

EUDEM Research Survey

EUDEM Questionnaire3, (Operators: Commercial)

PART I: Relationship with military/humanitarian demining. Problem knowledge. DATE: 18th of July and 7th August 2003

Organisation: Commercial SME

GERBERA

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Contact Person:

Mr. Lutz Vogt, General Manager (same contact way as above)

Level of experience in military demining: 5

Level of experience in humanitarian demining: 5

No. of years involved in HD: 9 (since foundation)

Details (type of involvement:

Start collection of expertise during demining operations on former "Iron Cordon" after reunification of Germany

Running continuously international demining and EOD activities

Past:

- Training of 18 local de-miners, de-mining operations in the German, Italian and US-sectors in Kosovo and providing of a mobile EOD-Capacity for the UNMACC
- Deployment of three mobile mine clearance and EOD teams in Kosovo
- Deployment of mine clearance and EOD capacities in Eastern Slavonia for the UN Mine Action Center in Croatia
- Deployment of mine clearance and EOD capacities for the UN peace-keeping mission in Eastern Slavonia (UNTAES)
- UXO survey and mine clearance for a settlement project in the Hue province/Vietnam
- Mine clearance and EOD for a resettlement project in the Quang Tri province/Vietnam
- Recruitment and management of Laotian mine clearance and EOD workers in the Huaphan and Luang Prabang provinces in Northern Laos
- Provision of a technical advisor to the Peshawar-based Mine Dog Centre (MDC)
- Test run of a computer-aided detection system in the framework of a German relief project in Laos
- Technical advisor for mine clearance program in Yemen
- Provision of three mine clearance experts for UNOPS in Saurimo and Luena in the Northeast of Angola
- Quality assurance in demining roads and bridges for the UN peace-keeping mission in Angola (UNAVEM III)
- Permanent quality assurance in two WFO projects for demining the roads of Angola
- Management control and quality assurance during the field test of a German mechanical mine clearance system in Mozambique

Running:

- Demining and EOD in central Vietnam
- Training of personnel from VPA

<p>- Mine Awareness in Vietnam</p> <p>More details see internet site.</p>
<p>Main sources of information on humanitarian demining:</p> <p>X direct contacts with deminers: 5+, active operating of international HD projects X field visits: 5+, continuous in field X literature: 3 X Internet: 3 which site is used on a frequent basis: UN, GICHD, ICRC, diverse sites of contractors, partners and detector companies X researchers: 1</p>
<p>Frequency of field visits/ collaboration/involvement with</p> <p>X research centres: 1 X universities: 1 X R&D projects: 2 X other NGO's: 2 X other projects (non R&D): 2</p> <p>National Where and whom:</p> <ul style="list-style-type: none"> - 1998 Laos, MAGNETO field test, partner SENSYS GmbH, funded by German Office of Foreign Affairs - 2003 Field test of an airborne sensor instrumentation, no details available
<p>Frequency of contacts with (other) donors: 3</p> <p>Who:</p> <ul style="list-style-type: none"> - Germany: SODI, Potsdam Kommunikation e.V. - International: UNMACC, CROMAC, UNTAES, Pakistan MDC, UNOPS, UNAVEMIII, WFO
<p>Usage of demining operations: 5</p> <p>Details:</p> <ul style="list-style-type: none"> - where ever possible own SOP based on approved "German rules for ordnance clearing companies" - adopted international standards regarding to the offered services - national SOP where required e.g. Laos - when using dogs the SOP of subcontractor is valid
<p>Usage of deminers' requirements: 1</p> <p>(ex. SORs (Statements Of Requests), "which lists")</p> <p>Details: not available</p>
<p>Would you like to know more on humanitarian demining: n.a.</p> <p>What and at which frequency:</p> <p><input type="radio"/> ad hoc courses, <input type="radio"/> field visits; <input type="radio"/> weekly <input type="radio"/> monthly updates</p>
<p>Knowledge and regular encountering of the UXO problem (Un-eXploded-Ordnance): 5+, continuous daily work</p> <p>How is the UXO problem taken care off in your work:</p> <p>Strictly application of "Regeln des Deutschen Kampfmittelräumdienstes" and standard rules after receiving the essential licenses</p>
<p>Activities focused on a specific country or area: (ex. Cambodia)</p> <p>SE-Asia, Laos and Vietnam</p>

Equipment currently **applied**:

Name product/equipment

General description:

MG: EBINGER MAGNEX 120, FOERSTER Ferex4.021

MD: EBINGER EBEX 410 and 420

mechanical equipment: BOZENA, MV2, Krohn Grinder, UXO sieving devices on German sites

remotely operated detection systems: none

vegetation cutters: MV2

computer aided: SENSYS, UXO survey system MAGNETO

How are they used:

hand held

vehicle based

Aimed at detection:

AP

AT

UXO

All of those for clearing! (in case of mechanical there is no detection): BOZENA, MV2

PART II: Knowledge of other (R&D) activities, esp. EC.

Knowledge of ongoing EC R&D projects related to humanitarian demining: 2

Knowledge of other R&D projects related to humanitarian demining: 2

Details: heard about, not relevant before become available commercial and offering advantages (e.g. lower FAR)

Would you like to know more on current research activities

no

What and at which frequency:

newsletter,

workshop,

conference,

e-mail;

weekly updates

monthly updates

Preference for "push" or "pull" technique: n.a.

(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:

no

Details:

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

in the field

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

in the field, responding to two tenders without success

What kind of equipment has been tested?

GRP

MD

Combined multi sensor detection systems (details, which sensors)

mechanical equipment

remotely operated detection systems
 remotely operated area reduction systems
 chemical systems (eg. Biosensor)

When (dates)?

Where?

Would you be interested in being involved in the development and testing of new equipment: yes

Details:

- field tests
- system integration

Type of product(s)/system(s) which you are currently using:

MD

MG

Mechanical system

Details see above

Price range at which you would be ready to buy new equipment, expectations on the number of units to be bought:

MD common 1.500€ to 4.00€

Multi sensor 8.000 to 10.000€ possible if enhanced productivity is proved e.g. very low FAR

PART IV: General Comments:

Comments on the EUDEM2 questionnaire in general:

For companies more practice related, no academic work and background in company existing

Comments on the concept of an Open, Detailed Web based Database/information repository (ex. EUDEM2):

Is o.k., more practical usability needed, visited seldom only

Comments on the way EC projects are financed, suggestions:

n.a. never involved

Additional data:

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