



FIELD READY

ANNUAL
REPORT
2019





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Field Ready's Mission

Our approach stands out in the humanitarian sector.

Field Ready's mission is unlike that of any other aid organization: To help disaster-affected people make the essential items they need, where they need them and when they need them. This saves lives, reduces suffering and increases resilience.

We do this by transforming logistics through technology, through design and by engaging people in new ways.

We make useful items where they're needed to solve problems locally. We pass on these skills to others through training and capacity-building.

In this way, we're pioneering innovative approaches to the toughest challenges, regardless of the sector. The impact of this is dramatically improved efficiency-delivering aid faster, cheaper and better.



Leadership Message

Strategic Highlights

One of the most powerful ways we work is by localizing our efforts, not based simply on "need" but by recognizing everyone's unique talents, resources and opportunities. We see this come together when ingenious solutions are created, in situations where others have said, "It's impossible, it can't be done." Field Ready demonstrated this unique approach throughout the past year in ways that made a truly transformational impact.

Across our programming, we continued with support from local populations, numerous NGOs, the UN and donors that included the Australian, British and German governments. We also added the U.S. government's support this year from USAID's Office of U.S. Foreign Disaster Assistance (OFDA). We were also pleased to be recognized for our excellence in leadership by being named a finalist for the Drucker Prize and certified by the Better Business Bureau as an accredited non-profit. For this support and recognition, we are grateful.

Financial Highlights

In 2019, we raised and successfully managed more than \$1.4 million in funding with the absorptive capacity to grow much further. The report covering these funds is found on Page 15.

Operating Highlights

We started the year by recognizing the extraordinary contributions made by Susan Long, Field Ready's regional lead for the Middle East, as our "Humanitarian of the Year." In March, we launched an important initiative supporting an ecosystem of makerspaces in Iraq. In September, we launched a rapid response to Hurricane Dorian in the Bahamas. And in October Field Ready opened the Pacific region's first humanitarian makerspace in Suva, Fiji, with the support of Australian Humanitarian Partnership-Disaster Ready. In this Annual Report, you will find these highlights and other specific achievements from our programs.

Looking Ahead

As recent winners of the multi-donor Creating Hope in Conflict: Humanitarian Grand Challenge award, we will continue to grow and reach more people through our transformational approach. In 2020, our position is tempered by the words of leadership expert and author Robin Sharma: "Change is hard at first, messy in the middle and gorgeous at the end."



A handwritten signature in black ink that reads "Eric James".

Eric James, PhD
Co-Founder/Executive Director



A handwritten signature in black ink that reads "Conrad C. Nowak".

Conrad C. Nowak, Esq
Board Chair

Using Tech to Rebuild

After three years of intense fighting in the region, Mosul's healthcare system was in shambles. But in January 2019, Field Ready teamed up with Caritas Czech, Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ) and a dedicated group of young Iraqi tech innovators to form Mosul Space – the first makerspace in Mosul.

From its inception, Mosul Space has provided immediate tech solutions to help rebuild the local healthcare sector while also offering young people a safe place to gather while learning more about technology and innovation.



In Northern Iraq, we also worked with Re:Coded, GIZ and Germany's Federal Ministry of Economic Cooperation and Development (BMZ) to set up Erbil Makerspace in June 2019 in the Kurdis region – the country's only female-led makerspace.



Each of the makerspaces features state-of-the-art 3D modeling and digital fabrication tools and equipment to help enable high-quality learning, exchange and skills-development. The spaces act as innovation hubs to boost participants' future employability, entrepreneurial opportunities, improved economic stability and the regions' prospects for peace.

Throughout 2019, Field Ready worked closely with the young engineers in Mosul Space and Erbil Makerspace to help them build their skills and develop practical solutions to local problems. During Erbil Makerspace's Summer Tech Festival, for instance, participants visited a local disability center and designed improved cup- and pencil-holders as well as fixed broken wheelchair parts.

Through tailored training, mentorship and recruitment the teams welcomed more than 500 people to trainings and events throughout 2019.

South Pacific Expansion

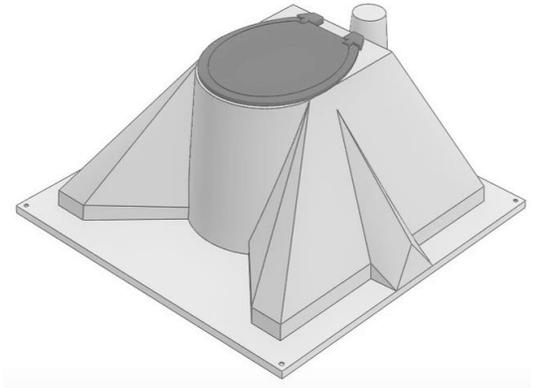
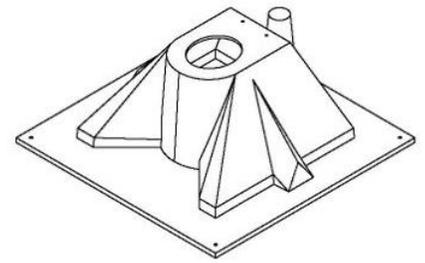
Field Ready's South Pacific reach expanded exponentially in 2019 with the growth of our team in Fiji. In January we hired five new team members, helping to further build out our local capacity and bring the staff to seven.

We also opened the Pacific region's first humanitarian makerspace in Suva, Fiji with the support of Australian Humanitarian Partnership (AHP) and Disaster Ready. The space is equipped with cutting-edge digital tools such as 3D printers and laser cutters as well as conventional workshop tools to promote local production of humanitarian items.

Staff worked with the Frank Hilton Special School in Suva to assess student needs and develop relevant items to make; with the children's, teachers' and caregivers' feedback our four interns helped create a drinking straw holder - all were delighted with the helpful result.



Working closely with Habitat for Humanity Fiji, UNICEF, the Fijian Ministry of Health and the Rotomould Fiji company, the team designed a durable, affordable latrine that addressed sanitation needs in the region. The Fiji MoH ordered 50 of the emergency latrines; they were delivered in December. Based on the program's success, we have been asked to produce many more across other countries in the region.



Our engineers also designed and produced shelters, foot-operated water taps, assistive railings, ramps and 3D-printed spare parts for crutches and wheelchairs – improving mobility for vulnerable individuals in the region.



In October, we received a grant from USAID's Office of U.S. Foreign Disaster Assistance (OFDA) to address disaster risk-reduction (DRR) issues in six Pacific Island nations; Samoa, Kiribati, Fiji, Vanuatu, Solomon Islands and Tuvalu.

Over the next two years, we expect to help at least 15,000 Pacific Islanders address sanitation issues, provide equipment installation training and prepare their communities to more effectively respond to future rapid-onset disasters.

Team members also began working in 2019 to map all the Philippines FabLabs in hopes of mobilizing them to produce humanitarian aid supplies in the near future.



Nepal and Bhutan

Late June 2019 saw a three-day knowledge-sharing visit with staff from FabLab Bhutan joining the Nepal Field Ready team and their partners at Nepal Communitere as part of the Humanitarian Design Challenge project in Nepal. The visit - a series of discussions, presentations and field trips - was a follow-up to the Nepal team's visit to Bhutan in November 2018.

After hearing about FabLab Bhutan's growth, and hearing about and visiting several innovative Nepali companies, staff and the 30 participants discussed FabLabs' numerous benefits – which inspired all to set one up in Kathmandu.

The Nepal team also focused on food security in 2019. The team visited hydroponics farms in the Kathmandu valley to learn more about using low-cost, localized systems. In July, they began “Green Fingers Nepal,” a project in earthquake-affected schools to reduce malnutrition by growing fresh fruits and vegetables on campus using hydroponics.



Hurricane Dorian Response

Hurricane Dorian made landfall in September 2019 as a Category 5 storm with winds of 185 mph; it then ravaged the Bahamas for several days with heavy rainfall, flooding and storm surges of up to 23 feet. Considered the worst natural disaster in the country's history, it left more than 80 people dead and 70,000 people homeless.

Field Ready's emergency response team conducted an assessment - and along with our partners Building Momentum and Global Emergency Relief, Recovery and Reconstruction (GER3) set up aid efforts.

Teams from all three organizations used their digital fabrication and electronics skills to repair residents' solar panels and water pumps to help them reconnect with loved ones, access basic services and begin their rebuilding efforts.





Presentations and Training



Field Ready team members were busy building our skills and spreading our mission and message in 2019. Here are a few examples.

In the spring, staff and several board members took part in the Humanitarian Crisis Simulation conducted by University of Minnesota. The immersive seminar, founded in 2011 to give participants a simulated firsthand humanitarian crisis environment, is a collaborative program led by faculty from the university's Center for Global Health. It was a cold, wet experience, but participants agreed the training was informative and fun.

In July, Field Ready's Technical Lead Brynmor John presented Field Ready's work alongside UKAID in sunny Scotland at the Royal Highland Show.

In addition to demonstrating Field Ready's 3D printing work and our rescue airbags to more than 1,000 visitors, he connected with DFID (UKAid) staff members, UK military members, Edinburgh University students and some sheep, in the finest tradition of agricultural shows in the UK.



In September, Executive Director Eric James was one of 50 speakers at the AIDF GlobalSummit in Washington, D.C. There he presented an overview of Field Ready's work to 350 leaders in the relief/development sphere, and answered questions as part of a panel focused on digital innovation titled "Accelerating the SDG's through Digital Innovations."



In November, South Pacific team members participated in the third annual Philippines FabFestival in Legazpi City, Albay, Bicol. Thousands of people from hundreds of Philippines FabLabs shared their experiences, traded best practices and tried to solve some bottleneck issues. Fiji Innovation Advisor Luke Johnston presented "Disaster Resiliency, Environmental Actions and Measures: Challenge to FabLabs" about inviting Fablabs to play a vital role in the local disaster response.

Some of our presentations were virtual in 2019; we worked with the Anthropocene Institute to produce two instructional videos (now on our website) showing people how to make a water filter and repair a solar panel.



Partners and Donors



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Executive Director Eric James received Rotary International's 2019 Humanitarian STAR Award, which recognizes outstanding scientific and technological achievements with significant humanitarian benefit.



Field Ready was named one of the 10 top finalists out of 403 competing organizations for the 2019 Drucker Prize, which recognizes non-profit innovation.

We are grateful to all of our donors for their generosity. Because of your contributions, we are able to help relieve suffering to those in need. Thank you for the ongoing support and for making this work possible.

Donors

PayPal Giving Fund	Keith Gertzman
George King	Laura Littlepage
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Martine Ballinger	Conrad Nowak
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Cody Barkley	Sallie Stiens
Calum Ross	Johanna Kramer
Paul Isaac	

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Building Momentum
Shuttleworth Foundation
Ben Savonen
Grand Challenges Canada
Eric James
Three Grey Monkeys
Fab Foundation
Mavrix Innovations Ltd
Rotomould Fiji
Paige Guidotti
UTS Rapido Social
WFP Innovation Accelerator / USAID
World Vision



Financial Statement

	Amount
Support and Revenue	
Contributions and Grants	1,076,305
In-Kind Donations	341,033
Other	104
Net Assets released from restrictions	-
Total Support and Revenue	1,417,442
Expenses	
Program Services	1,218,921
Management and General	142,056
Fundraising	51,884
Total Expenses	1,412,861
Changes in Net Assets	(196,586)
Net Assets at Beginning of Year	247,390
Net Assets at End of Year	50,804

Revenue by Recent Year

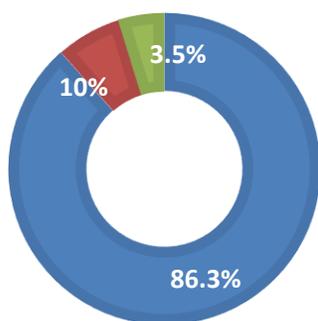
2018	\$1,006,649
2017	\$ 862,004

Expenses by Sector in 2019

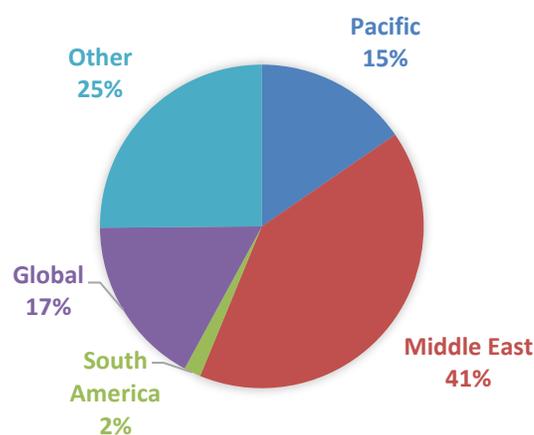
Health	36%
WASH	29%
DRR	14%
Training	8%
R&D	5%
Other	8%

ALLOCATION OF FUNDING

■ Program ■ Management and General ■ Fundraising



ALLOCATION BY LOCATION



Audit Financial Statement, Opinion extract: "In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of Field Ready, Inc. and Subsidiaries as of December 31, 2019 and the changes in their net assets and their cash flows for the year then ended in accordance with accounting principles generally accepted in the United States of America." CJBS, independent accounting firm licensed in the US State of Illinois



Management, Board & Advisors

Management

Eric James, Executive Director
Sue Kovach, Finance Lead
Ben Britton, Global Operations
Susan Long, Middle East Region
Luke Johnston, Pacific Region
Andrew Lamb, Innovation

Technical Advisors

Nezih Altay, Ph.D. - Logistics/Operations
Louise Bloom - Logistical Systems
Maggie Heraty, OBE - Humanitarian
Supply Chains

Board of Directors (US)

Conrad Nowak, J.D.
Sallie Stiens, J.D.
Jonathan Will, MBA
Dave Holloman, MBA
Nicholas Haan, Ph.D. (on leave)

Tony Hoffman, Ph.D. - Protection
Sarah Kesler, M.D. - Health/Medical
Joshua M. Pearce, Ph.D. - Manufacturing
Paul Sherlock, OBE - WASH



Get Involved

There are several ways you can make a difference:

1) Donate

In order to continue our work we rely on donations. Please consider making a contribution to Field Ready to help us reduce human suffering and expand our reach. You can donate at: <https://www.fieldready.org/donate>

2) Volunteer

We're always looking for good partners and volunteers. If you or your company is interested in partnering with us we are eager to explore possibilities.

3) Use the Internet For Good

Please use your social media to help get the word out about Field Ready. Connect with us at:



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