

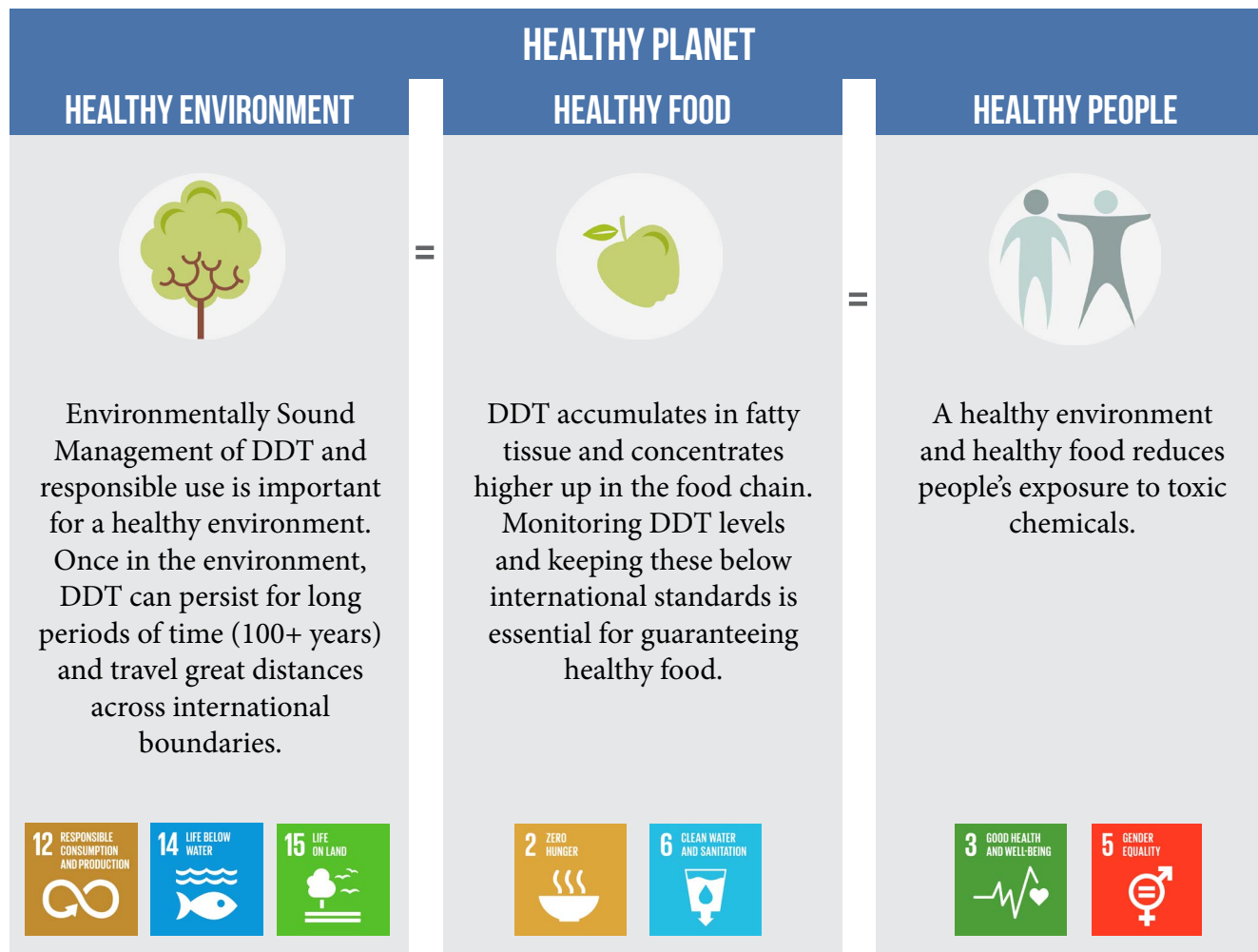
TOWARD ALTERNATIVES TO DDT

INTRODUCTION TO DDT

DDT, or dichlorodiphenyl trichloroethane, is a chemical that has dangerous effects on the environment and human health. To date, DDT is used as an insecticide for disease vector control, for example to fight malaria and leishmaniosis.



A TRANSITION AWAY FROM DDT TOWARD LOCALLY SAFE, EFFECTIVE, AFFORDABLE AND ENVIRONMENTALLY SOUND ALTERNATIVES IS KEY FOR A SUSTAINABLE FUTURE.



17 PARTNERSHIPS FOR THE GOALS



The Global Alliance is a global multi-stakeholder mechanism under the Stockholm Convention that promotes the development and deployment of alternative products, methods and strategies to DDT for disease vector control.

The Global Alliance addresses two key themes:



The Way Forward for a Transition
Away from DDT

ALTERNATIVES TO DDT

Inventories, Safe Storage
and Elimination

DDT STOCKPILES

The Stockholm Convention is a global treaty that aims to protect the environment and human health from DDT and other chemicals, called Persistent Organic Pollutants. It restricts DDT production and/or use only for disease vector control purposes.

A GLOBAL PARTNERSHIP

THE GLOBAL ALLIANCE

A global multi-stakeholder mechanism that promotes and encourages the development of effective, affordable and environmentally sound alternatives to DDT for disease vector control.



TANZANIA - PERSISTENT ORGANIC POLLUTANTS CONTAMINATED MATERIALS ARE BEING SHIPPED FOR PROPER DISPOSAL

Source: Global Environment Facility

THE GLOBAL ALLIANCE

The Global Alliance was established by the Conference of the Parties (COP) to the Stockholm Convention at its fourth meeting in 2009 (decision SC-4/2). The Global Alliance leads the way toward developing alternatives to DDT by:

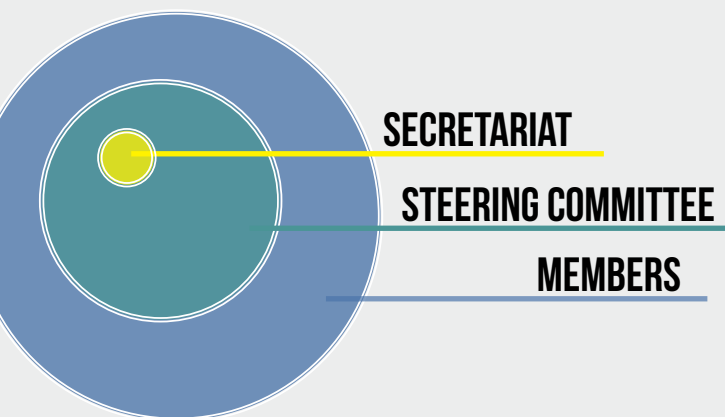
- Defining strategies and facilitate activities
- Providing targeted assistance and developing guidance materials
- Raising awareness
- Encouraging global and regional coordination and exchange of information between different stakeholders

The Global Alliance provides updates on progress of work to every meeting of the COP to the Stockholm Convention and the United Nations Environment Assembly (UNEA). At these meetings, important decisions are made regarding the activities of the Global Alliance.

Strengthen the means of implementation and revitalize the global partnership for sustainable development.

17 PARTNERSHIPS FOR THE GOALS





A MULTI-STAKEHOLDER MECHANISM

The Global Alliance is coordinated by the secretariat, hosted by UN Environment's Chemicals and Health Branch. The secretariat works in close collaboration with the Basel, Rotterdam and Stockholm Conventions Secretariat.

The Global Alliance is composed of a Steering Committee and Global Alliance members. The

Steering Committee oversees the work of the Global Alliance and meets annually to review the activities undertaken and establish the direction for future work. Membership to the Global Alliance is open to governments, inter-governmental organizations, donors, non-governmental organizations, industry, experts/academia, Stockholm and Basel Conventions Regional Centres and business sectors.

ACTIVITIES

The Global Alliance undertakes a number of activities within the context of the Road Map for the Development of Alternatives to DDT. The Road Map provides a thematic guide and sketch the steps that are needed for the development and deployment of alternatives to DDT for the purpose of disease vector control to Parties to the Stockholm Convention and other global stakeholders.

The Global Alliance is a key stakeholder for the coordination and implementation of the Road Map for the Development of Alternatives to DDT. The secretariat of the Global Alliance

reports progress on implementing the Road Map to the COP, including the global situation of DDT need, production, trade, use, environmental and human exposures, Global Environment Facility (GEF) projects, progress on developing chemical and non-chemical alternatives and elimination of DDT stockpiles.

Other concrete activities by the Global Alliance include assisting with preparations for the COP; coordinating the UNEA; and coordinating meetings of the Steering Committee.

CONTACT US!

Do you have questions about the Global Alliance or its activities? Would you like to become part of the Global Alliance?

E-mail: science.chemicals@unep.org

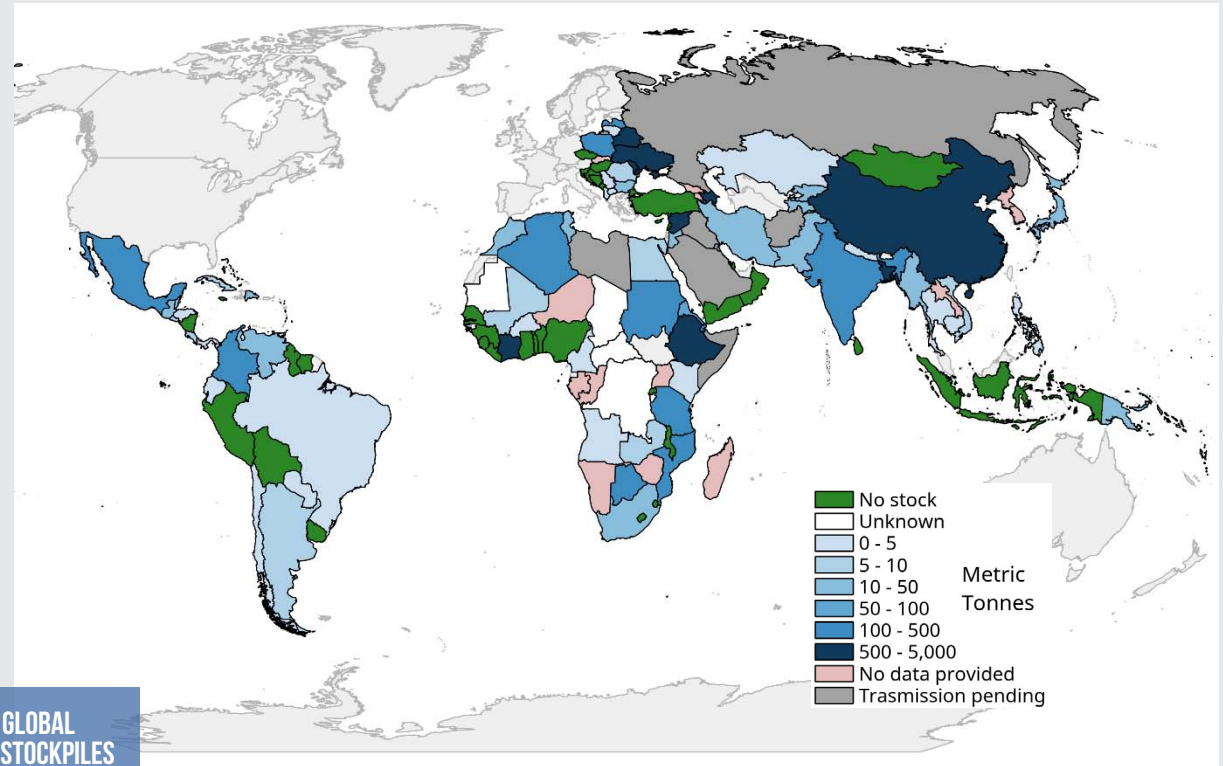
or visit the **Global Alliance page on our website**
web.unep.org/chemicalsandwaste

INVENTORIES, SAFE STORAGE AND DISPOSAL

DDT STOCKPILES

*Safe chemicals
management is key for a
healthy environment.*

ESTIMATE OF THE GLOBAL
DISTRIBUTION OF DDT STOCKPILES



STOCKPILES

DDT storage for future use

OBSOLETE STOCKPILES

Useless DDT amounts in storage

The global amount of stockpiles is estimated at 20,000 tonnes, of which the majority are obsolete stockpiles. However, the amount is expected to be much higher. The largest stockpiles are likely to be located in former Soviet Union countries, Africa and China.

INVENTORIES

Each Party to the Stockholm Convention is required to gather information on DDT stockpiles. The table below shows the number of countries per region that have stockpiles according to National Implementation Plans (NIPs) and other sources.

DDT STOCKPILES IN METRIC TONNES (MT)

Region	N° of Countries	NIP	Other sources
AFRICA	21	1,116	9,271
GROUP OF LATIN AMERICAN AND CARIBBEAN COUNTRIES (GRULAC)	15	213	50
ASIA-PACIFIC	17	645	1,918
CENTRAL AND EASTERN EUROPE (CEE)	12	7,536	404
TOTAL	65	9,510	11,643
TOTAL AMOUNT OF STOCKPILES	21,153		

TRANSBOUNDARY TRANSPORT AND DISPOSAL

A limited number of countries in the world has the capacity to dispose of DDT stockpiles. In many cases, transboundary transport by water or land is necessary prior disposal. The Basel Convention provides technical guidelines for transboundary transport of hazardous chemicals. Some frequently faced issues with regard to transboundary transport are legal aspects, import and export bans and high costs.

SAFE STORAGE

Safe management of DDT stockpiles is key to prevent contamination of the environment and to avoid any exposure to humans.

Safe chemicals management

15 LIFE

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_9195

