



FIELD READY TÜRKİYE
SAHAYA HAZIR İNOVASYON DERNEĞİ

PROFILE
2023

www.fieldready.org.tr

ABOUT US

Registration No: 27-027-056



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SAHAYA HAZIR İNOVASYON DERNEĞİ

Field Ready Türkiye (**Sahaya Hazır İnovasyon Derneği**) is a group of engineers and humanitarian aid and development sectors experts. We have been working in NW Syria and in Türkiye since 2016. We received our legal registration in Türkiye in February 2021 as a Social Community Organization that seeks to find innovative solutions for the communities' challenges.

Our Vision

Our Vision is to be a leading force in empowering local communities through innovative solutions and entrepreneurship, creating a sustainable impact wherever and whenever is needed.

Our Mission

Our mission is to work within and to empower, local communities to create sustainable solutions through innovation and entrepreneurship. We believe that by making things locally, we can make the world a better place. As an NGO, Field Ready Türkiye is a part of the global movement to change and to make what is needed, locally, by local makers, and innovators.

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Humanitarian Principles

1. Ethical Supply Chain.
2. Diversity, Equity, and Inclusion (DEI).
3. Neutrality, Transparency and Accountability.
4. Accessibility and Inclusivity.
5. Environmental Stewardship.



LOCALIZATION



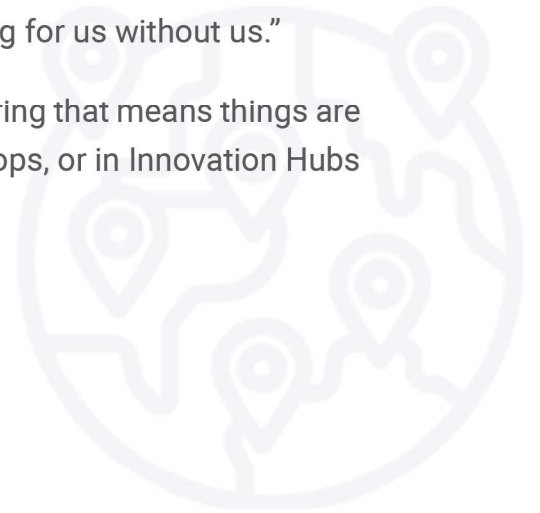
Localization

Localization is one of the topics of the day in the development sector. This was a key outcome from the 2016 World Humanitarian Summit; At Field Ready, this mindset and way of working are “cooked in, not bolted on” to our everyday work.

Localization seeks to improve the communities by moving decision-making, resources, and key points of emphasis on those who are closest to the problems.

In short, localization is embodied in the phrase “nothing for us without us.”

Field Ready Türkiye supports Decentralized Manufacturing that means things are made locally, In established factories, in home workshops, or in Innovation Hubs to adapt to specific local market.





INNOVATION



Innovation-Human Centered Design

“Adversity reveals genius, prosperity conceals it.”

Our approach emphasizes empathy paired with action. We systematically engage with the people-on-the ground. We seek different perspectives and triangulate facts.

We have established our own Research & Development Centre at Gaziantep University Technopark to be as a real need-led innovation hub.

We invest in a range of innovations with strong potential for social impact at a large scale. We define ‘innovation’ broadly to include new business models, technologies, behavioral insights, or ways of delivering products and services that benefit the communities.





ENTERPRENEURSHIP



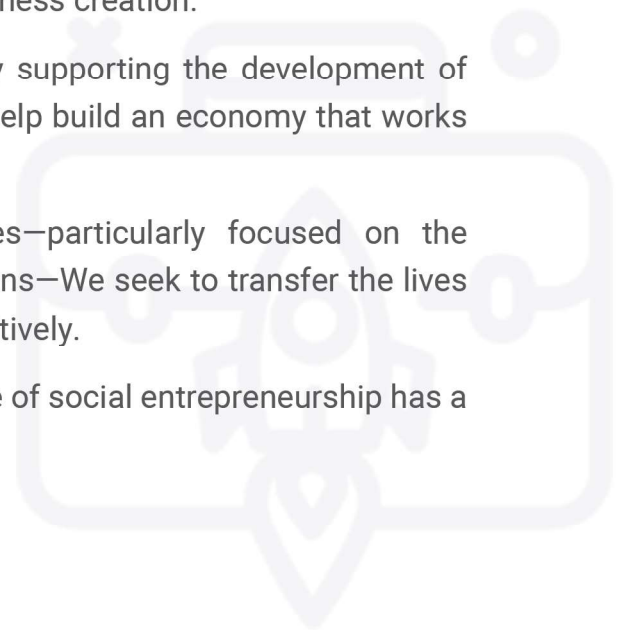
Social Entrepreneurship

The challenges of finding effective and sustainable solutions to many social problems are substantial, and solutions may require many of the ingredients associated with successful innovation in business creation.

We seek to help strengthen communities by supporting the development of ecosystem building as a field of practice to help build an economy that works for all people.

We have developed a variety of initiatives—particularly focused on the problems of poor and marginalized populations—We seek to transfer the lives of thousands of people around the world positively.

As in other areas of social action, the practice of social entrepreneurship has a great importance.



HOW WE WORK

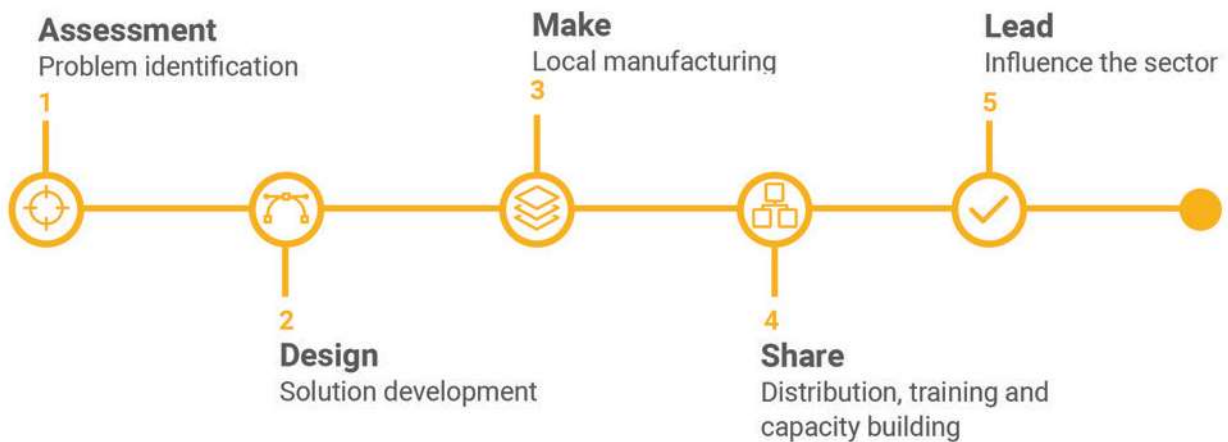


OUR INNOVATIVE SOLUTION DESIGN PROCESS

Field Ready Türkiye starts with the end-user and works to solve their problems, with them. Through participatory development techniques and Human Centred Design, Field Ready engages end users in every step of program delivery – from needs assessment through to our exit strategy.

Our solution involves working closely with end users to understand problems and develop solutions. Our aim is to respond rapidly and address problems that may have been overlooked or deemed “too hard” by other humanitarian responders.

The collaborative process has five key stages that are made possible by the nature of Digital Manufacturing:



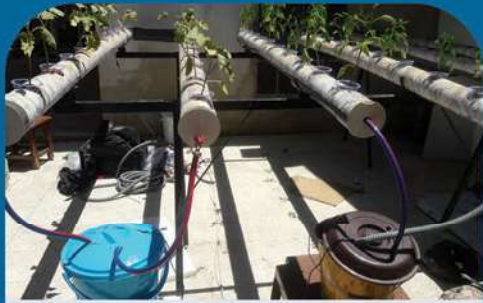
Previous Projects



Culture Innovation Program (Youth Personal & Social Empowerment)



Disrupting The Cold: Waste for Warmth



**Connecting Skill, Passion
and People in Agriculture
Sector in NW Syria**



**MAKING ESSESNTIAL
HEALTHCARE ITEMS
IN SYRIA**



**Making Life
Saving Equipment
(Lifting Airbag System)**



CURRENT PROJECTS

Waste for Warmth Project



The Waste for Warmth project, an initiative in humanitarian innovation, is a collaboration among Engineers Without Borders Norway, Field Ready Türkiye, and The Polyfloss Factory France. Operating from a Research and Development hub in Gaziantep, Türkiye, the project specializes in repurposing recycled plastic to create insulation materials for shelters, serving humanitarian and international development needs.

This initiative has generated short-term employment opportunities in Gaziantep, Türkiye, and Northwest Syria, promoting a circular economy by reusing recycled plastic and enhancing living conditions for shelter inhabitants.

Plastic Waste Recycling Floor Tile Initiative



This project aims to recycle 30 tons of plastic waste into high-quality floor tiles for insulation in structures like tents, containers, and houses. Emphasizing **eco-friendly practices**, innovative insulation solutions, and **community empowerment**, it also creates 35 job opportunities to support the local economy.

The process involves sourcing local plastic waste, using injection technology to craft durable tiles enhanced with aluminium foil. By insulating structures in North-West Syria, the project comprehensively addresses regional needs, promoting **environmental sustainability**, improved thermal comfort, and community empowerment.

Contributing to Building Resilient Healthcare Systems in NW Syria



Our project is geared towards **enhancing local capabilities** in repairing and manufacturing medical equipment and spare parts. The primary goal is to refurbish and return up to 60 malfunctioning medical devices, thereby making a substantial impact on healthcare in the region. Additionally, we are committed to empowering healthcare and technical staff through training, ensuring the proper use and maintenance of medical devices for enhanced functionality and the prevention of misuse.

Embracing **a circular economy principle**, this initiative not only strengthens healthcare systems but also promotes sustainability by minimizing waste and fostering community resilience.

Innovation Business Incubator: Creating Sustainable Solutions



Our project aims to establish an **innovation centre** focused on finding alternative solutions in agriculture, WASH, and other sectors affected by local gaps and import dependency. Through the Innovation Lab and an associated Business Incubator, we plan to empower engineers and technicians to develop and implement local solutions. The resulting Innovation Team will offer creative support to various businesses, including those led by women, addressing challenges in local industries such as WASH and Agriculture. The ultimate goal is to transform innovative ideas into **income-generating opportunities**, fostering sustainable development in the region.

Empowering Entrepreneurs: Business Support in NW Syria



Participants in our business support program have successfully developed and started selling **innovative products**, including a PV Powered Water Filtration System with a built-in malfunction diagnosis, providing clean water for displaced inhabitants post-earthquake. Additionally, the innovation team created a Malfunctions Diagnosing System for Solar Energy to detect faults in operational solar panels. To enhance food security, they designed a Smart Protected Agricultural Greenhouse, optimizing crop cultivation and protecting against harsh weather conditions. Furthermore, an Organic Waste Recycling Machinery was developed to shred organic waste for use as fertilizer and animal fodder.

These initiatives not only address critical needs but also play a vital role in encouraging **localization** by empowering local communities to develop and utilize technology tailored to their specific challenges and opportunities.

Developing Innovative and Sustainable Solutions for Early Recovery in Response to the Earthquake in Türkiye



This project is dedicated to developing and implementing innovative, sustainable solutions to facilitate early recovery and resilience in Türkiye's earthquake-affected communities. By directly addressing identified core issues, the project aims to foster bottom-up innovation, crafting solutions tailored to the challenges faced by vulnerable communities impacted by the earthquake, with a special focus on early recovery needs.

The innovation teams participating in this project will work on unique ideas in shelter, energy, and research and rescue sectors, aiming to directly tackle the major challenges affecting these communities and stakeholders. The project envisions empowering these communities to rebuild their lives and livelihoods through grassroots-driven innovation.

OUR PARTNERS

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FIELD READY TÜRKİYE
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