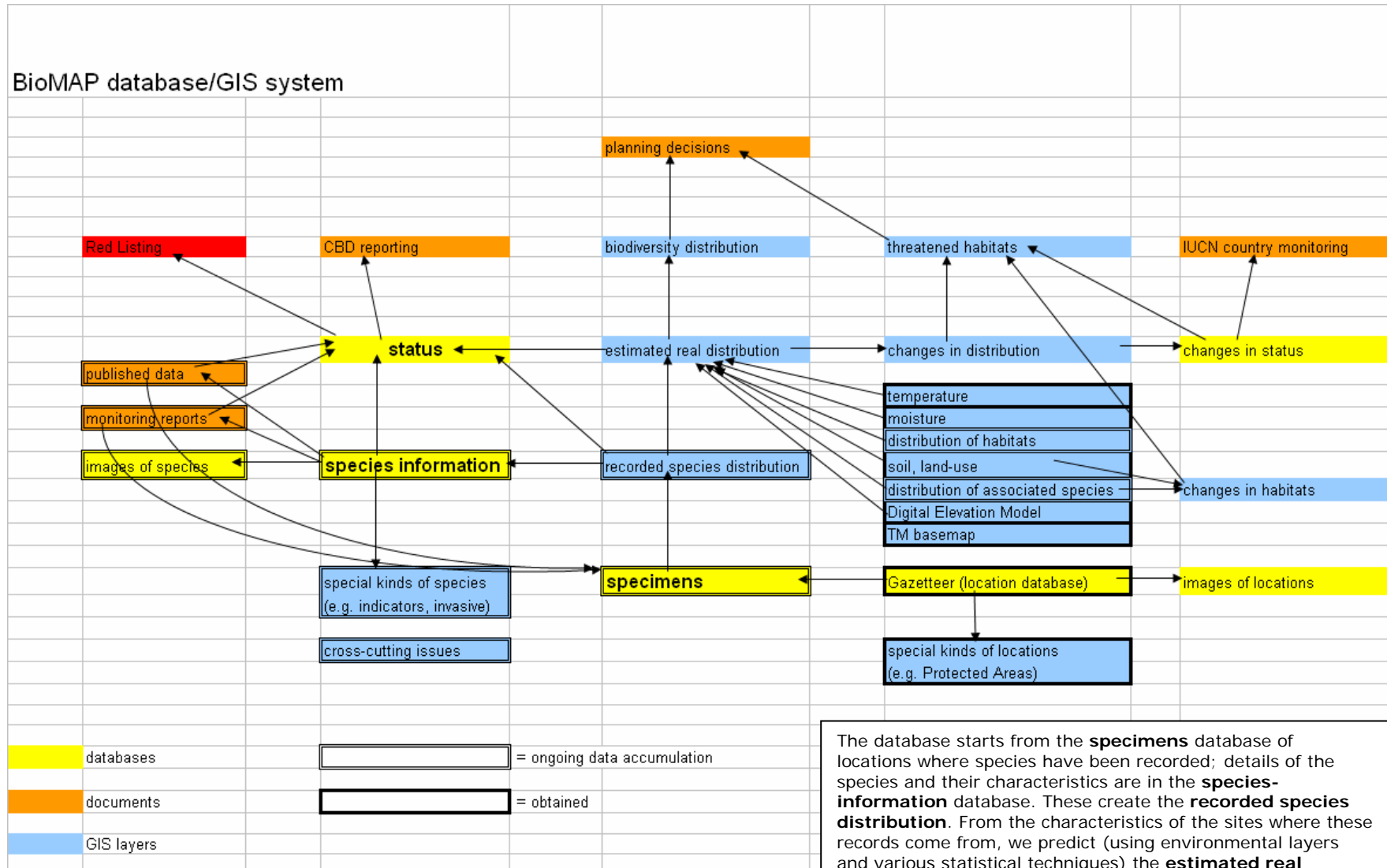


**Appendix 5: design of the database system of BioMAP**



The database starts from the **specimens** database of locations where species have been recorded; details of the species and their characteristics are in the **species-information** database. These create the **recorded species distribution**. From the characteristics of the sites where these records come from, we predict (using environmental layers and various statistical techniques) the **estimated real distribution**; when superimposed on one another, these create the **biodiversity distributions**. Regular monitoring creates new sets of recorded locations, from which we track changes in status and distribution. These will inform planning decisions, and constitute the product for end-users.