

MAKING ESSENTIAL ITEMS IN SYRIA

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CREATING
HOPE
IN CONFLICT:

A HUMANITARIAN
GRAND CHALLENGE



FIELD READY



Grand Challenges Canada®
Grands Défis Canada



FIELD READY

ABOUT FIELD READY

A group of organizations whose vision is to meet humanitarian and development needs using localized manufacturing to transform international aid in ways that are faster, cheaper and better than current alternatives.

- US
- Australia
- Bangladesh
- Fiji
- Netherlands
- Iraqi Kurdistan
- Vanuatu
- Turkiye



About Field Ready Turkiye

Field Ready Turkiye (Sahaya Hazir İnovasyon Derneđi) is composed of engineers, humanitarian aid and development sectors experts. We have been working in NW Syria and in Turkiye since 2016 as a Social Community Organization that seeks to find innovative solutions for the communities' challenges.

Our mission is to work within, and to empower local communities to create sustainable solutions through innovation and entrepreneurship.

As an NGO, Field Ready Turkiye is a part of the global movement to change, and to make what is needed, locally, by local makers, and innovators.



FIELD READY TÜRKİYE
SAHAYA HAZIR İNOVASYON DERNEĐİ



The Challenge in the Health Sector

In highly challenging circumstances, like in **Syria**, and in addition to the many challenges that face the health sector, hospitals have loads of broken equipment, incubators, oxygen concentrators and other valuable and life-saving equipment that is doing nothing because parts are broken.





Our Intervention

This region-centered manufacture of spare parts for medical devices needing repair specifically includes assessing broken medical devices and equipment; it prioritizes, repairs and restores critical healthcare equipment in **Syria** through newly created replacement parts or replacement products.



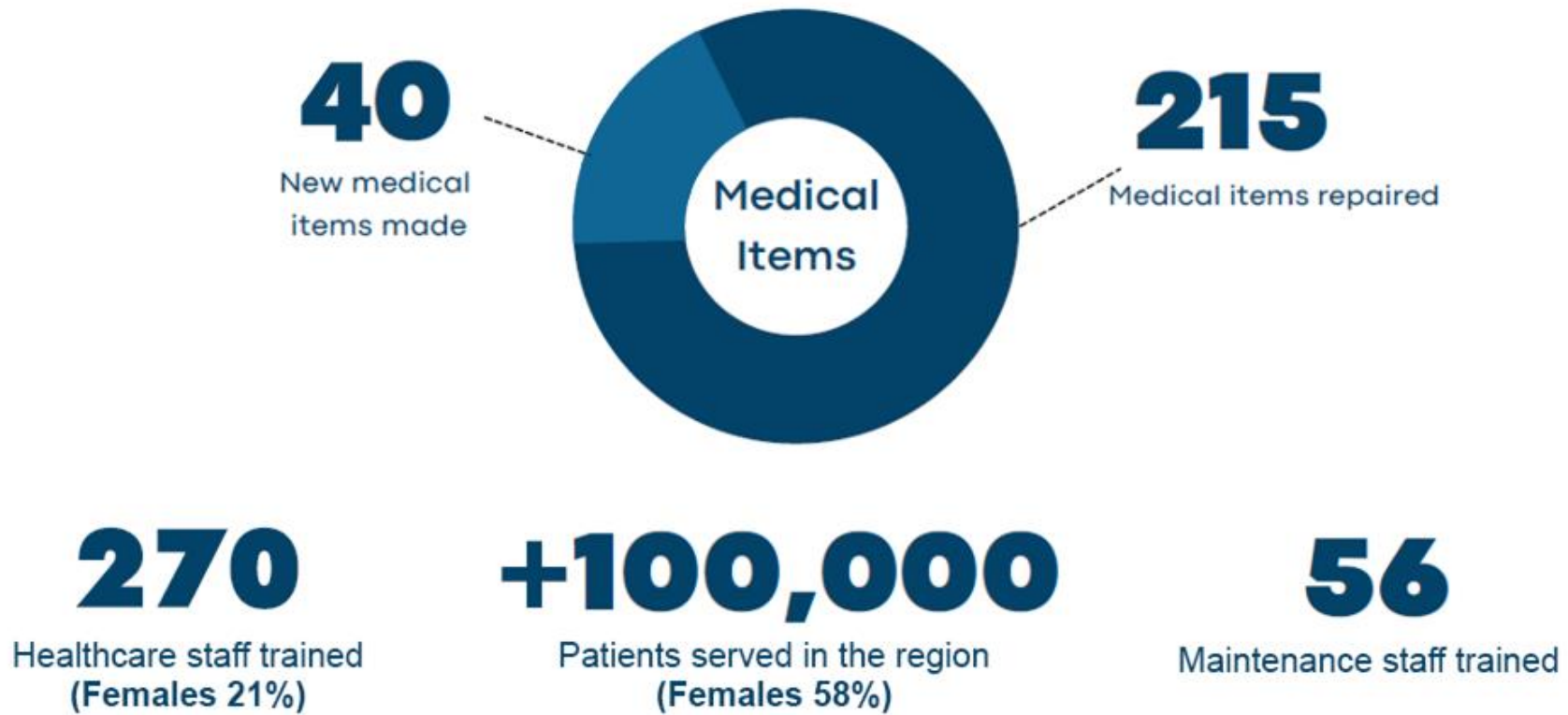


Innovative Approach

Evidence from the evaluation showed that **Field Ready** introduced a new and innovative approach which enabled people in need to access quality and timely healthcare services.



Project Overview



How our innovation compares to traditional approaches, in terms of three aspects:

Is it Better?

Is it Faster?

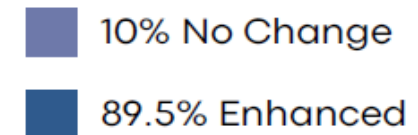
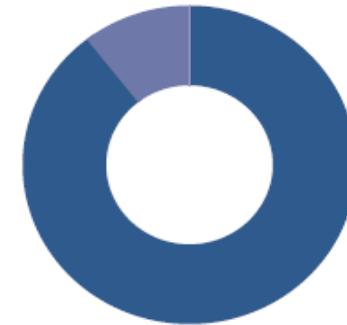
Is it Cheaper?



Better/Impact

- Medical professionals believe these patients would not have been helped if these devices stayed out of service.
- 89.5% of surveyed facilities saw enhanced patient-care abilities as a direct result of the project.

Hospital's ability to address Medical Device Maintenance needs





Faster

- A Sample of 83 devices.
- Comparison of number of working days spent to repair same device with same fault.
- Our innovative approach is **44%** faster than traditional methods.
- Quicker repairs translate to more lifesaving services provided to patients.

No. of days to fix 83 items

664 Traditional Services

371 Field Ready





Cheaper

- Sample size: **83** medical devices.
- Comparison of cost included materials, transportation, and staff/labor costs.
- Our innovation was found **66%** cheaper than traditional methods.
- **90%** of surveyed facilities confirmed that our approach is more cost-effective.

Cost to repair 83 items
(in USD)

\$20,123

Traditional repair services

\$6,773

Field Ready's repairs





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This device is called a "chiller" - it's a cooling system

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Future Plans

- Funding:
- Better Coordination:** Clusters, conferences..
- More information:** Visits, meetings, and assessments.
- New Interventions:** Making new items and spare parts





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Thank You

<http://bitly.ws/wNqM>

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