

WORLD

IMMUNISATION & LOGISTICS

SUMMIT

29 – 30

MARCH

2021



VIRTUAL EVENT

**Collaboration, cooperation
and optimisation of global
vaccine distribution**

WORKING DRAFT PROGRAMME

HOPE 
Consortium

Overview

The onslaught of the COVID-19 pandemic has forever changed life as we know it. With over 100 million positive cases worldwide and counting; the global medical, pharmaceutical and scientific communities have been engaged in an unprecedented race against time, achieving truly remarkable feats in vaccine research, development and testing to secure regulatory approvals and roll out mass immunisation programmes in record time.

However, the challenge has only just begun. The mass distribution of COVID vaccines to the global population presents what is without doubt the largest and most complex logistical operation ever to be undertaken in human history. It will require the continued cooperation, collaboration and mobilisation of manpower, assets and infrastructure networks across all industries and geographies worldwide.

The World Immunisation & Logistics Summit, hosted by the HOPE Consortium, will bring together world leaders and senior decision-makers representing key multi-national NGOs, IGOs, academia and public and private sector stakeholders leading the charge in this collective human effort to combat the COVID-19 pandemic. The virtual summit will provide an open forum for dialogue around the logistical challenges of vaccine mobilisation from production to patient, with the aim of finding scalable, real-world solutions to achieve mass, equitable, worldwide distribution at this critical juncture facing the health, wellbeing and prosperity of all mankind.



Day 1

Opening Ceremony and Keynotes

09:00 Virtual exhibition and networking opens

09:45 **Welcome from the MC**

10:00 **Special Address: A new paradigm in human collaboration**

10:05 **Welcome Address: Forging partnerships to mobilise global resources in the fight against COVID-19**

10:10 **Coordinating a global response to mitigate the public health and economic impact of the pandemic**

10:30 **Ensuring equitable access for developing countries and marginalised communities**

10:40 **No one is safe until everyone is safe: Uniting to vaccinate the world**

10:50 **Addressing the greatest public health crisis of our time**

11:00 **Panel Discussion: Cooperation and Collaboration: The collective human effort to save lives and support global economic recovery**

The COVID-19 pandemic has presented a steep learning curve. Agility, adaptability and cooperation have been at the heart of the tremendous progress that has been made to this point. This keynote panel will bring together a cross-section of industry and thought-leaders sharing a range of perspectives on the key challenges they have faced so far, the corresponding actions taken and the learnings made, as we face the next critical phase of the fight against COVID-19.

- Resource mobilisation
- Funding challenges
- Mitigating economic impact
- Cross-border collaboration and international stakeholder coordination

12:00 Virtual exhibition and networking break

R&D and Production

12:30 **Pharma and Manufacturers Panel: The race against time**

The global pharmaceutical research community has been working at a truly historic pace to develop vaccines to combat the novel coronavirus in record-setting time. This session will bring together a panel of experts representing a range of pharmaceutical companies, manufacturers and experts to deliver an update on vaccine R&D and production.

- Update on research on vaccine efficacy against current and future strains of COVID-19
- Understanding the unique vaccine properties and distribution requirements
- Forecasting the vaccine pipeline

13:30 **Panel Discussion: Abu Dhabi's collaborative role in the fight against COVID-19**

The historical challenge facing global logistics networks in the race to distribute COVID-19 vaccines around the world has once again highlighted the need for strategically-located and uniquely-equipped production and operations hubs. This session will look at Abu Dhabi's emerging position as a key strategic life sciences and logistics hub and the collaborative role it is playing in the delivery of vaccines worldwide.

- Pioneer in COVID-19 vaccine programmes
- Strategic location as a global logistics hub
- Emerging world-class medical and life sciences centre

14:30 Virtual exhibition and networking break

Programme, Speaking Opportunities: summit@hopeconsortium.com

Marketing, PR and Media Enquiries: media@hopeconsortium.com

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Day 1

On the Road: From Production to Patient

15:00 **Panel Discussion: Ensuring supply chain integrity**

Maintaining vaccine integrity through all stages of the supply chain requires never-before-seen levels of monitoring and coordination. Technology is playing a crucial role in enabling end-to-end, safe, secure supply chain operations protecting vaccine integrity. This session will look at the role of technology as a fundamental part of a complete integrated logistics solution for efficient vaccine transport and distribution.

- Demand planning to maintain vaccine integrity
- Interface between modes of transportation
- Data-enabled supply chains: Digital solutions for real-time monitoring of vaccine cargo
- Blockchain solutions for supply chain performance

16:00 **Logistics Panel: Mobilising global supply chains through integrated logistics solutions**

With an estimated 8,000 jumbo jets required to transport vaccine doses around the world, IATA has stated that safely delivering COVID-19 vaccines “will be the mission of the century for the global air cargo industry.” And the challenge isn’t just facing air cargo operators, there is perhaps even greater complexity facing ground transport networks. This session will bring together a range of experts from across the logistics value chain as they discuss the most pressing challenges facing the global operation and how, collectively, the industry can enable networks to transport and deliver mass volumes of vaccines to a wide range of geographic locations, safely and securely.

- Strategies and technologies to ensure vaccine integrity during air transport
- Overcoming capacity and network shortages caused by reduced and disrupted passenger flights
- Overcoming cold chain challenges to protect vaccine integrity through the supply chain
- Cross-border collaboration and customs
- Meeting equipment, truck and warehousing requirements

17:00 Closing Remarks and end of day 1



Day 2

Opening Plenary

10:00 **Welcome from the MC**

10:15 **Keynote Address: Innovation, ingenuity and inclusiveness: Finding the human solution to a global challenge**

Vaccine Administration

10:30 **Panel Discussion: Demand planning, preparedness and overcoming challenges in vaccine administration**

Healthcare systems around the world have been rocked by COVID-19. As countries work to secure vaccines for their citizens and work towards mass immunisation as quickly as possible, healthcare systems are again tasked with an unprecedented challenge. This session will bring together a diverse panel of experts to discuss how best to coordinate and overcome the challenges of a mass global COVID-19 immunisation programme.

- Vaccine administration related medical supplies procurement, supply, provision
- Workforce preparedness and workforce shortages
- Storage and capacity challenges

11:30 Virtual exhibition and networking break

Regional Focus

12:00 **Focus on Middle East Panel: Coordinating vaccine logistics operations in the Middle East**

As Middle East countries ramp up vaccine plans, the region is already home to some of the highest inoculation rates in the world. This session will focus on the work that is being done across the region to vaccinate all citizens and residents and the lessons learned to date, examine any ongoing challenges and how these are being addressed and finally, examine the role the region can play in supporting the efficient and effective delivery of vaccines to other parts of the world.

- Vaccine programme implementation
- Partnerships and cross-border collaboration
- Accessing conflict areas

13:00 **Focus on Africa Panel: Overcoming complex logistical challenges to ensure equitable access to vaccinations across Africa**

With an estimated total population of over 1.2 billion across 54 countries, 33 of which are classified as 'least developed countries' (LDCs), the continent presents a significant funding and logistical challenge for authorities and NGOs working to ensure equitable access to vaccines across all communities. This session will bring together a range of experts to talk about how supply chain partnerships can help to bridge the gap, overcoming financial and infrastructural challenges to ensure all populations receive access to the COVID-19 vaccine.

- Overcoming infrastructure and storage challenges
- Funding and finance
- Accessing and supplying remote locations

14:00 **Focus on Asia Panel: Vaccine production and distribution across Asia**

Humanitarian efforts to deploy shipments of COVID-19 vaccines around the region are well underway, with millions of doses already committed and dispatched. This session will look at the latest developments in vaccine production and the current challenges facing distribution around the region, and how further collaboration and partnership agreements are supporting supply chain performance.

- Navigating regulatory hurdles
- Overcoming supply bottlenecks
- Accessing and supplying remote locations

15:00 **Closing Remarks**

15:15 End of World Immunisation & Logistics Summit 2021

Virtual exhibition and networking remains open until 17:00

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About HOPE Consortium



The HOPE Consortium is an Abu Dhabi-based public-private partnership offering a unique end-to-end supply chain solution capable of delivering large quantities of COVID-19 vaccines, from production to patients, anywhere in the world, safely, transparently and efficiently.

The HOPE Consortium has pooled the collective expertise of its partners to provide multi-faceted logistics services to handle transport, demand planning, sourcing, training, and digital technology infrastructure, to facilitate vaccine availability across the world.

The HOPE Consortium's founding partners consist of the Department of Health Abu Dhabi, Etihad Cargo, Abu Dhabi Ports, Maqta Gateway, Rafed, and SkyCell.

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DEPARTMENT OF HEALTH



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