albums Videos Audio Events Discussions Files

Discussions

← Back

Introduce yourself, and let the TechNet Conference participants you'll be there!

Alex Thursday, 12 October 2023 71 Hits 8 Participants 7 replies

Hi everyone, and welcome to the TechNet Conference group!

Conversations Compose

- Alex**
Here it is, tell me if you got it
1 day ago
- Adam Dewey (mSupply Foundation)**
Perfect, thanks Dan!
2 days ago
- Géraldine Nemrod**
Dear Gigi, it was great to see you at the Conference last week. I wonder if you can share the PPT from your session on temperature monitoring? Many thanks
5 days ago
- Evelyn**
View All

website,
y, or your

PARTNERSHIP OF IMMUNIZATION NETWORKS

The Partnership of Immunization Networks (PIN) is a group of organizations with the shared goal of connecting and supporting immunization professionals worldwide

boost

connect, learn and lead | **SABIN**
VACCINE INSTITUTE

boostcommunity.org

THE GENEVA
LEARNING
FOUNDATION

learning.foundation



IMMUNIZATION
ACADEMY

immunizationacademy.com

IAPHL

International Association of
Public Health Logisticians

iaphl.org

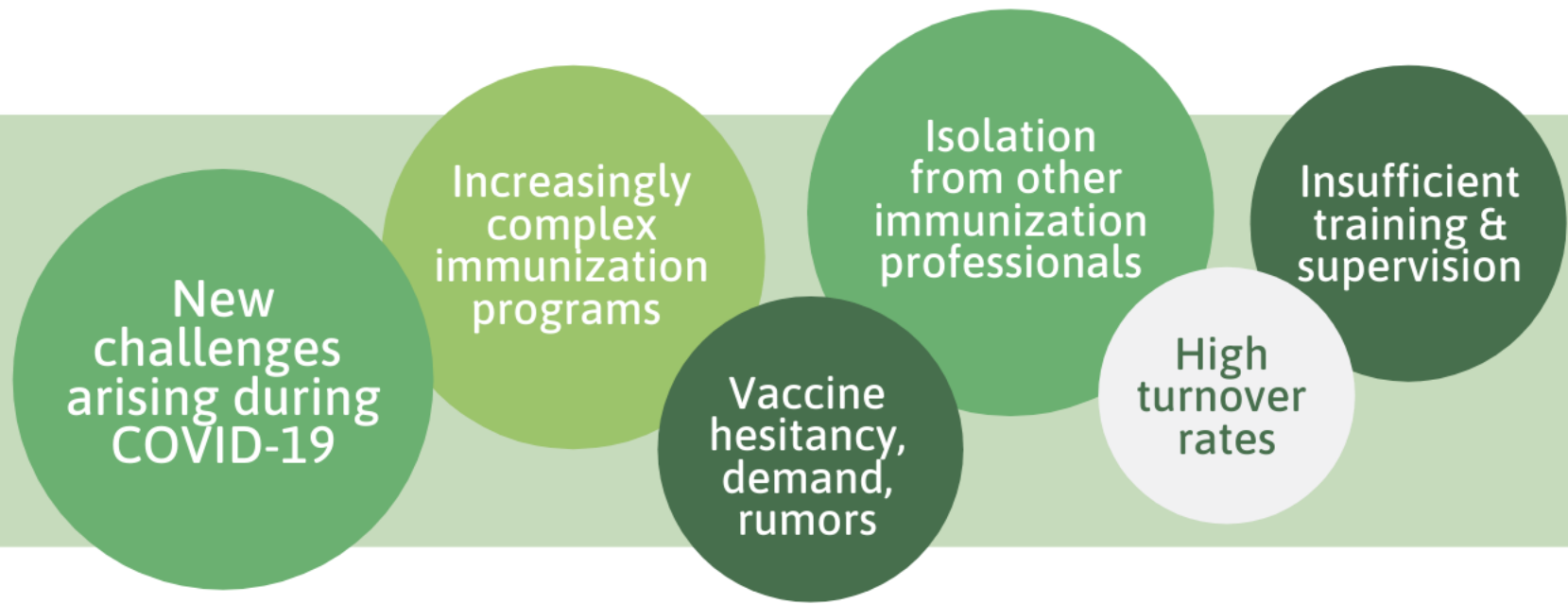


TechNet-21

The Technical Network for
Strengthening Immunization Services

technet-21.org

CHALLENGES FACING IMMUNIZATION PROFESSIONALS



Through our robust platforms and communities, we offer diverse resources to help you face your challenges and accomplish your important work. Together, we can reach our collective goal of immunization for all.

✓ Events

✓ Educational resources

✓ Certification

✓ Peer connections

✓ Experts

✓ Job opportunities

✓ Technical guidance and policy resources

The Sabin Vaccine Institute's Boost Community

Boost is a global community that connects immunization professionals to peers, support and resources to learn and grow and equips professionals to lead in challenging situations.



Connect

Boost is a global community where immunization professionals can connect with peers and stakeholders and expand their professional network.



Learn

Boost provides access to experts and resources to help immunization professionals learn skills to build capacity and advance their careers.



Lead

Boost is designed to help immunization professionals lead immunization programs in challenging and uncertain contexts.

LEARN MORE: [HTTPS://BOOSTCOMMUNITY.ORG](https://boostcommunity.org)

boost

connect, learn and lead



boostcommunity.org

Civil Society or
Non-Profit
Organizations
23%

Multilateral or Bilateral
Organization
21%

Private or For-Profit
Organization
8%

Academia or Research
Institution
7%

Consultant or Other
6%

Ministry of
Health
31%

Other local or national
governmental entity
4%

**WORK
SECTOR
BREAKDOWN**



4,460
IMMUNIZATION
PROFESSIONALS

154
COUNTRIES



77%
MEMBERS
FROM LMICS



353
LEARNING
ENGAGEMENTS



6,207
UNIQUE
REGISTRANTS

***Updated Sept. 20, 2023**

Sub-national members have the **HIGHEST** average engagement on the Boost platform

IAPHL: International Association of Public Health Logisticians

Enabling health supply chain professionals, especially in the global south, to connect, learn and grow

PEER-TO-PEER LEARNING

We enable members to grow as professionals by asking each other questions in real time, ranging from how to avoid stock outs to whether to invest in drones. By bringing people together – both online and in person– we are an important networking forum for people from across the globe. We also provide information on training opportunities and share job postings.

OUR INCLUSIVE APPROACH

We ensure every professional has access to the same knowledge, information, and training, no matter where they live. To avoid financial and technological barriers in resource-poor settings, we do not charge a membership fee and we communicate via email through a listserv.

WHY SUPPORT IAPHL?

- We get results: From health centers to central ministries, our members build stronger, more responsive public health supply chains that ultimately save and improve lives.
- We are expanding on the success of the on-line community by creating a formal mentorship program and will set up more country chapters to explore local issues and contribute to policy discussions.
- We enable our members to navigate major trends, such as the greater use of data analytics, tested technology, and proven private sector approaches, and the shift from heavy reliance on donors to more government funding with private sector partnerships.

WHO WE ARE

A uniquely vibrant community of practice, comprised of people working at every level of the supply chain to deliver health products to the families who need them.



More than

8,000 MEMBERS

in

150 COUNTRIES

Join our community at www.iaphl.org



IAPHL: International Association of Public Health Logisticians

Enabling health supply chain professionals, especially in the global south, to connect, learn and grow



Immunization Academy

Provides **effective, engaging, sustainable, scalable training solutions**,
to enable immunization professionals to perform at their best.

Training only takes a few minutes and is available whenever and wherever needed.

IMMUNIZATION ACADEMY'S

 **IA WATCH**

150+ short videos that teach critical
immunization skills.



IMMUNIZATION ACADEMY'S

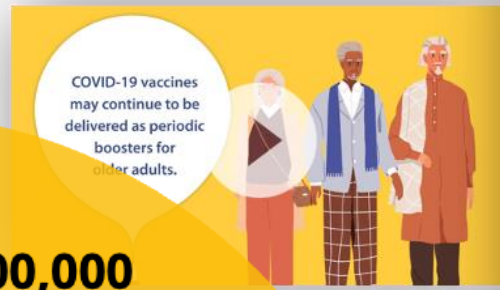
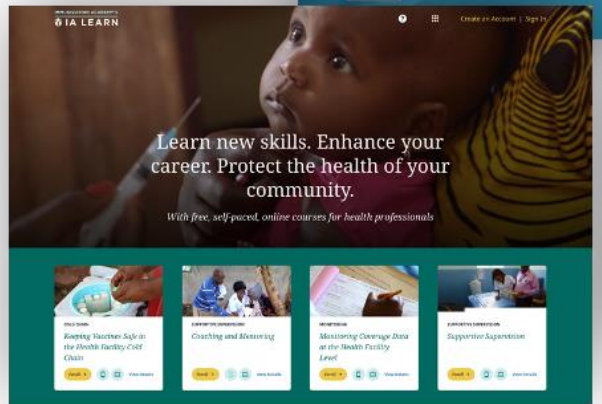
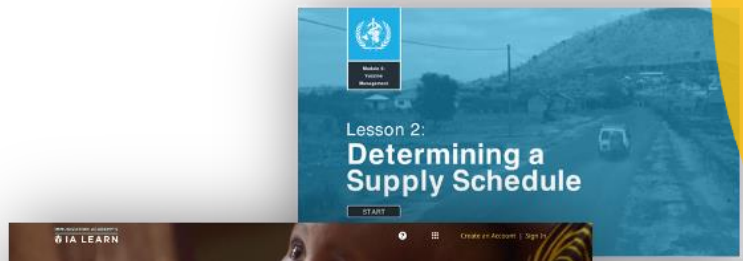
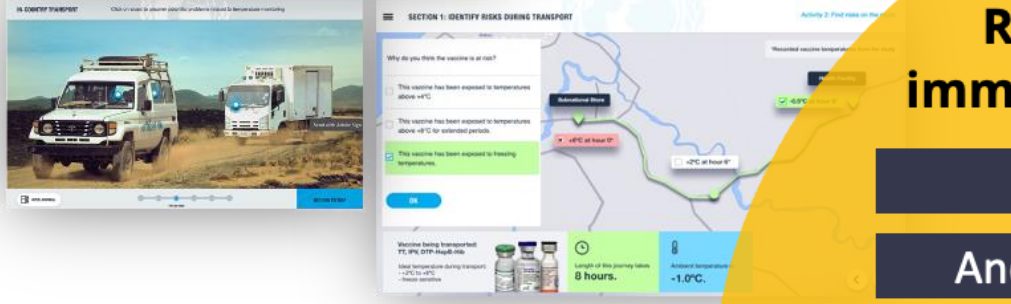
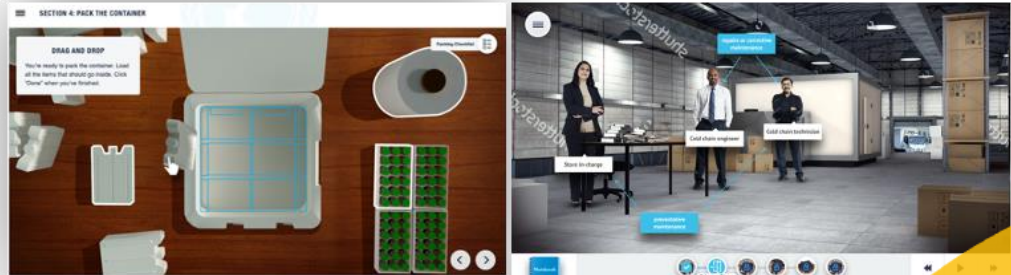
 **IA LEARN**

Android app that works online or offline and that
can be customized with courses on any
immunization topic



MISSION: Immunization Academy was built by a team of learning experts to improve the health of caregivers and children by giving health workers access to high-quality educational resources whenever and wherever they need them. [Visit **immunizationacademy.com**](https://immunizationacademy.com).










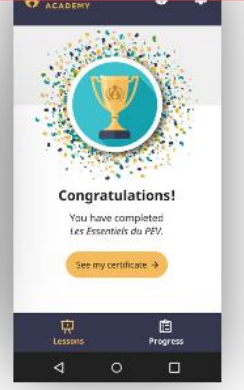
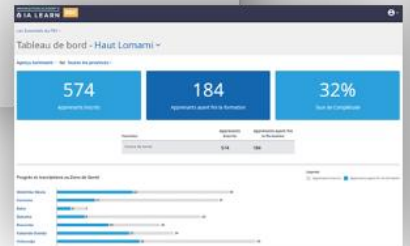
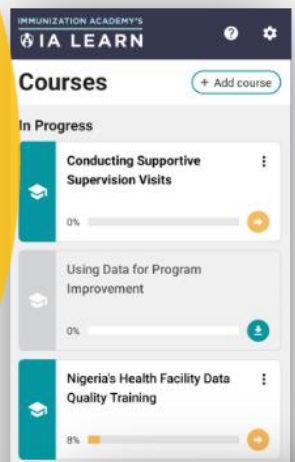
Reaching over 900,000 immunization staff through:

- Instructional VIDEOS**
- Android and web-based APPS**
- Learning DASHBOARDS**
- Interactive eLEARNING**
- Instructor-led TRAINING**

In partnership with:



The Geneva Learning Foundation



“Learning happens best when people seek answers to their specific daily challenges.”

Dr Kate O’Brien (WHO) and Ephrem T Lemango (UNICEF)

TEACH TO REACH 9

MOVEMENT FOR IMMUNIZATION AGENDA 2030

The Geneva Learning Foundation

 **IA2030** **MOVEMENT** FOR IMMUNIZATION AGENDA **2030**

**JOIN THE
MOVEMENT
FOR IMMUNIZATION**

www.learning.foundation/immunization-agenda-2030

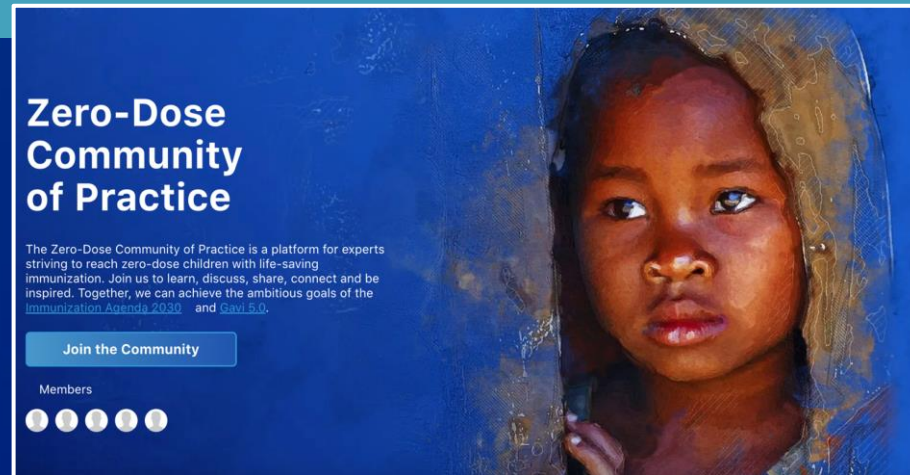
Zero-Dose Community of Practice: Overview & Members

Created in
**August
2021**

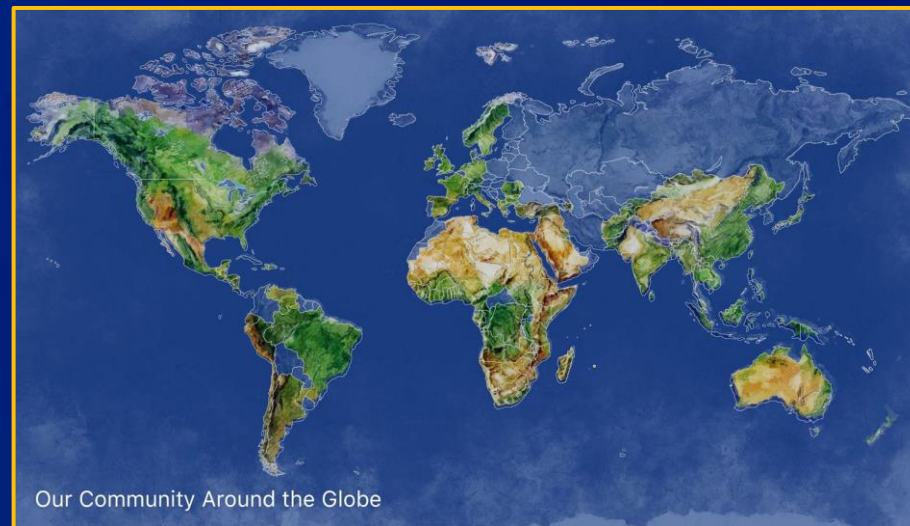
1,800+
members

400+
organizations

120+
countries



Website: www.zero-dose.org



Map of our community around the globe

Areas of strength:

- Ease of use
- Resources
- Webinars
- Analytics

Areas of increased focus:

- Engaging country-level members
- Peer-to-peer learning
- In-person convenings

Zero-Dose Community of Practice: Features and Functions

2 Direct messaging

1 Update your profile

3 Topic-based channels

6 Events & webinars

4 Resources & links

5 Feed (posts, comments, likes)

The screenshot shows the home page of the Zero-Dose Community of Practice. The page layout includes a search bar at the top, a navigation menu on the left, a main content area with a welcome message and a post, and a right sidebar with an 'Upcoming events' section. Annotations with orange boxes and lines point to specific features: 'Update your profile' points to the profile icon in the top right; 'Direct messaging' points to the message icon; 'Topic-based channels' points to the 'Community' section in the left sidebar; 'Resources & links' points to the 'Links' section in the left sidebar; 'Events & webinars' points to the 'Upcoming events' section in the right sidebar; and 'Feed (posts, comments, likes)' points to the main content area.

Zero Dose Community of Practice

Home

Home

Members

Courses

Community

- # Cross-Cutting
- # Conflict & Fragile Settings
- # Urban Settings
- # Remote Rural and Mobile Populati...
- # Outbreaks & Campaigns
- # COVID-19 Recovery
- # Events
- # Webinar Recordings
- ✓ Calls to Action

Links

- GHO - Immunization data
- UNICEF Coverage dashboard

Go live

Search

Latest

New Post

Upcoming events

- 28 SEP Maximiser l'impact de la vaccination grâce aux données intégrées
05:00 AM - 06:00 AM PDT
- 6 MAY ADVAC 2024 now open for applications until 15 November 2023 <http://www.advac.org/>
12:00 AM - 08:00 AM PDT

Zero-Dose Community of Practice

Welcome to the Zero-dose Community of Practice!

This is a place to discuss, share resources and learnings, ask questions and interact with other community members on opportunities and challenges we face in our effort to reach zero-dose children and missed communities with immunization.





Join one or more of the topic discussions and participate in the

Community home page

The Partnership of Immunization Networks

Organisation	Website
 IMMUNIZATION ACADEMY	immunizationacademy.com
 IAAPHL International Association of Public Health Logisticians	iaphl.org
 THE GENEVA LEARNING FOUNDATION	learning.foundation
 boost connect, learn and lead SABIN VACCINE INSTITUTE	boostcommunity.org
 Reaching Zero-dose Children	zero-dose.org

Speak to us tomorrow in the Innovations Café

Organisation	Time	Title	Presenter
 IMMUNIZATION ACADEMY	10:15- 10:45	Skill-building with the Immunization Academy app: Case study on an innovative approach for healthcare workers in Nigeria	Nathan Pienkowski 
 International Association of Public Health Logisticians	10:15- 10:45	Democratized & contextualized immunization supply chain expertise: IAPHL Country Chapters	Timilehin Omole 
 THE GENEVA LEARNING FOUNDATION	13:15- 13:45	Connected learning to accelerate local impact at global scale: Year 1 of the Movement for Immunization Agenda 2030 (IA2030)	Reda Sadki 
 connect, learn and lead 	13:15- 13:45	Learn more about the Boost Community – a global network of immunization professionals tackling complex challenges together	Elizabeth Kohlway 



Thank You!

Dan Brigden

brigdend@who.int