

Terms of Reference

REACH DEVELOPER - IRAQ

BACKGROUND ON IMPACT AND REACH

REACH was born in 2010 as a joint initiative of two International NGOs ([IMPACT Initiatives](#) and [ACTED](#)) and the United Nations Institute for Training and Research (UNITAR) Operational Satellite Applications Programme ([UNOSAT](#)). REACH's **purpose** is to promote and facilitate the development of information products that enhance the humanitarian community's decision making and planning capacity for emergency, reconstruction and development contexts, supporting and working within the framework of the humanitarian reform process. REACH facilitates information management for aid actors through three complementary services: (a) need and situation assessments facilitated by REACH teams; (b) situation analysis using satellite imagery; (c) provision of related database and (web)-mapping facilities and expertise.

IMPACT Initiatives is a humanitarian NGO, based in Geneva, Switzerland. The organisation manages several initiatives, including the REACH Initiative. The IMPACT team comprises specialists in data collection, management and analysis, GIS and remote-sensing. IMPACT was launched at the initiative of ACTED, an international NGO whose headquarter is based in Paris and is present in thirty countries. The two organizations have a strong complementarity formalized in a global partnership, which allows particularly IMPACT to benefit from ACTED's operational support on its fields of intervention.

ACTED is a French humanitarian NGO, founded in 1993, which supports vulnerable populations, affected by humanitarian crises worldwide. ACTED provides continued support to vulnerable communities by ensuring the sustainability of post-crisis interventions and engaging long-term challenges facing our target populations, in order to break the poverty cycle, foster development and reduce vulnerability to disasters. Their interventions seek to cover the multiple aspects of humanitarian and development crises through a multidisciplinary approach which is both global and local, and adapted to each context. Their 3,300 staff is committed in to responding to emergencies worldwide, to supporting recovery and rehabilitation, towards sustainable development.

We are currently looking for a Developer in Iraq to support the REACH Initiative team.

Title: REACH Developer

Duration: 6 months

Start date: February 2016 (as soon as possible)

Location: Erbil, Iraq

COUNTRY PROFILE

ACTED has been working in Iraq since 2003, providing humanitarian support to vulnerable populations through multi-sector emergency assistance. ACTED's humanitarian response in Iraq can be divided in three phases:



(1) Since 2003, following the war between Armed Groups (AGs) and the international coalition, ACTED focused on providing assistance for IDPs seeking refuge in southern Iraq, in particular Muthanna and Najaf governorates;

(2) In 2011, following the escalation of violence in neighbouring Syria, thousands of refugees, predominantly Kurdish Syrians, fled to the Kurdistan Region of Iraq (KRI). ACTED expanded its program activities in the KRI through child protection activities;

(3) in 2014 with the emergence of a new conflict between AGs and Iraqi forces, around 2 million IDPs have fled conflict in central Iraq, around half to the KRI. ACTED was among the first humanitarian actors to address the massive displacement of people from Mosul in June. Since then, ACTED has been responding to the subsequent displacements through bases in the KRI and southern Iraq.

REACH started its activities in the KRI in November 2012 and throughout 2013 and 2014, and collaborated with UNHCR to strengthen information management on the situation of displaced Syrian populations, with a specific focus on collecting comprehensive and reliable data. Information collected and analysed by REACH team has served to inform the humanitarian response in regards to the context and needs of Syrian refugees in both camp and host community settings. This information has been continuously updated and shared with all aid actors, allowing for enhanced prioritization and targeting of their response. REACH's experience and methodology with regards to informing aid actors on the ground proved also beneficial and REACH teams were amongst the first organizations to conduct rapid assessments to share both a global overview on displacement patterns as well as priority needs of populations displaced by the conflict.

Today, data collected and disseminated by REACH aims to provide a baseline for ongoing response planning efforts in the KRI and southern Iraq. In 2015 REACH aims to maintain assessment and mapping activities in the north of Iraq, both on refugee and IDP responses, and to expand operations in the south and centre of Iraq to inform the humanitarian response and fill critical information gaps. On the Syrian refugee response, REACH will conduct two further rounds of the MSNA in camp and non-camp settings, along with infrastructure mapping and thematic reports. On the IDP response REACH's focus is on a "whole of Iraq" picture, which aims to both improve existing information coverage and garner comparable data across all areas of the country.

TASKS

The REACH Developer will be responsible for:

- Lead on the technical development of information systems.
- Supporting the development of robust information management procedures.
- Supporting the collection, storage, analysis and visualisation of data.
- Increasing the capacity of staff in data management and analysis.

A. Leading on the technical development of information systems.

- Proposing and developing technical solutions, designing systems and developing/implementing the solution into a real world environment. This would include web-based applications.
- Review information management guidelines and ensure capitalization of tools and procedures.
- Work closely with stakeholders to develop a targeted and beneficial information system.



B. Supporting the development of robust information management mechanisms in country

- Provide technical backstopping to the country team throughout a projects lifecycle.
- Streamlining the process of moving raw data to final products
- Design tools to facilitate more efficient and effective data cleaning and analysis

REQUIREMENTS

- ❖ Master degree or equivalent experience in Computer Science, Information Systems, or a relevant discipline.
- ❖ Independent and strong computational and problem solving skills.
- ❖ Good experience in full-stack development of web applications (PHP, Django, HTML, Javascript etc).
- ❖ Good experience in data processing, manipulation and analysis (such as the use of Python, R etc).
- ❖ Good experience in databases management (such as with PostgreSQL and MySQL etc).
- ❖ Flexibility and adaptability to ever-changing needs and responsibilities.
- ❖ Background in humanitarian context preferred
- ❖ Ability to travel to the field.
- ❖ Good organizational, communication and interpersonal skills.

REMUNERATION

Field benefits include:

- 300 USD per month living allowance
- Coverage of all accommodation, guesthouse, food, and travel costs, a luggage allowance of 50 kg
- The provision of medical, repatriation, and life insurance.

HOW TO APPLY

Application documents: Curriculum Vitae, cover letter and three references

Submit applications to: jobs@impact-initiatives.org

REF: 16/IRAQ/DEVELOPER

Please indicate the reference in the subject line of your email.

Deadline: February, 15th 2016