

Stakeholder	Need	Objectives	Activities (type of your intervention)	Outputs (number of people reached, # of hours spent; quantitative outputs due to our intervention)	Outcomes (what has come out of our intervention; what has changed)	Impact ( the difference between the outcomes and this what would have happened if there was no my project / without my intervention or project)
<b>Pregnant women in developing countries</b>	Sterilized medical instruments to reduce the chance of complications and to have a faster recovery	Provide better sterilisation of surgical instruments	Installation of sterilising Autoclave systems + staff equipment training .	Number of women undergoing surgery in hospitals equipped with Autoclave in (# of clinics/community) -Preliminary data (35% of surgeries at rural clinics are Cesareans)	More women have fewer post-operative infections	Shorter time hospitalised, more time spent looking after their family and contributing to the local economy, higher income as a result
<b>Medical staff</b>	Having safe/sterile equipment at all times & the capacity to sterilize instruments/equipment (independent of power shortages)	Enable sterilization of equipment at all times	Installation of new technologies with better sterilising capacities for surgical instruments	Technology installed in 8k hospitals will result in improved work conditions for [assuming at least 3 sterilization technicians per clinic (conservative estimate)] 24,000 staff	Medical staff can perform safer surgical interventions	As a result, more doctors will be willing to stay and work in local hospitals. Social and Economic Impact: it will stimulate better development of rural areas, more qualified people stay in local towns, which will contribute to increased productivity in such areas.
<b>All other people who need surgical interventions</b>	Sterilized medical instruments to reduce the chance of complications and to have a faster recovery.	Provide better sterilisation of surgical instruments	Installation of sterilising Autoclave systems + staff equipment training .	Considering 8-9k clinics reached by 2023 - over 10 million people will benefit from safer surgical interventions.	Patients suffer fewer post-operative infections	Shorter time hospitalised, more time spent looking after their family and contributing to the local economy, higher income as a result.
<b>Public Health Institutions (e.g., Government)</b>	Public healthcare networks that are resilient to disruptions in electricity supply and can continually provide safe surgical interventions	Provide equipment to increase the resilience of public health infrastructure against disruptions in electricity supply.	Installation of sterilising autoclave systems + staff equipment training at public health clinic networks	Considering 8-9k clinics reached by 2023 - over 10 million people will benefit from safer surgical interventions.	Patients suffer fewer post-operative infections. Public health expenditures relating to surgery and post-operative care are reduced.	Patients experience fewer post-operative infections and as a result spend less time hospitalized, more time looking after their family and contributing to the local economy and have a higher income as a result. "Unsafe surgery within LMICs has a pronounced impact on their economic potential. Without urgent and accelerated investment in surgical scale-up, LMICs will continue to have losses in economic productivity, estimated cumulatively at US \$12.3 trillion (2010 US\$, purchasing power parity) between 2015 and 2030 Economic impact."
<b>Production Workers</b>	Require employment	Produce Hybriclave in the local context to help support economic development	Production in-country	Assembly activities and manufacturing the insulation covers for our Hybriclave would support approximately 100 jobs per 1000 units produced over the course of a year.	Greater number of local jobs supported	Reduced unemployment, local economic growth.