

# noor medical

## Sustainability Manifesto

In September 2015 at the United Nations Headquarters in New York the 17 Sustainable development goals (SDGs) with their 169 targets were created in order to “shift the world onto a sustainable and resilient path”.

At Noor Medical, with our goal of increasing humanity’s access to equitable healthcare, it was natural for us to view the SDGs as a guidebook for success and work towards aligning the three pillars of sustainability: social, ecological and economic sustainability.

### Social Sustainability

At Noor Medical we follow the vision to improve humanity’s access to equitable healthcare. Healthy individuals can work, earn their own income and support their families. Via providing sterilization devices, specifically designed for rural regions that face grid disruptions or have no electricity at all, we enable the critical sterilization of medical instruments. Noor Medical thus ensures a reduction in postoperative infections due to the use of non-sterile medical equipment. Guided by our vision to make safe surgery possible anywhere, we aim to distribute 18,000 Hybriclave units by 2025. Based on the average number of patients at health clinics requiring surgery, this yields a positive impact for 12.5 million people by 2025. Positive impacts are realized primarily through the reduction in post-operative infections for patients and the amelioration of consequent negative impacts from infections on the wider community. Our target beneficiaries are rural populations (rural healthcare), women and girls (maternal healthcare) and healthcare staff (infection prevention).

### Ecological Sustainability

In cooperation with local engineers, we developed a robust, low-cost hybrid medical instrument sterilization solution that can operate either with solar energy, by using a photovoltaic-battery system, thermal energy or conventional electricity, when available. By integrating the option for utilizing solar energy into the design of our product, we developed a reliable

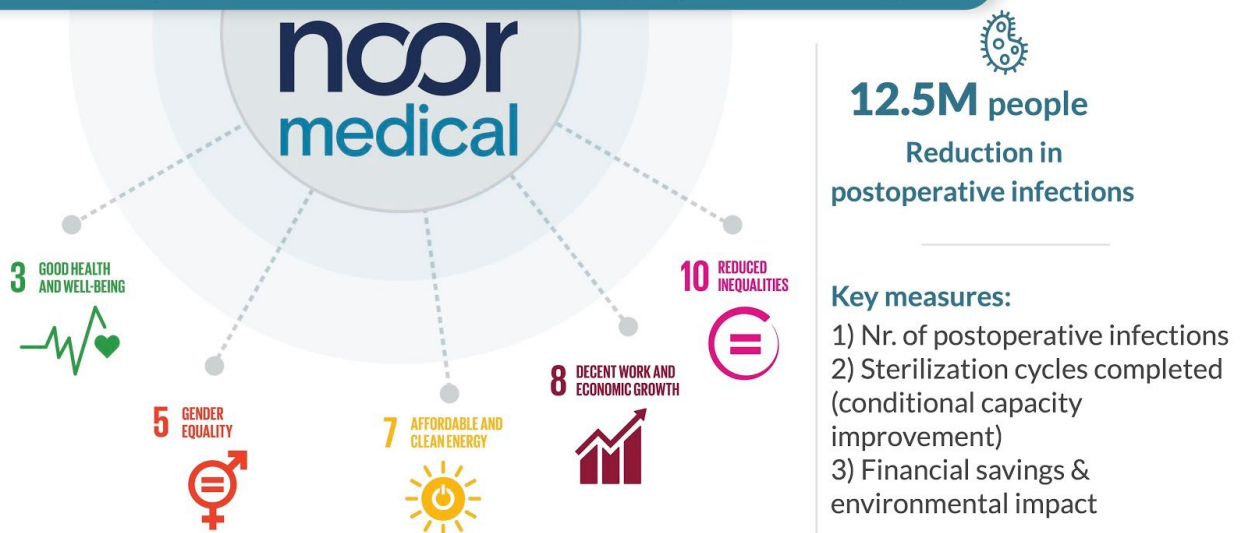
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medical instrument sterilization solution that can operate independently from fossil fuels and the national electricity grid. Additionally, we contribute to improving local air quality through reducing the dependence on diesel generators at rural- and peri urban health facilities.

Being an international organization our operational activities lead to extensive travel, which is a significant source of greenhouse gas emissions. At Noor Medical we have a company policy involving the following principles:

- 1) Verifying the need for the business trip
- 2) Following the transportation preferences: Train → Bus → Car → Flight
- 3) Offsetting emission costs when transportation providers fail to do so
- 4) Opt-in for vegetarian and vegan meals

## The Impact of Noor Medical's Safe Surgery Product Ecosystem



Improved **healthcare** contributes to better: **Maternal Health**, **Education** & **Employability**

## Economic Sustainability

Noor Medical's mission of improving access to equitable healthcare is driven to lessen the detrimental effects of poor health on a population's ability to achieve unfettered economic and social development. In addition to the positive impact on the patient level, positive social impacts are larger when you consider that post-operative infections impact not only the sufferer of

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the ailment, but also those in direct contact with them - including family members and their local community.

Health contributes to an individual's utility and social welfare, with benefits propagating throughout their associated communities through their economic and social interactions. Without good health, other economic objectives such as producing income stand to be compromised. Safer surgery through proper medical sterilization thus has an additional direct impact on SDG 8: Decent Work and Economic Growth.

Expanding on the concept of social entrepreneurship, growth of our business operations is inherently coupled with life-saving impact. The faster we reach financial sustainability and are able to significantly expand our operations, the faster we can provide our safe surgery equipment to clinics in need and improve safe surgical outcomes in our target communities.