Botanical Garden is a garden dedicated to

the collection, cultivation and display of a wide range of plants labelled with their botanical names. It may contain specialist plant collections such as cacti and other succulent plants, herb gardens, plants from particular parts of the world, and so on; there may be greenhouses, shadehouses, again with special collections such as tropical plants, alpine plants, or other exotic plants. Here in Lucknow (where I live) we also have a Botanical Garden which is huge ! Comprising a collection of 6,000 indigenous, ornamental and exotic taxa, designed to capture a living nucleus of plant wealth for posterity. There are even shows dedicated for showcasing the plants and help people understand the importance of saving our environment. People even purchase plants from these shows.
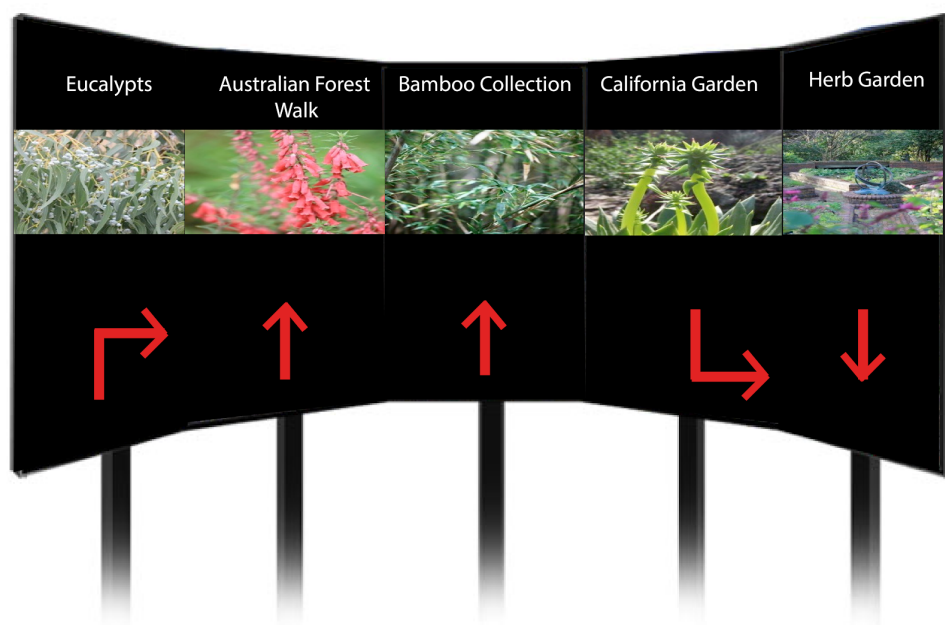
Here are some use cases for the Liquid Galaxy in Botanical Gardens :

1) Using Liquid Galaxy to display the routes and regions having the various plants and species.

Liquid Galaxy can be used to display the routes to the various species in a Botanical Garden since Botanical Gardens are huge in area so if a person has come to see some particular species then he can directly got to the desired location without worrying about anything. This can be dynamically updated to display other locations after a particular interval of time like 5-10

seconds. The old people who visit these Botanical Gardens will have easiness as due to their old age they are prone to things like less hearing capabilities and even feel insecure to talk to other people. So they won't need any one to accompany them and they can independently visit any location they want.

Here is an illustration showing the desired use :

2) Using Liquid Galaxy to display the information about the particular plant or species :

Liquid Galaxy can be used to display the information about the particular plant as we are mostly clueless about the details of the plants. Even when we visit Botanical Gardens we just see the plants but don't get any useful information about the plants. So we can deploy Liquid Galaxy infront of

each plant which will display useful information about the plant such as the other names, height, width, where it is found, specialities of the plant and species, life, weather conditions required by it, etc.

Here is an illustration showing the stated use case :

3) Using Liquid Galaxy's Panoramic Capability to give tours:

We can also extend the Liquid Galaxy to give tours to people using Treadmills. Here is a video demonstration found on the Youtube Channel (https://youtu.be/MC4JOrFcaDo?t=1m43s) where the user is walking on the Treadmill and the Liquid Galaxy is changing views according to the speed of the user letting him experience the place. So we can implement this to give tours to people to the forest where these plants are found. Let's say that a user walks into the Oaks section so now he can also see Patriarch

Oak (which is one of the oldest oaks) present in the Belovezhskaya Pushcha National Park. So using Liquid Galaxy he can take a walk in the Belovezhskaya Pushcha National Park and have a real life experience. This can also help the old people as they can't walk much so instead of treadmills they can be shown the tour using Liquid Galaxy and they can also experience the same without the need of walking.