

## GLOBAL AMR R&D HUB: Provisional Work Plan 2018-2021

### Vision

The main goal of the GLOBAL AMR R&D HUB is to promote high-level coordination among governments and upstream funders from different world regions, in order to better align national and international efforts in the fight against AMR.

For that, two main lines of activities have been identified for the work plan, namely:

(1) building on existing mapping exercises and other relevant information in form of a “meta-mapping”, to develop a close to real-time Dynamic Dashboard providing information and analysis at a high level on current R&D related global or regional or national initiatives, R&D funding flows and R&D activities in the field of AMR; and

(2) to define the main operational activities and procedures for the GLOBAL AMR R&D HUB.

This work plan covers a timeframe of three years of operation, focussing mainly on concrete operational activities for the first year. The work plan may be adapted in a dynamic way, in order to respond to the rapidly evolving field of antimicrobial resistance. The work plan has been established in consultation with a selected set of stakeholders.

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## 1 Development of a Dynamic Dashboard

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### Rationale

The central deliverable of the GLOBAL AMR R&D HUB will be a close to real-time Dynamic Dashboard providing information and analysis at a high level on current initiatives, funding flows and activities in the field of AMR R&D. The information will be analysed and shall inform policy makers in their decision making on strategic investments and actions in AMR R&D.

This information will be publically available. A prerequisite for achieving this goal is to have a full picture of the AMR R&D landscape, including all available mappings shared by other contributing organisations (such as WHO) actively working to combat AMR.

In a long-term perspective, the Dynamic Dashboard should reflect the One Health approach and should comprise information relating to human and animal health as well as environmental aspects. This should be further developed in cooperation with other relevant stakeholders such as FAO, OIE and UNEP.

It should comprise information on the complete chain of research and development for new antimicrobials, diagnostics, and prevention measures/technologies including vaccines, and include push and pull incentives. In order to be able to show early success and to address a high medical need, the Dynamic Dashboard will concentrate its initial focus on the pipeline of new products against human bacterial infections. Once the Dynamic Dashboard is established, it will be extended in order to address the complete scope of the GLOBAL AMR R&D HUB. It will be a continuous task to keep the Dynamic Dashboard up to date and establish and maintain the relationship with organisations that are the source of various mapping data, in order to keep the information current and accurate without duplicating efforts in mapping data collection and management.

The Dynamic Dashboard will use and link to existing sources of information such as the WHO global observatory on health R&D and the R&D pipeline data contained therein.

By gathering information on funding flows, the Hub will help inform the monitoring of the Global Action Plan on AMR.

**Activities envisaged**

Item	Timeline
<b>Content of the Dynamic Dashboard</b>	
Develop a roadmap on building the form and content of the Dynamic Dashboard (which information is readily available, which information is missing, where to get it, how to fill the gaps, who to consult to obtain data already mapped, which information to start with, how to continue in order to eventually fulfil the One Health approach).	Year 1
Start with information on, and data from, current mapping exercises on initiatives and current activities for new diagnostics, treatments and prevention measures for WHO priority pathogens and tuberculosis.	Years 1-2
Collect (and prioritize) further topics to be included in the Dynamic Dashboard.	Years 2-3
<b>Technical aspects</b>	
How to best link to existing data sources and databases such as the WHO global health R&D Observatory.	Year 1
Plan and prepare a database to store various kinds of information feeding into the Dynamic Dashboard, including both existing and new data.	Year 1
<b>Formal steps to collect information and derive options for political action</b>	
Retrieve information on current activities and needs in the first area of AMR R&D pre-specified in the above-mentioned roadmap.	Year 1
Request information on R&D funding and activities from Hub members.	Year 1
Analyse gathered information to derive options for political action.	Year 1-2
Publish first information, interim analysis and/or progress report.	Year 1
Publish information and analyses on a Dynamic Dashboard.	Year 2
Feed results of the analysis back to Hub members and other stakeholders.	Year 2

## **2 Operational activities**

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### **Rationale**

A lean secretariat will be set up in order to deliver the work of the GLOBAL AMR R&D HUB. The general tasks of the Secretariat include, but are not limited to, the organisation of the Board Meetings, the set-up and support of Expert Advisory Groups and the interaction with stakeholders. In addition to that, concrete operational activities are necessary steps to ensure the working capacity of the Hub and are foreseen to be the most intense during the first year.

### **Activities envisaged**

Item	Timeline
Recruitment of further Secretariat staff with requested technical expertise.	Year 1
Finalisation of the Terms of Reference for the Hub	Year 1
Development of Rules of Procedure of the Hub as an addendum to the Terms of Reference.	Year 1
Finalisation of the Work Plan.	Year 1
Development of a strategy for interaction and formalize cooperation with existing funding and implementing initiatives.	Year 1
Development of a public relations strategy and a communication plan.	Years 1-2
Public relations activities such as presentation of the GLOBAL AMR R&D HUB and its achievements at international meetings and conferences.	Years 1-3
Advocacy for the GLOBAL AMR R&D HUB and the importance of the topic AMR itself.	Years 1-3

## **3 Other specific topics of interest**

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### **Rationale**

Additionally, the GLOBAL AMR R&D HUB will discuss specific topics of interest to its members by engaging experts in ad-hoc Expert Advisory Groups.

### **Activities envisaged**

Item	Timeline
Understanding incentives: discussing the whole range of R&D incentives and putative gaps in the incentive toolbox	Year 1