

# THE CHALLENGE

The Ebola outbreak of 2014-15 and other recent pandemics have highlighted the urgent need for centralized information at global level to guide and improve coordination of efforts to develop new health products for neglected diseases and populations.

Until now, **less than 5 percent** of new products that have been submitted for regulatory review have referenced product profiles in the R&D process. This has contributed to uncoordinated and ineffective research and development in these areas.



# THE OBJECTIVES

Provide a **repository** for existing health product profiles



Introduce **standardization** in the description of health product profiles



Enable high-level **landscape analyses** of R&D activity



Emphasize **access, equity and affordability** as integral to the innovation process



## HEALTH PRODUCT PROFILE DIRECTORY

For smarter, more efficient R&D to tackle global health priorities

The Health Product Profile Directory is an online resource that guides the development of new health products for which there are limited markets or incentives for research and development. An essential tool for realizing universal health coverage, the Directory aims to promote research and development for products to combat neglected diseases and threats to global health, including antimicrobial resistance and diseases with pandemic potential.

The Health Product Profile Directory is a **free-to-use online resource** created and developed by TDR on behalf of WHO as a global public good. It provides a searchable database that outlines the 8-10 key characteristics used to describe desired health products, including **medicines, vaccines, diagnostics and medical equipment**. Links are provided to access the full product profile document where this is publicly available.

The Directory includes profiles developed by WHO and other entities. The Directory can also be accessed through the WHO Global Observatory on Health R&D, where other key resources in this area can be found.



# THE SOLUTION



Indication



Intended use



Target population



Measures of efficacy



Safety



Dosage

## KEY COMPONENTS OF PRODUCT PROFILES

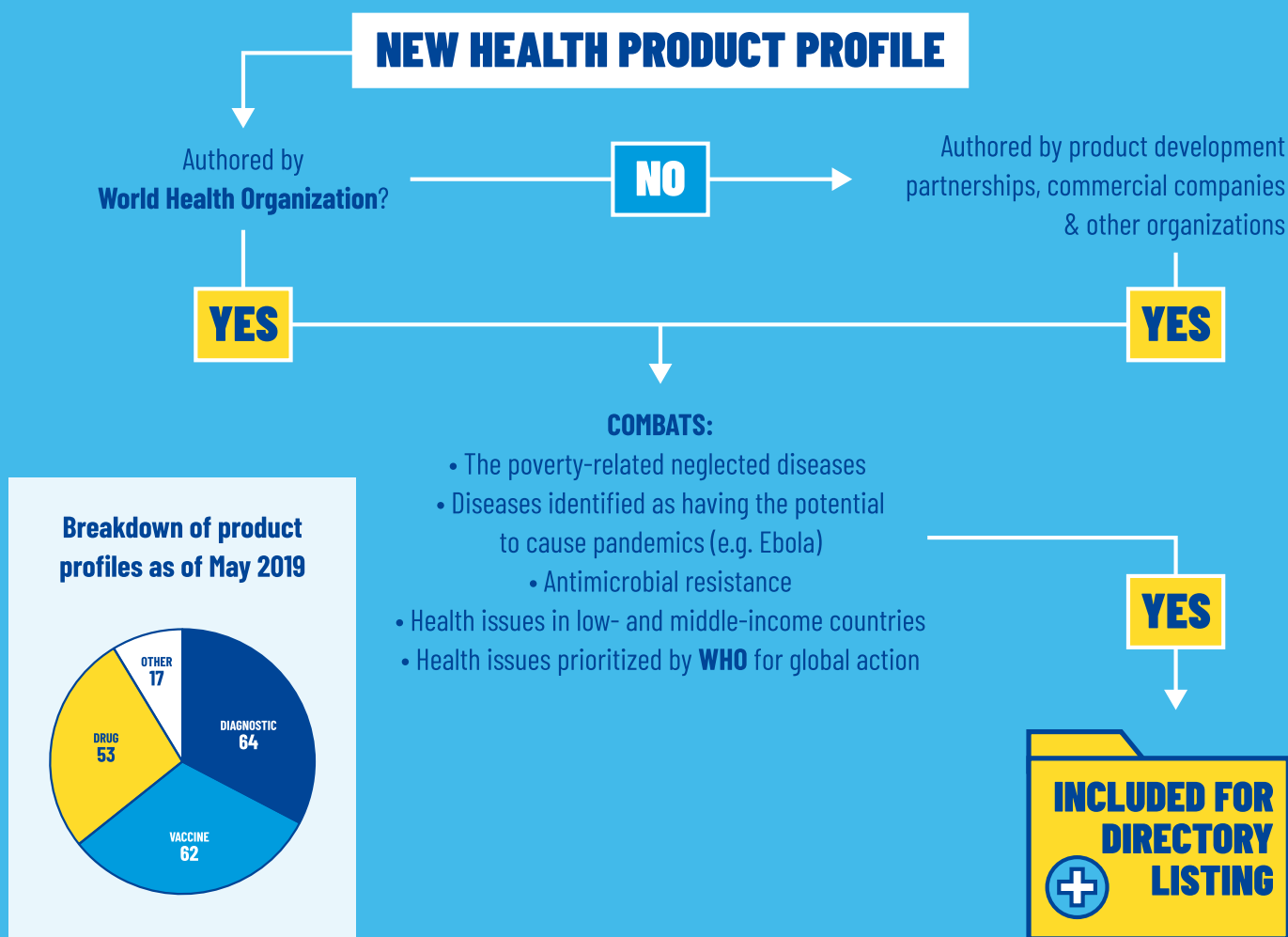


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# WHAT ARE THE INCLUSION CRITERIA FOR A HEALTH PRODUCT PROFILE TO BE LISTED IN THE DIRECTORY?



Examples of defined product characteristics that have successfully guided R&D

## MENINGITIS VACCINE



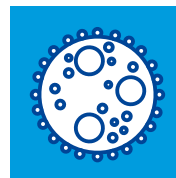
### KEY PRODUCT CHARACTERISTIC

The price must be less than US\$0.50 per dose.

### OUTCOME

The Meningitis Vaccine Project identified the Serum Institute of India as the manufacturing partner who agreed to develop the vaccine (MenAfriVac) at less than US\$0.50 per dose.

## LASSA FEVER VACCINE



### KEY PRODUCT CHARACTERISTIC

The vaccine should provide protection for five years after a single dose.

### OUTCOME

CEPI, the Coalition for Epidemic Preparedness Innovations, is following the WHO target product profile in developing the vaccine.