**Findings**

With Lithium mining as the center, I’m divided into four parts and will become the key stakeholder in the report. The first place is a financial institution. The financial institution can be divided into banks and mining companies. The primary role of banks is to provide funds or invest in projects. Some mining companies which are Wesfarmers,Galaxy Resources Limited and Altura Mining Limited operate in Australia. Altura is the leading supplier of mines. In addition, the environmental protection organization is one of the key stakeholders. Even though Lithium mine can bring us new energy, the environment will also be affected. The article of The Environmental Impact of Lithium Batteries indicates that most electronics such as unwanted MP3 players and laptops are thrown away[1]. The metal in the electrodes and the ionic liquid in the electrolyte can leak into the environment. It causes that the environment has been polluted. Last but not least, the client can be separated into local and import. Some countries such as China and Japan rely on Australian spodumene, one of the elements used to make the battery. Therefore, Lithium mining has taken over the market. All in all, employment is one of them. Worker and technical personnel have gained employment opportunities in this project. It is an excellent solution to solve the employment problem, but also technical personnel can develop the latest technology to enhance production efficiency and reduce environmental pollution.

**Discussion**

It must be considered that financial institution and government benefits the most. The Financial institution can receive substantial funding from projects. It can connect to different systems. The mine needs to be transported to the processing plant, or some industries were needs battery. The Financial Institution can benefit more by partnering with companies in the transportation industry. As the market demand increases, the economy of the Australian government will rise. The country's comprehensive strength will be enhanced. The government can also connect different systems because the technology for extracting lithium is constantly evolving. The government may allow universities to set up specialized majors or courses to study. Meanwhile, the government also solve the employment problem. It is like a cycle. Environmental protection organization is marginalized in the project. The first reason is that as the technology improves, the original problems will be solved. The second reason is that Although mining lithium ore will bring pollution to the environment, we only need to collect the pollutants to ensure that they are not discharged into the environment.

References

# IER. (2020, November 12) The Environmental Impact of Lithium Batteries. Available from https://www.instituteforenergyresearch.org/renewable/the-environmental-impact-of-lithium-batteries/