The NGOs and other donor agencies play a crucial role in the development of a nation especially in the developing countries like Kenya. The women development projects contribute significantly to uplifting the standard of living of the projects' beneficiaries. However, some development projects are not sustained and mostly collapse shortly after the termination or withdrawal of donor support. Out of this concern, the proposed study will establish the determinants of sustainability of women development projects funded by NGOs in Kisumu Central Constituency, Kisumu County. Specific objectives will be to: investigate the nature of women's development projects funded by NGOs in Kisumu Central Constituency, establish mechanisms for sustainability in women's development projects funded by NGOs in Kisumu Central Constituency; identify challenges faced by women development projects funded by NGOs in Kisumu Central Constituency, Kisumu County, identify strategies to ensure sustainability in women's development projects funded by NGOs in Kisumu Central Constituency, Kisumu County. The study will use the descriptive survey design approach. The target population of the study will be 13 financial managers, 23 project coordinators and 13 project managers from 13 NGO funded women's development projects in Kisumu Central Constituency. Research instruments for data collection will include questionnaires for project coordinators and financial managers from the NGOs, focus group discussion for the women beneficiaries from the projects and observational schedule. Quantitative data analysis will be performed using statistical package for social sciences (SPSS) whereby descriptive statistics such as frequency, means, standard deviation and percentages will be computed. Data will be presented using tables, bar graphs and pie charts. The study will be useful to women development projects as a source of knowledge for sustainable development; it may assist NGOs funding women projects to work on policy to ensure sustainability of projects.