

Bauxite has been defined as an important resource for socio-economic development of the region. But, many scientists, environmentalists and cultural experts disagree and have expressed their strong concerns on the negative impacts of the mining. They also point out that the government exaggerates the economic benefits [8].

5. Conclusion

The huge bauxite potential of Vietnam is worth to develop to an industry of suitable size for the public and economic benefits. Using an up-to-date technology level environmental impacts caused by mining and refining could be overcome if the government imposes a sustainable, transparent and consistent policy that balances the interests of the areas of mining and beneficiation and locations of refining and smelting, and also the interests of the state, the companies and the public.

6. References

1. Introduction of the Vietnamese Bauxite-Alumina and Aluminium Industry, www.vinacomin.vn.
2. Decision No. 167/2007/QĐ-TTg of Prime Minister on approval of the Master Plan on Exploration, Exploitation, Processing and Refining, and Use of bauxite ores in the 2007-2015 period, with the 2025 vision taken into consideration, dated on November 1st 2007.
3. KẾT QUẢ PHÂN TÍCH, Đại học Quốc gia TP. HCM, 10/12/2010 (Analysis Results done by National University of Ho Chi Minh City for Tan Binh plant).
4. Tran Minh Huan, George Bánvölgyi, Lưu giữ, Xử lý và Sử dụng Bùn đỏ, Trần Minh Huân, George Bánvölgyi, Nhà xuất bản Công Thương 2014 (Red mud Disposal, Treatment and Re-use, Cong Thuong Publishing House, 2014).
5. Vietnam bauxite-initial characterisation-Draft-2006, Vinacomin.
6. Dr. Pham Dang Dich et al., Nghiên cứu công nghệ tiên tiến sản xuất nhôm từ quặng bô xít Tân Rai-Lâm Đồng và điện phân nhôm đạt chất lượng thương phẩm, Phạm Đăng Dịch và các cộng sự, Đề tài cấp nhà nước KC.02.01, 3/2003 (National Study project-Code: KC.02.01, 3/2003: Research advanced alumina refining technology from Tan Rai bauxite in Lam Dong province and aluminium smelting for commercial aluminium product).
7. Vu Duc Loi et al., Project Code TN3/T29, Research on the technology to produce steel and non-fired building materials from red mud generated from alumina production in the Central Highlands, Institute of Chemistry, Vietnam Academy of Science and Technology, 2015.
8. Tran Minh Huan, Red mud Issues in Vietnam, *IBAAS Symposium*, India, December 2012, 3-5.
9. Vu Duc Loi, Nguyen Van Tuyen, Chau Van Minh, Nguyen Van Tuan, Duong Tuan Hung, Nguyen Van Lang, The production procedure of magnetite powder and sponge iron from red mud, *Patent No.* 14156, Vietnam 2015.
10. Vu Duc Loi et al, Project: Research technological solutions to transform red mud into useful products, Institute of Chemistry, Vietnam Academy of Science and Technology, 2014.
11. Tay Nguyen et al., Removal of fluoride from aqueous solution by Red mud, *Vietnam Journal of Chemistry* Vol. 50, No. 6B, (2012), 219-223.