

EUDEM2 Research Survey

EUDEM2 Questionnaire-3,

(Operators: NGO, MAC, Commercial, Governments (Mine Action))

Interviewer: Claudio Bruschini

PART I: Relationship with military/humanitarian demining. Problem knowledge.	DATE: 13/3/2003
Organisation (name + web address) Swiss Foundation for Mine Action (FSD), Geneva Contact Person (name + e-mail): Ian Clarke, Director of Operations (IanClarke@mineaction.ch)	
Level of experience in military demining (does your staff have a military background mostly or not): (1:none, 5: more than 50% of the staff does) International: 5, National (indigenous): 3	
Level of experience in humanitarian demining (years involved in HD): Ian Clarke: 10	
No. of years involved in HD: 5 (since foundation)	
Details (type of involvement: list projects current and past (last 5 years)): ask list if available List projects and add more details from separate description if available: 1) Croatia (1998): mine clearance, 2) Bosnia (1998-99): mine clearance, 3) Kosovo (1999-2000): mine clearance and Battle Area Clearance (BAC), 4) Albania (2000-present): mine clearance and BAC, 5) Afghanistan (2001-2002): mine clearance, BAC and survey, 6) Sri Lanka (2002-2003): mine clearance, BAC and survey, 7) Tajikistan (2002-2003): survey.	
Main sources of information on humanitarian demining: <input checked="" type="checkbox"/> direct contacts with deminers, (1:little, 5: mostly used) 5 <input checked="" type="checkbox"/> field visits, (1:little, 5: mostly used) 5 <input checked="" type="checkbox"/> literature, (1:little, 5: mostly used), which literature source is used on a frequent basis 5, IMAS (used on daily basis) <input checked="" type="checkbox"/> Internet, (1:little, 5: mostly used), which site is used on a frequent basis 2, e-mine (UNMAS Website) <input checked="" type="checkbox"/> researchers (1:little, 5: mostly used) 1	
Frequency of field visits/ collaboration/involvement with <input type="checkbox"/> research centers/ 1 <input type="checkbox"/> universities/ 1 <input checked="" type="checkbox"/> R&D projects: 2 <input checked="" type="checkbox"/> other NGO's 3 <input checked="" type="checkbox"/> other projects (non R&D) 0 (1 = none; 2 = sporadically; 3 = regularly) National/international Where and whom (list all + ask for contact details): DIGGER DTR, Frédéric Guerne	
Frequency of contacts with (other) donors: 3 (1 = none; 2 = sporadically; 3 = regularly) Who (government/private (list + contact details)): Swiss Ministry for Foreign Affairs, Swiss Development Cooperation, International Trust Fund (ITF, Slovenia), World Food Programme, UNDP, UNMAS.	
Usage of demining operations: (1:none, 5: in depth) 5 (ex. SOPs (Standard Operating Procedures)) Details: Entirely modelled on IMAS (first NGO to rewrite SOPs to be IMAS compliant).	

Usage of deminers' requirements: (ex. SORs (Statements Of Requests), "wish lists")	(1:none, 5: in depth) 2
Details: Produced technical specifications for the DIGGER vegetation cutter.	
Would you like to know more on humanitarian demining (yes/no/yes and already planned): N/A	
What and at which frequency: <input type="radio"/> ad hoc courses, <input type="radio"/> field visits; <input type="radio"/> weekly <input type="radio"/> monthly updates	
Knowledge and regular encountering of the UXO problem (Unexploded Ordnance):	(1:none, 5: in depth) 5
How is the UXO problem taken care off in your work: (describe) Appliance of SOPs in systematic location of UXO. All items either destroyed in situ or if required deactivated and destroyed at later stage.	
Activities focused on a specific country or area: NO, see previous list of area of operation. (ex. Cambodia)	
Equipment currently known (list which ones): Name product/equipment	
General description: <input type="radio"/> GPR <input checked="" type="radio"/> MD Ebinger 420 GC and UPEX large loop. Vallon VMX2. Minelab F1A4. <input type="radio"/> Combined multi sensor detection systems (details, which sensors): <input checked="" type="radio"/> mechanical equipment Bozena. <input type="radio"/> remotely operated detection systems <input type="radio"/> remotely operated area reduction systems <input checked="" type="radio"/> chemical systems (e.g. Biosensor) ECAM (IMS for the detection of chemical and biological agents). <input checked="" type="radio"/> vegetation cutters Bozena. <input checked="" type="radio"/> Magnetometers: Schonstedt. <input type="radio"/>	
How are they used: <input checked="" type="radio"/> hand held <input checked="" type="radio"/> vehicle based UPEX large loop system mounted on Casspir Mine Protected Vehicle for rapid road verification in Sudan. <input type="radio"/> air borne <input type="radio"/> <input type="radio"/>	
Aimed at detection of: <input checked="" type="radio"/> AP <input checked="" type="radio"/> AT <input checked="" type="radio"/> UXO <input checked="" type="radio"/> Chemical munition.	
PART II: Knowledge of other (R&D) activities, esp. EC.	
Knowledge of ongoing EC R&D projects related to humanitarian demining:	(1:none, 5: in depth) 2
Knowledge of other R&D projects related to humanitarian demining:	(1:none, 5: in depth) 2
Details:	

Would you like to know more on current research activities

yes

no

yes and already planned:

What and at which frequency:

newsletter,

workshop,

conference,

e-mail;

weekly updates

monthly updates

Preference for “push” or “pull” technique: **Prefers to receive information.**

(ex. receiving possibly unsorted e-mail, or looking up oneself and selecting the information)

PART III: Product/System testing, characteristics and pricing.

Have you already carried out a “proof of principle” concerning the NEW equipment you could eventually use:

yes,

ongoing

no

Details: **Limited capacity to carry out trials -> use existing network of contacts (e.g. GICHD) to obtain updated information.**

How has NEW equipment testing to be used by you already been executed

none;

in the lab,

under internal controlled conditions,

under external controlled conditions, Using information from others (see above).

in the field **Have carried out testing for suitability within a given area and for a specific task (e.g. testing of a small series of metal detectors in Albania before procuring a larger quantity).**

Have you been involved in testing new equipment through research projects:

none;

in the lab,

under internal controlled conditions,

under external controlled conditions,

in the field

What kind of equipment has been tested?

GPR

MD

Combined multi sensor detection systems (details, which sensors)

mechanical equipment

remotely operated detection systems

remotely operated area reduction systems

chemical systems (e.g. Biosensor)

When (dates)? **Metal detectors: 2001-ongoing. Tested against the known threat in the given environment (demining and BAC), on reduced samples, using also previous knowledge and experience when available. Mechanical systems: DIGGER, 2002.**

Where? **Metal detectors: Albania, Sri Lanka. Mechanical: Albania.**

Would you be interested in being involved in the development and testing of new equipment: **YES**
(which role do you think you could play here)

<p>Details: Ready to set up field trials.</p>
<p>Type of product(s)/system(s) which you are currently using: (see previous list)</p> <p><input checked="" type="checkbox"/> MD</p> <p><input type="checkbox"/> GPR</p> <p><input checked="" type="checkbox"/> Prodder</p> <p><input checked="" type="checkbox"/> Mechanical system, which ones: Bozena mini-flail.</p> <p><input type="checkbox"/> other</p>
<p>Price range at which you would be ready to buy new equipment, expectations on the number of units to be bought:</p> <p>MD: 2.5-3 kEURO. GPR: 4-5 kEURO (has to compete with similar equipment, e.g. sensors for BAC applications) or more if a consequent reduction in false alarm rate is provided. Mechanical: would like much cheaper equipment.</p>
<p>PART IV: General Comments:</p>
<p>Comments on the EUDEM2 questionnaire in general:</p> <p>Simple and straightforward, comprehensive.</p>
<p>Comments on the concept of an Open, Detailed Web based Database/information repository (ex. EUDEM2):</p> <p>Very strongly supports a consolidated source of information on R&D projects, and results in particular, including test and evaluation activities.</p>
<p>Comments on the way EC projects are financed, suggestions:</p>
<p><i>*Please send us a copy of your reference material together with the fully approved complete questionnaire by separate mail to the following address:</i></p> <p>Karin De Bruyn, EUDEM2 Vrije Universiteit Brussels, ETRO Dept., Pleinlaan 2, B-1050 Brussels, BELGIUM, Fax: +322 6292883 or via mail kdebruyn@vub.ac.be</p>