Paragraph 9.15:

- work together with Member States, the medical and scientific community, and laboratory and surveillance networks,
- to promote early, safe, transparent and rapid sharing of samples and genetic sequence data of pathogens of pandemic and epidemic, or other high-risk, potential,
- taking into account relevant national and international laws, regulations, obligations and frameworks, including, as appropriate, the International Health Regulations (2005), the Convention on Biological Diversity and the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization and the Pandemic Influenza Preparedness Framework and
- the importance of ensuring rapid access to human pathogens for public health preparedness and response purposes;

WHO is working in accordance with WHA 74.7

WHO BioHub System
Approach to developing the WHO BioHub System

Stream 1
Pilot Testing

Stream 2
System Design
Stream 1 pilot-testing update

Pilot-testing countries:
- Italy *
- Japan *
- Peru
- Switzerland *
- Thailand *
- Egypt
- Luxembourg *
- El Salvador
- South Africa
- UK
- Portugal

Current variants available in the WHO BioHub Facility:

<table>
<thead>
<tr>
<th>Provider Member State</th>
<th>Variant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luxembourg</td>
<td>Alpha, Beta, Gamma, Delta</td>
</tr>
<tr>
<td>South Africa</td>
<td>Omicron</td>
</tr>
<tr>
<td>UK</td>
<td>Omicron</td>
</tr>
</tbody>
</table>

* MS that inputted in the Standard Material Transfer Agreements 1 and 2 for non-commercial sharing
Stream 1 pilot-testing update

Omicron first reported to WHO from South Africa

Wednesday - 24 November 2021

WHO is notified by SA about intention to send BMEPP through the BioHub

Monday - 29 November 2021

WHO BioHub SMTA related materials signed

Saturday 4 December 2021

Booking form received from Provider

Monday and Tuesday - 6,7 December 2021

Courier pick up from Provider

Wednesday and Thursday – 8 & 9 December 2021

BMEPP arrival in WHO BioHub Facility

Thursday and Friday – 9 &10 December 2021

Average total days from request to delivery was 8.75 days
Stream 2 – updates on technical consultations with stakeholders

**Research**
Handling research results and appropriate recognition of contributions

*Key (technical) stakeholders:* Lab networks, scientists and biorepositories etc

**GSD**
Sharing of Genetic Sequence Data

*Key (technical) stakeholders:* Legal experts and civil society and industry, other UN agencies, etc

**IP**
Intellectual Property Rights

*Key (technical) stakeholders:* Legal experts and civil society and industry, other UN agencies, etc

**Access to benefits arising from the sharing of BMEPP**
Difference between non-commercial and commercial benefits

*Key (technical) stakeholders:* Legal experts esp. on Nagoya, civil society and industry involvement, etc
Upcoming technical consultation on ABS

Informal engagements to prepare the technical consultation
Seeking MS input to better prepare for the technical consultation. Industry

Background document prep
Creating background document to aide discussions

Technical consultation with stakeholders
Tentative date 22 March 2022

WHO Secretariat reporting
Compile feedback and prepare text for reporting

WHO BioHub System
Aim and questions to explore related to the technical consultation

Technical consultation aim: to line up key considerations that could inform further discussions on the design of the WHO BioHub System.

For the purpose of the consultation, MS may want to consider the following questions:

1. What do you consider to be the most important benefits the WHO BioHub System should deliver and to whom?

2. What are the benefits that your stakeholder group would find most difficult to provide, if you were to participate in the System?

3. What are potential access and benefit sharing arrangements for the WHO BioHub System that would advance public health goals in an epidemic or pandemic situation?
Thank you!

https://www.who.int/initiatives/who-biohub/

WHO Secretariat can be reached for any further inputs at: biohub@who.int