

Developing Countries' Vaccine Manufacturers' Network International

Improving vaccination for all people



Developing Countries Vaccine
Manufacturers Network

Mission: our purpose and mandate



- To **protect all people** against known and emerging infectious diseases, by **improving the availability of high-quality vaccines** globally.

DCVMN International

- It is a **voluntary, non-governmental, non-partisan, not-for-profit**, public health driven alliance of vaccine manufacturers, research and policy organizations from all over the world.
- Operates based on principles of **international scientific, technical and economic cooperation.**

Developing Countries Economies



- developing economies according to the IMF
- graduated to developed economy cf. World Economic Situation Prospects UN report

https://www.un.org/development/desa/dpad/wp-content/uploads/sites/45/WESP2019_BOOK-web.pdf

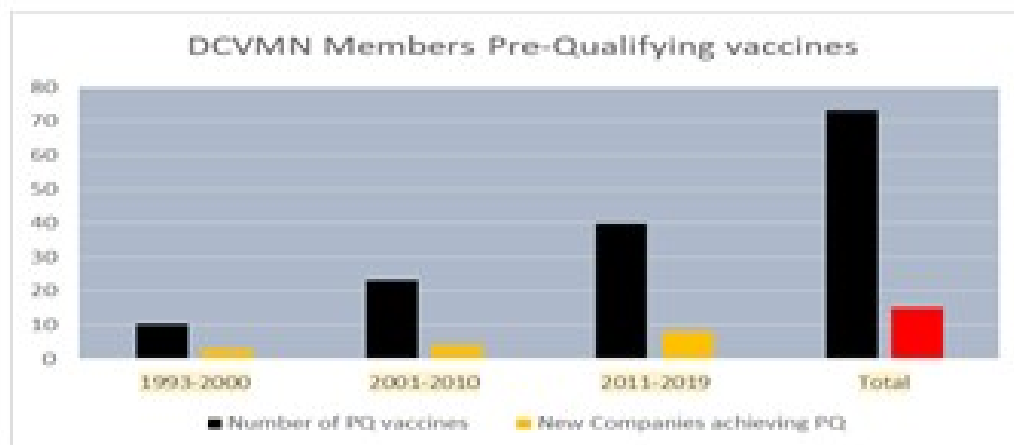
DCVMN 2019: 43 manufacturers from 14 countries and territories

- A global network of 43 manufacturers producing vaccines for over 170 countries.
- Network supplied 1.3 billion vaccine doses to UNICEF in 2017.
- The largest alliance of vaccine manufacturers worldwide.
- 35% of manufacturers are state-owned institutions



DCVMN members achieving WHO Pre-Qualification

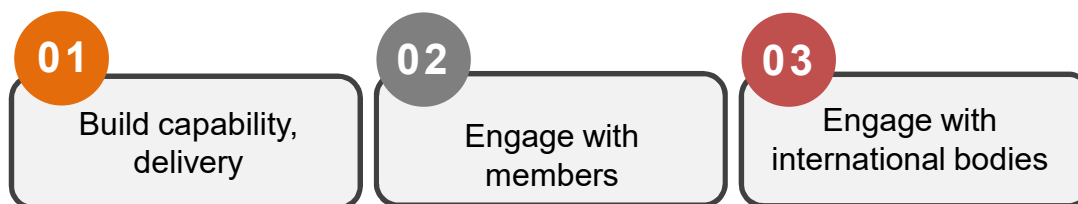
Manufacturer (Year)	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	PQ vaccine
Shantha/India													1		2	1	4
Bio Q/India																1	1
Biolis/Israel							1										2
Cadila/India																1	1
ChIBQ/China																	1
Toll/Spain/Vietnam																	1
GreenDot/India																	1
GreenDot/India																	1
Harbinger/India																	1
ICC/India/Vietnam																	1
Panacea/India																	1
Shantha/India/India				2	2		1	1	2	1		1	1				15
Unilever/India/India	1	1					1	2	1	2		1	1	1		2	11
Sinovac/China																	1
SI BioScience																	1
Total	3	1	1	2	2	1	1	3	3	3	4	5	5	4	3	3	73
# PQ vaccine	3	1	1	2	2	1	1	3	3	3	4	5	5	4	3	3	73



- Today 15 DCVMN members have vaccines PQ by WHO.
- As of September 2019, a total of 73 vaccines produced by DCVMN members had been pre-qualified by WHO. This accounts for almost 50% of the total number of vaccines earning PQ status.
- Since 2014 DCVMs have Pre-Qualified 28 vaccine types. This achievement is correlated with the BMGF funding to Network members.
- The number of PQ vaccines and DCVMs engaging in global supply has increased significantly each decade.

Hayman & Pagliusi
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7242873/>

Three main goals:



2019-21: 6 initiatives:

	1. Expand training program GDP, GCP, GLP, GPVP	●	●	
	2. Sharing best practices Expert working groups	●	●	
	3. Regulatory convergence Test methods, submissions	●	●	●
	4. Access to expertise Databases, webinars	●	●	
	5. Technology adoption through AGM engagement		●	●
	6. Pharmacovigilance System strengthening	●	●	●

DCVMN Secretariat



Regulatory Expert, Dr. Nora Dellepiane

Dr. Dellepiane takes the lead on helping DCVMN overcome challenges around global vaccine registrations. (Consultant)



Project Manager, Dr. Maureen Donnelly

Dr. Donnelly mentors mock-audit projects globally for DCVMN, and also manages the expert webinars. (Consultant)



Pharmacovigilance expert, Ms. Katharina Hartman

Ms Hartman is building a working group to strengthening pharmacovigilance functions. (Consultant)



Research Associate, Mr. Benoit Hayman

Mr Hayman is responsible for supporting DCVMN memberships and partnerships, members surveys and innovative technologies.



Supply chain expert, Mr. Steve Jernett

Mr. Jernett is leading supply working group to increase supply efficiency (Consultant)



IT Manager, Mr. Luc Machy

Mr. Machy is responsible for DCVMN's website, and has recently developed an e-learning platform for DCVMN members. (Consultant)



Executive Secretary, Dr. Sonia Pagliani

Dr. Pagliani is responsible for all operations globally, donors relations, fiduciary, memberships and partnerships management.



Event coordination, Mrs. Sonja Villawaser

Mrs Villawaser is responsible for coordination of events and Annual General Meeting 2020.



3Rs Expert, Ms. Laura Viviani

Ms Viviani is responsible for supporting DCVMN in the implementation of 3Rs (Replace, Reduce, Refine) animal testing.



Accounting

Multifiduciary Geneva handles all of DCVMN accounting activities, as well as taxes.



HR Manager

Responsible for salaries and social benefits schemes, as to local regulations.



Individually we are one drop, together we are an ocean

Ryunosuke Satoro

THANK YOU

www.dcvmn.org