Objective:
Share members’ experiences with the management of vaccine stockpiles; determining successes and challenges; identifying issues facing manufacturers in the management of stockpiles.

Outcomes:
Agreement on main challenges facing the management of vaccine stockpiles
Next steps: Development of case studies

Draft Agenda:
Day 1: Tuesday, 30 March 2021 (12.00-14.00pm CET)
12.00-12.05: Welcome (Lingjiang Yang)
12.05-12.25: Introduction to stockpiling (Steve Jarrett)
12.25-12.45: Oral cholera vaccine stockpile – presentation and Q&A (Rachel Park - Eubiologics)
12.45-13.05: Polio vaccine stockpile – presentation and Q&A (Taufik Wilmansyah - Bio Farma)
13.05-13.25: Meningitis and measles vaccine stockpiles – presentation and Q&A (Suresh Jadhav - Serum Institute of India)
13.25-13.55: Discussion
13.55-14.00: Summary (Lingjiang Yang)

Day 2: Wednesday 31 March 2021 (12.00-14.00pm CET)
12.00-12.05: Welcome (Lingjiang Yang)
12.05-12.20: Buffer stockpiles presentation and Q&A (KR Krishnamurthy - Bharat Biotech)
12.20-12.40: Yellow fever stockpile presentation and Q&A (Patricia Corrêa Santana - Bio Manguinhos)
12.40-13.10: Managing vaccine stockpiles (Hans Christiansen - UNICEF)
13.10-13.45: Discussion
13.45-13.55: Next Steps (Steve Jarrett)
13.55-14.00: Conclusion (Lingjiang Yang)

Guidance for manufacturers presenting:
- Present data on the throughput of vaccines from the stockpile (last 5 years)
- Clarify the contractual arrangements for keeping the stockpile
- Provide the lead time required for shipping the vaccine from order receipt
- Give details on the storage requirements of the stockpile and whether for bulk and/or finished product
- Indicate (if appropriate) fixed and operational costs of the stockpile
- Articulate the challenges faced in managing the stockpile
- Suggest ways stockpile management could be made more efficient

References:
1) Vaccines for epidemic infections and the role of CEPI:
   https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5718831/
2) Can vaccine stockpiles prevent the next pandemic?
   https://www.weforum.org/agenda/2017/01/can-vaccine-stockpiles-prevent-the-next-great-pandemic/
3) The first use of the global oral cholera vaccine emergency stockpile: Lessons from South Sudan:
   https://journals.plos.org/plosmedicine/article?id=10.1371/journal.pmed.1001901
4) Disease never sleeps: Yellow fever and the importance of vaccine stockpiles in emergency epidemic prevention:
5) The development of global vaccine stockpiles:
   https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4712379/
6) Vaccine stockouts around the world: Are essential vaccines always available when needed?

https://www.researchgate.net/publication/315905974_Vaccine_stockouts_around_the_world_Are_essential_vaccines_always_available_when_needed