








## How to Use the Mobile App

Users can navigate or search and contrast desired aspects of the biosafety, biosecurity, or dual-use oversight to learn the current practices of the IEGBBR members' oversight systems. Once you have downloaded the app, you can read the three examples below that describe how to use the tool. The regulatory biosafety, biosecurity and dual-use systems of the 11 IEGBBR members represent a range of varying approaches to oversight. This variety means that you will need to use a combination of navigating and searching to locate the desired content of interest. When searching in the Biosafety and Biosecurity module, you might also need to consult the List of Cross Reference terms due to the variability in terms used by the national regulatory authorities. Users can also consult the hundreds of hyperlinks to access additional information from the IEGBBR member countries.

Mobile app features include:

-  Menu for navigation
-  Search (highlighted)
-  Filter countries
-  Print .pdf
-  Note-taking
-  Language toggle
-  Voice input


### User Query Example 1: Which pathogens and toxins should the biosafety and biosecurity oversight system cover?


Go to the biosafety/biosecurity module and then navigate to Part 1.4 as a starting point. You will see that some of the oversight systems are list-based, some cover pathogens/toxins assessed at a certain Risk Group or higher, and some are activity-based – regulating based on the degree of risk of the proposed activity with a specific agent. Some of the systems regulate human and animal pathogens separately and some address biosafety and biosecurity separately. From there, you can follow any number of different explorations, which will lead you to other sections of the app. For example, after understanding the basis of the oversight system, you might next consult Part 1.2 that defines the risk group and biocontainment designations.

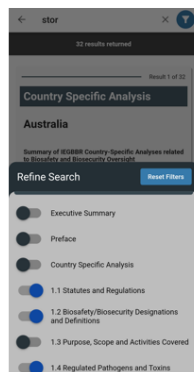


## User Query Example 2: What are the storage requirements for pathogens?

In this example, the information will not all be in one section of the app. You will find this to be the case for many aspects of the oversight systems, given how different the 11 oversight systems are. Therefore, you will need to perform a search to yield the most relevant results. Use a wildcard search for the partial term “STOR”, which will return results for both the verb *store* and the noun *storage*. You will receive a large number of results, since this is a major concept of the oversight systems. Next, use filters to remove sections or countries that might be less relevant for you. The main content of interest will be distributed among different sections. This is because storage requirements are captured differently in the different oversight systems: under standards or similar policy instruments in Part 1.5, part of the regulatory authorization process or requirements (Part 2.1), or part of regulatory notifications (Part 2.3).

 Use a wild-card search for “STOR”

 Filter the sections and/or countries



Part 1.5  
Part 2.1  
Part 2.3



Cross-Reference Terms  
Access the hyperlinks

Some countries do not have many results among the hits. This is partly because storage isn't considered separately under the oversight system, but rather is considered at the stage of categorization of the biocontainment required for a given class of activity,

or as a part of the risk assessment and notification process. An additional reason for a lack of results for some countries in this example is that different oversight systems employ different terminology—which is mainly a challenge in the biosafety and biosecurity module. If a country isn't being returned in your search results, consider that it could be due to terminology differences. Consult the List of Cross-Reference terms to help with your searches. For this example, you will see different terms used for storage, including derivations of possession, retention, and stockpile. Use alternative search terms to get the regulatory details of pathogen storage for the remaining countries that weren't returned in the previous results.

### User Query Example 3: What measures should be considered for Dual-Use oversight?

Measures for the oversight of dual-use are highly interwoven into a number of relevant objectives: biosafety, biosecurity, ethics, and international commitments that also touch on foreign policy, national defence and national security interests. The descriptions of the dual-use oversight systems of the IEGBBR members demonstrate how dual-use oversight measures can be woven into existing regulatory and non-regulatory frameworks. For searches related to dual-use, begin with consulting the executive summary and national summaries, or searching for or navigating to the area of interest.

The key to the oversight of dual-use is to understand the many possible intervention points to identify, assess, manage and mitigate dual-use risks, and to determine which will work best in your national situation.