

SAFEGROUNDS Learning Network

Project Workplan (2002 – 2004 and onwards)
Final Draft

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SAFEGROUNDS Project Manager

with support from the project team
and building on consultation comments provided by the
project steering group

Summary of the Workplan and the process for establishing the next phase of SAFEGROUNDS Learning Network

Four of the previous industry funders of the SAFEGROUNDS Learning Network have confirmed £45 - £50k of new funding. Combined with existing funds this means that approximately £94.5k is available to the next phase of the project (October 2002 to March 2004). This workplan describes the next phase.

The workplan has been developed under guidance from workshop attendees. Initial comments were provided at meetings with CIRIA and at a stakeholder workshop held in September 2002 and were used to shape workplan draft 1. This draft was then presented to the new SAFEGROUNDS PSG as a paper at a meeting held on 14 February 03.

Workplan Draft 1 was discussed at the meeting and afterwards further PSG comments were emailed to CIRIA. A project team meeting was then held to discuss these comments and develop the second draft. Since then iterations have occurred between CIRIA and the project team to refine it further.

Workplan Draft 2 describes the history of the project and establishes a new mission statement which is underpinned by 7 clear aims. Each aim is supported by a series of specific tasks which are broken assigned to 3 programmes of work as follows:

- 1 Preliminary development work**
October 2002 – March 2003
- 2 Main programme**
April 2003 – March 2004
- 3 Indicative elements and costings for the future programme**
April 2004 – March 2005 and onwards

An indication of the costs for each programme is provided, together with a milestone and payment schedule. There is also a Gantt chart, information on funding, a list of main outputs and, on page 6, a flow diagram highlighting the main aspects of the project.

Work has been carried out by CIRIA on the re-development of the website. For this an inventory of the SAFEGROUNDS website and a draft web structure for the new website is included in the Appendix. The re-developed website will be demonstrated at the next project steering group meeting.

Roles of project participants

The process for delivering the outputs will involve the following management structure, organisations and relationships:

CIRIA

- Writes draft workplan for new phase of SAFEGROUNDS
- Establishes PSG and appoints Chair under guidance from PSG
- Manages project including contracts, IT aspects and maintaining and vetting website content
- Provides secretariat for the project

Project Steering Group (PSG)

- Formed by invitation/nomination by the Project Manager

- Advises CIRIA in finalising workplan and in subsequent management of the project and delivery of outputs against the agreed aims and programme
- Helps promote Guidance amongst own constituents
- Helps promote the SAFEGROUNDS project generally
- Participates, as appropriate, in any project Workshops or Seminars
- Puts forward and vets content for inclusion on the website
- Reviews drafts of the research output and provides constructive comments, particularly technical errors, omissions or ambiguities
- In particular it advises the CIRIA Project Manager on ensuring outputs are 'fit for publication':
 - relevant
 - technically accurate
 - independent
 - authoritative
 - presented in a format suitable for the target audience
- The PSG is made up of a balanced group of stakeholders identified through a stakeholder workshop (14 – 20 members)
- Corresponding PSG members may also be involved and will receive all meeting papers, progress reports, drafts etc.

Funders

In addition to funding remaining from the previous phase (including from Defence Estates, DEFRA and HSE) new funding for the project has been provided by AWE, British Energy, BNFL and UKAEA. All these funders have been invited to participate in the Project Steering Group.

DTI Safety Issues Task Force (SITF)

Within Government the project is sponsored by SITF who are able to endorse industry funding of the project through an enabling fund.

Operation of the Steering Group

- Agendas, papers and drafts for the meetings will be sent out 10 working days before the meeting
- Comments must either be received by the Project Manager in writing prior to the meeting, or tabled at the meeting, to enable them to be discussed and agreed. Comments cannot be accommodated after the meeting other than in exceptional circumstances
- Comments should be constructive and, whenever possible, should give details of omissions, errors, ambiguities or ways in which the presented material can be improved
- Wherever possible unanimity of opinion will be sought; should conflicts arise, CIRIA will be pragmatic in resolving these
- Steering Group meeting papers, draft and final reports are confidential to Members and their organisations until they are uploaded onto the website

Project team

Provides support to CIRIA on detailed management and content issues including vetting of website content

Network subscribers

Receive SAFEGROUNDS newsletter
Participate in stakeholder dialogue workshops

The Environment Council

Helps to guide project management process (and independently facilitates future workshops)

Independent Chair

Non-aligned PSG members who guides PSG meetings in a balance manner, ensuring debate and participation

Technical consultant

Delivers certain outputs under contract to CIRIA

Senior technical consultant

Advises and guides some outputs under contract to CIRIA

A small budget is available to enable certain NGO/ academic members of the PSG and the Chair to participate in the project.

An assumption has been made that participants in the project will have internet access through their work, home or library computers.

The history of SAFEGROUNDS

The SAFEGROUNDS (SAFety and Environmental Guidance for the Remediation of Nuclear and Defence Sites) project began in 1998 when nuclear industry committees sponsored by the Department of Trade and Industry (DTI) were discussing the difficulties of estimating and managing the liabilities posed by contaminated land on nuclear sites. A feasibility study was carried out by CIRIA, The Environment Council and WS Atkins to investigate whether and how best practice guidance could be established. The study resulted in the proposal to undertake a three-year project, to be known as SAFEGROUNDS that would:

- Establish a learning network, to be funded by the nuclear industry and others;
- Use the network to produce, by consensus amongst a wide range of stakeholders, good practice guidance on the health, safety and environmental aspects of managing contaminated land on civil nuclear sites and on defence sites;
- Evolve into a self-standing learning network to maintain and improve the guidance in the light of experience in using it, and taking into account regulatory and other developments.

The proposal was approved and SAFEGROUNDS proper began in mid-1999. Since then the project has been managed by CIRIA, with support from The Environment Council, on behalf of the DTI Liability Management Group Safety Issues Task Force (SITF). Until 2001, WS Atkins was also part of the management team.

SAFEGROUNDS was developed to:

- support good practice in the health, safety and environmental aspects of managing contaminated land on civil nuclear sites and defence sites
- address radioactively contaminated land, chemically (non-radioactively) contaminated land, and land with both radioactive and chemical contamination.

Stakeholder dialogue processes, a web site, meetings of a steering group, meetings of a project management team, and contracts for particular pieces of work, have been used to produce good practice guidance. The guidance was developed primarily for site owners, site operators and their contractors, but it was intended to be useful to others, including regulators and groups within the public.

SAFEGROUNDS has been supported through direct funding and/ or in kind contributions from nuclear industry organisations, regulators, government departments and contractors. A much wider range of organisations (for example, local government bodies, non-governmental organisations and community-based organisations) have taken part in workshops and other activities.

Scope of the project

The SAFEGROUNDS project has been developed to cover 'nuclear-licensed sites' and 'defence sites'. The term 'nuclear-licensed site' has a specific meaning in UK law but the important point is that all the nuclear power station sites are nuclear-licensed sites, as are the sites where nuclear fuel is manufactured, the site where spent fuel is reprocessed (Sellafield), the UKAEA sites where R&D was or is carried out, and the low level radioactive waste disposal facility at Drigg. Sites where nuclear weapons are made and sites where nuclear-powered submarines are maintained are also nuclear-licensed sites and are owned by the Ministry of Defence (MoD) but operated by contractors.

The term 'defence site' is used to mean any site that is owned by MoD that is not a nuclear-licensed site and where it is known or suspected that radioactive contamination is present on, in or under the land. Most defence sites are ones where the main operation involving radioactive materials was the maintenance of radium luminised instruments, an activity which ceased many years ago. MoD is in the process of remediating many of these sites with a view to their sale or re-use for another purpose. A small number of defence sites are ones where nuclear operations (particularly the storage of nuclear weapons) are, and will continue to be, carried out. These particular defence sites are not legally subject to all the

aspects of the civilian control regime but it is MoD policy that, where practicable, equivalent standards of control should be applied.

The common feature of nuclear-licensed sites and defence sites is that they all contain land that is or may be radioactively contaminated; many of the sites may also have chemical contamination present. This could be a result of relatively recent construction and engineering operations on the site, or a result of past site uses. For example, many of the current civil nuclear-licensed sites were formerly used for military purposes (several were airfields before and during the Second World War). In some instances, parts of the site are radioactively contaminated and parts chemically contaminated; in other cases there are pieces of land with mixed radioactive and chemical contamination. The SAFEGROUNDS good practice guidance has been developed to cover all these possibilities.

Stakeholder dialogue processes

From the very start, the SAFEGROUNDS project has held stakeholder meetings facilitated by The Environment Council. The first meeting was held during the feasibility study prior to the project proper and three were held during the course of developing the good practice guidance.

Project website

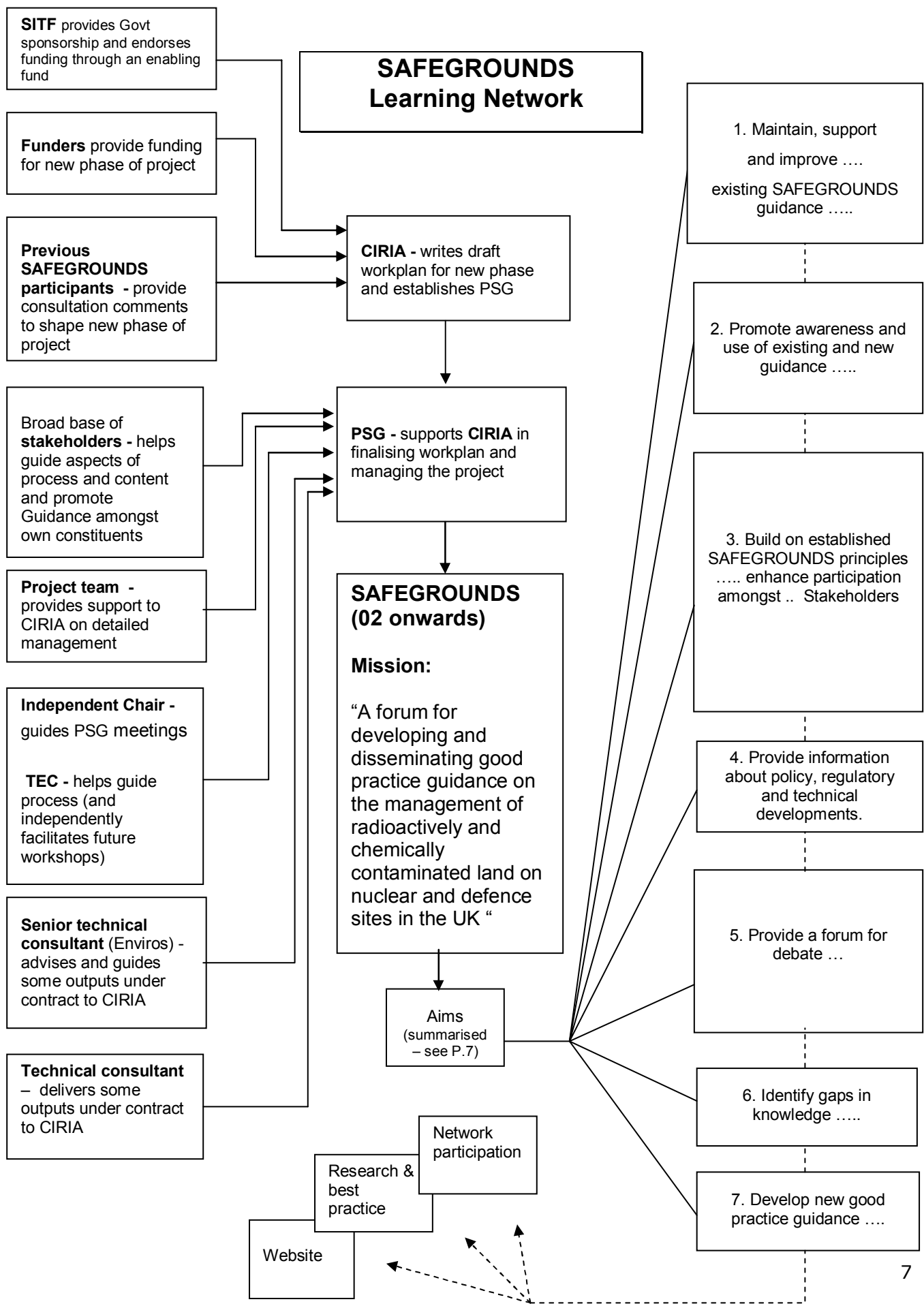
The SAFEGROUNDS website (www.safegrounds.com) was set up in late 1999. It has been a very important means of communication for those who participate directly in the project, and for those who have a more peripheral interest. Several sections of the web site were used to provide information on progress and future plans. In particular, the 'about' section shows the work in progress and the sponsoring organisations, with links to their web sites. The 'events' section provided information about past and future meetings, and the 'timeline' section gave the overall project schedule. The 'signposts' section linked to other useful sites. Since December 2000, 'feedback' has been one of the most important sections of the site and has been used extensively in the consultation on key principles for managing contaminated land.

Good practice guidance

The first piece of SAFEGROUNDS good practice guidance was on the characterisation of contaminated land on nuclear sites and defence sites. It was written with input from a stakeholder workshop by AEA Technology, under contract to CIRIA and under the direction of a steering group. It was published on the web site towards the end of 2000.

Work started in mid-2000 on producing good practice guidance about selecting, implementing and validating methods for the future management of contaminated land on nuclear sites and defence sites. A stakeholder workshop was held in July 2000 to identify and prioritise the main issues, and contractors were selected to assist in producing the guidance through a consortium led by Enviros. The plan was to produce a guidance document containing key principles and basic guidance for all sites, and more specific guidance for nuclear sites, including those that are being decommissioned; and defence sites for which a change of ownership and/or use is planned. The guidance ("[Good Practice Guidance on the Management of Contaminated Land on Nuclear and Defence Sites](#)") was published on the web site in September 2002. The site characterisation guidance and the land management guidance were intended to be 'living documents' that would be updated at intervals in the light of experience and scientific, technological, regulatory and other developments.

It was considered desirable that the SAFEGROUNDS network did not become a highly technical discussion forum. If it did, the good practice guidance might come to be seen as just a product of the nuclear industry talking to itself. This could devalue the process and result in its rejection by other stakeholders. Further, it was recognised that the network would have to function in the context of an increasing number of land redemption projects and decisions at specific nuclear and defence sites. This would mean that the network might play some sort of bridging role between local and national concerns.



Workplan for SAFEGROUNDS Learning Network (02/05)

Mission

A forum for developing and disseminating good practice guidance on the management of radioactively and chemically contaminated land on nuclear and defence sites in the UK.

Aims

The long term aims for SAFEGROUNDS:

- ◆ Maintain, support and improve where appropriate the existing SAFEGROUNDS guidance documents for managing contaminated land on nuclear and defence sites.
- ◆ Promote awareness and use of the existing and new guidance amongst all stakeholders (operators, liability holders, regulators, NGOs, local authorities etc).
- ◆ Build on established SAFEGROUNDS principles, help build trust between stakeholder groups and enhance participation amongst local and national stakeholders on issues associated with the management of contaminated land on nuclear and defence sites.
- ◆ Provide information about policy, regulatory and technical developments.
- ◆ Provide a forum for debate on policy, regulatory, technical and practical issues, and a means for participants to collectively communicate with decision-makers if they wish to do so.
- ◆ Identify gaps in knowledge and the R&D to fill those gaps.
- ◆ Develop new good practice guidance as required.

Tasks for achieving the aims

- ◆ Maintain, support and improve where appropriate the existing SAFEGROUNDS website guidance documents for managing contaminated land on nuclear and defence sites:
 - main land management guidance:
 - produce a short version (4 page, hard copy)
 - develop flow diagrams
 - develop the appendices
 - re-assess the site characterisation guidance and update to ensure it is consistent with the land management guidance
 - produce further guidance on transparent and participatory decision making and Optioneering e.g. how to do the BPEO item, including case histories
 - PSG to discuss re-visiting Graham Smith's paper on assessments of health in the light of publication of the recommendations of the European Committee on Radiation Risk and CERRIE report
 - PSG to discuss re-visiting David Collier's paper on Community Stakeholder Involvement (views on a possible update to be informed by NGO/ CBO/ local authority workshop)
 - general (to aid navigation and understanding):
 - write an inventory of the SAFEGROUNDS guidance and articles
 - develop a flow diagram for all the elements of SAFEGROUNDS

- ◆ Promote awareness and use of the existing and new guidance amongst all stakeholders (liability holders, regulators, NGOs, local authorities etc):
 - short term:
 - PSG members to liaise with key contacts within their organisations who can encourage uptake
 - identify appropriate trade and other journals and write promotional articles
 - encourage brief summary of guidance to be placed on PSG member intranets
 - highlight the guidance at conferences and other events involving PSG members
 - include an electronic feedback form on the website to elicit views on implementation
 - commence a process of: evaluating the guidance from the perspectives of different users; identifying barriers to its use; recommending further enhancements
 - medium term:
 - use case histories to show where the guidance has been used successfully (refer to draft case history below)
- ◆ Build on established SAFEGROUNDS principles, help build trust between stakeholder groups and enhance participation amongst local and national stakeholders on generic issues associated with the management of contaminated land on nuclear and defence sites.
 - establish a multi stakeholder PSG with an independent chair (ensure adequate NGO, CBO and local authority representation – budget for attendance at meetings)
 - as proposed in phase 1 of SAFEGROUNDS carry out a facilitated meeting with NGO, CBO and local authority stakeholders to discuss the guidance and its implementation – this is also an opportunity for considering possible updates of David Collier's paper on Community Stakeholder Involvement
 - produce a draft technical or non-technical case history (developing a standard template that can be re-used) showing where organisations using the guidance have adopted particular aspects such as stakeholder involvement or other key principles
 - write a plan for the development of further case studies using the template and indicating how they might be funded and disseminated to encourage the development of good practice
 - develop a quarterly newsletter to regularly update stakeholders (develop a list of stakeholder contacts/ subscribers to receive newsletter)
 - provide web links to other consultations/ dialogues/ initiatives
 - write articles for appropriate journals to promote the stakeholder process and participation
 - develop close links with other dialogues such as vllw and Clearance as and when agreed by the PSG
- ◆ Provide information about policy, regulatory and technical developments (making a clear distinction between SAFEGROUNDS endorsed guidance and other information, which will be covered by a disclaimer):
 - provide existing CIRIA case histories on decontamination techniques/ technologies (in format appropriate to SAFEGROUNDS) and CIRIA's guidance booklet on selecting remediation as a downloadable pdf document when it becomes available
 - develop new case histories on decontamination techniques/ technologies
 - provide information on new regulatory developments (and update regulatory framework paper as necessary)
 - provide abstracts on (and weblinks to) useful policy and regulatory guidance documents and definitions for radiologically contaminated land eg:

- Environment Agency's "Guidance for the Remediation of Radioactive Contaminated Land" (only relevant to defence sites)
 - HSE guidance for radioactively contaminated land on nuclear-licensed sites
 - see Regulatory Framework paper and Land Management Guidance for other useful references
 - guidance from the NRPB on trigger/ target values (as appropriate)
- provide an awareness section on the website for clean-up technologies/ techniques – technology suppliers might sponsor this and generate funds for SAFEGROUNDS (write to them)
 - carry out initial planning for showcase event for technologies/ techniques (investigate sponsorship from suppliers)
 - weblinks to/ from:
 - NDA developments
 - CERRIE re: radiation risk models
 - Nirex inventory of radioactive wastes (for estimates of land remediation waste amounts)
 - Part IIA register of remediated sites
 - technical needs (see appendix 2 of work plan)
 - very low level waste dialogue
 - technology case studies
- ◆ Provide a forum for debate on policy, regulatory, technical and practical issues, and a means for participants to collectively communicate with decision-makers if they wish to do so:
 - provide link from the website to an interactive forum (PSG to agree the groundrules for its use) and initiate discussion
 - develop a list of frequently asked questions (FAQ's) for inclusion on the website
 - provide weblinks to documents undergoing public consultation
- ◆ Identify gaps in knowledge and the R&D to fill those gaps:
 - assess what good practice guidance/ R&D SAFEGROUNDS has already and how well it fits aims of project
 - PSG to put forward 'good practice' and R&D requirements
 - PSG advise which R&D and good practice ideas to take forward
 - write at least 1 proposal for a research or best practice project for future management by SAFEGROUNDS
- ◆ Develop new good practice guidance as required:
 - assess what good practice guidance SAFEGROUNDS has already and how well it fits the aims of the of the SAFEGROUNDS guidance
 - undertake a survey of stakeholder 'good practice' requirements
 - PSG advise which good practice ideas to take forward
 - write a programme for developing good practice guidance and related funding plans
 - write at least 1 proposal for a research or best practice project for future management by SAFEGROUNDS

Programme of activities

1 October 2002 – March 2003

Preliminary development work

Preliminary workstep: Workplan consultation/ start up and publicity	
Oct 02 to March 03	consultation and development of draft project workplan
	initial recruitment of PSG based on contacts suggested at stakeholder workshop 24 Sept 2002
	hold preliminary PSG (include payments for NGO representatives)
	team meetings x2 to discuss comments on draft workplan
	meetings x 2 with IT consultant
	write publicity article for CLAIRE network and Sustain magazine/ SAFEGROUNDS summary, including– summary for website
	ongoing maintenance of the website including payment of subscription charges
	establish contractual arrangements with project funders – first set of invoices
	carry out CIRIA internal start-up procedures
	develop a short draft communications plan
	initial development of network members' database
	start identifying and gathering good practice information for inclusion on the website, including case studies by Joanne Kwan, CIRIA
	investigate link between SAFEGROUNDS and vllw project
	present paper at BNES conference in Jan 03 to promote the project and establish representation at 2 other conferences (incl. Consoil)
finalise IT work brief, carry out initial re-development of the website including work to set up required infrastructure for the electronic newsletter and discussion forum	

2 April 2003 – March 2004

Main programme

Workstep 1: Finalise PSG and re-develop website	
April 03 to May 03	finalise multi stakeholder PSG with independent chair (ensure NGO, CBO and local authority representation)
	re-develop website/ IT aspects, provide link to an interactive forum (PSG to agree the ground-rules for its use)
	write an inventory of the SAFEGROUNDS guidance and articles
	develop a flow diagram for all the elements of SAFEGROUNDS
	produce a short version (draft 1) (4 page) of land management guidance (to be distributed as hard copy and put on website)
Workstep 2: Promote guidance and develop newsletter	
May 03 to July 03	identify appropriate journals and write articles to promote the guidance and stakeholder process & participation
	PSG members promote guidance within their organisations using their intranets where appropriate
	develop a quarterly newsletter to update stakeholders (develop a contacts list/ potential subscribers)
	PSG members to highlight the guidance at conferences and other events
	hold PSG meeting 1
Workstep 3: Develop web content incl. 4 page version of guidance	
June 03 to Aug 03	provide CIRIA decontamination case histories on website (in appropriate format) & provide info on regulatory developments (update regulatory framework paper if necessary)
	provide 5 – 10 weblinks to relevant organisations and information
	provide weblinks to documents undergoing public consultation
	provide web links to other dialogues
	produce a short version (draft 2) (4 page) of land management guidance (4 days)
Workstep 4: Prepare 1st newsletter and further develop web content	
July 03 to Oct 03	prepare quarterly newsletter #1
	develop links with other dialogues such as vllw and Clearance as and when agreed by the PSG
	provide clean-up technologies awareness section on the website (not populated) and write to potential sponsors
	start developing Optioneering templates with Mike Pearl (in prep. for programme 3 below)
	provide abstracts on/ weblinks to 5–10 policy/ reg. guidance documents and definitions for rad. contam. land
	hold PSG meeting 2
Workstep 5: Assess further good practice/ research requirements	
Sept 03 to Dec 03	assess what good practice guidance/ R&D SAFEGROUNDS has already and how well it fits aims of project
	PSG to put forward 'good practice' and R&D requirements
	PSG advise which R&D and good practice ideas to take forward

Main programme (continued)

Workstep 6: Collate feedback on the guidance and develop draft case study	
Nov 03 to Jan 04	collate responses from electronic feedback form on the website to elicit views on implementation of guidance
	highlight the guidance at conferences and other events involving PSG members
	produce draft technical or non-technical case history (x1) (develop a standard template)
	PSG members to feedback from their organisations about uptake of the guidance (this will feed into a process of: evaluating the guidance from the perspectives of different users, identifying barriers to its use, recommending further enhancements)
	hold PSG meeting 3
Workstep 7: Prepare 2nd newsletter and write project report/ plan next stage of the project	
July 03 to Mar 04	prepare quarterly newsletter #2
	list further possible case studies – suggest funding options
	initial planning for showcase event for technologies/ techniques (suppliers to sponsor)
	write at least 1 proposal for an R&D or good practice project for future management by SAFEGROUNDS
	write project report including recommendations for further activity

3 April 2004 – March 2005 and onwards

Indicative elements and costings for the future programme

£	Activity
13k	as proposed in phase 1 of SAFEGROUNDS carry out a facilitated meeting with NGO, CBO and local authority groups to discuss the guidance and its implementation (this would be a good opportunity to re-visit David Collier's paper on Community Stakeholder Involvement)
5-10k	re-visit Graham Smith's paper on assessments of health in the light of publication of the recommendations of the European Committee on Radiation Risk etc – PSG to discuss if this needs updating but wait until CERRIE report is published (probably early 2004)
5-7k	develop flow diagrams for land management guidance (up to 10 days)
5-7k	re-assess the site characterisation guidance and update to ensure it is consistent with the land management guidance (up to 10 days)
4k	write further proposals for research project/ best practice projects for future management by SAFEGROUNDS 2
3 – 4k each	develop further case histories on decontamination techniques/ technologies
3 – 4k each	develop further case histories showing use of the guidance
?k	use case histories to promote where the guidance has been used successfully
7-15k	produce further guidance on transparent and participatory decision making Optioneering e.g. how to do the BPEO item, including case histories (EA/SEPA report at the end of 03 may provide indication of best way to proceed with this aspect)
35k	maintain website, management structure, PSG meetings, team meetings, prepare further quarterly newsletters, expenses (1 year)
10-20k	develop the appendices for the land management guidance – this is a fairly large piece of work to be undertaken over the next 2 – 3 years in consultation with nuclear industry and HSE and taking account of changes such as developments with the NDA
?k	commence a process of: evaluating the guidance from the perspectives of different users, identifying barriers to its use, recommending further enhancements
3k	develop a list of frequently asked questions (FAQ's) for inclusion on the website
3k	write a detailed programme for developing R&D and good practice guidance including related funding plans

Note: funding will be sought for this programme (initially approximately £150k), particularly for the high priority elements which can start as soon as resources are secured.

Gantt chart

	2002			2003												2004											
	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O		
0																											
1																											
2																											
3																											
4																											
5																											
6																											
7																											

Main outputs

Workstep 1: Finalise PSG and re-develop website	
May 03	re-developed website/ IT aspects including interactive forum
	inventory of the SAFEGROUNDS guidance and articles
	flow diagram for all the elements of SAFEGROUNDS
Workstep 2: Promote guidance and develop newsletter	
July 03	list of appropriate journals and completed promotional articles
	technical infrastructure in place for quarterly newsletter and contacts list/ potential subscribers
	completed PSG attendance/ feedback from conferences to highlight the guidance
Workstep 3: Develop web content incl. 4 page version of guidance	
Aug 03	CIRIA decontamination case histories on website
	information on regulatory developments on website
	5 – 10 weblinks to relevant organisations and information on website
	weblinks to documents undergoing public consultation on website
	weblinks to other dialogues on website
	4 page version of land management guidance
Workstep 4: Prepare 1st newsletter and further develop web content	
Oct 03	quarterly newsletter #1
	awareness section on clean-up technologies on website (not populated)
	abstracts on/ weblinks to 5–10 policy/ reg. guidance documents/ definitions for rad. contam. land
Workstep 5: Assess further good practice/ research requirements	
Dec 03	list of R&D and good practice ideas to take forward
Workstep 6: Collate feedback on the guidance and develop draft case study	
Jan 04	collated responses from electronic feedback form
	draft technical or non-technical case history (x1) (develop a standard template)
Workstep 7: Prepare 2nd newsletter and write project report/ plan next stage of the project	
July 03 to Mar 04	quarterly newsletter #2
	list of further possible case studies – suggest funding options
	Summary of initial planning for showcase event for technologies/ techniques (suppliers to sponsor)
	1 proposal for an R&D or good practice project for future management by SAFEGROUNDS
	project report including recommendations for further activity

Appendix

Inventory of SAFEGROUNDS website and diagram showing its re-development

Inventory of www.SAFEGROUNDS.com and flow diagram for re-development of the website

Notes:

Bold text = document title

There are good potentially usable summaries of docs etc

This inventory is not yet definitive – care is needed to make sure we don't miss anything

I have not reviewed the gallery section

Confirm people's full titles

1 Guidance produced under the auspices of SAFEGROUNDS

1.1 Good Practice Guidance for the Management of Contaminated Land on Nuclear and Defence Sites

Marion Hill, Envirosearch, Sept 2002 et al

Downloadable pdfs (3 sections) and HTML format

References section contains many potentially linkable references

HTML:

<http://www.safegrounds.com/Guidance/Management/index.html>

Full:

<http://www.safegrounds.com/Guidance/Management/Downloads/Management%20of%20Contaminated%20Land.pdf>

Appendix A:

<http://www.safegrounds.com/Guidance/Management/Downloads/Nuclear-Licensed%20Sites.pdf>

Appendix B:

<http://www.safegrounds.com/Guidance/Management/Downloads/Defence%20Sites.pdf>

1.2 Technical Options for Managing Contaminated Land

Hugh Mallet, Envirosearch, Oct 2002

Downloadable pdf

Contains approx. 9 hyperlinks incl. US orgs

<http://www.safegrounds.com/Bookshelf/Technical%20options.pdf>

1.3 Best Practice Guidance for Site Characterisation, Managing Contaminated Land on Nuclear-Licensed and Defence Sites

AC Baker et al October 2000

Downloadable as 1 pdf or in 10 different sections and précis in HTML format

Appendix: List of nuclear licensed sites in the United Kingdom

References sections contain some potentially linkable references

HTML:

<http://www.safegrounds.com/Guidance/Characterisation/index.html>

Full:

<http://www.safegrounds.com/Guidance/Characterisation/download.html>

(individual sections are currently also available as pdfs)

1.4 Regulatory Framework for Contaminated Land on Nuclear-Licensed Sites and Defence site, Discussion Paper for the SAFEGROUNDS Learning Network (Version 3)

Marion Hill, Enviro September 2002

Downloadable as pdf

References section contains approximately 5 potentially linkable references to documents which are available on other websites

<http://www.safegrounds.com/Bookshelf/Regulatory%20framework%20for%20contaminated%20land.pdf>

1.5 Community Stakeholder Involvement

David Collier, Greenstreet Berman September 2002

Downloadable pdf

Range of potential links and recommended reading

<http://www.safegrounds.com/Bookshelf/Community%20stakeholder%20involvement.pdf>

1.6 Assessments of Health and Environmental Risks of Management Options for Contaminated Land

Graham Smith, Enviro September 2002

Downloadable pdf

References section contains many potentially linkable references

<http://www.safegrounds.com/Bookshelf/Assessments%20of%20health%20and%20environmental%20risks.pdf>

1.7 Management of Contaminated Land on Nuclear Sites: Establishing and Delivering Best Practice Guidance (conference paper)

Fin Jardine CIRIA et al, May 2000

Downloadable pdf

References section may contain potentially linkable references but these may be dated

<http://www.safegrounds.com/Bookshelf/Management%20of%20contaminated%20land%20on%20nuclear%20sites.pdf>

2 Other guidance material not produced under the auspices of the SAFEGROUNDS project

2.1 Assessment of Risks to Human Health From Land Contamination: An Overview of the Development of Soil Guideline Values and Related Research (CLR 7)

DEFRA and EA March 2002

Downloadable pdf

References section contains many potentially linkable references

<http://www.defra.gov.uk/environment/landliability/pdf/clr7.pdf>

2.2 Potential Contaminants for the Assessment of Land (CLR 8)

DEFRA and EA March 2002

Downloadable pdf

References section contains many potentially linkable references

<http://www.defra.gov.uk/environment/landliability/pdf/clr8.pdf>

2.3 Contaminants in Soil: Collation of Toxicological Data and Intake Values for Humans (CLR9)

DEFRA and EA March 2002

Downloadable pdf

References section contains many potentially linkable references

<http://www.defra.gov.uk/environment/landliability/pdf/clr9.pdf>

2.4 The Contaminated Land Exposure Assessment (CLEA) Model: Technical Basis and Algorithms (CLR10)

DEFRA and EA January 2002

Downloadable pdf

References section contains many potentially linkable references

<http://www.defra.gov.uk/environment/landliability/pdf/clr10.pdf>

2.5 link to DEFRA website containing all of the above and many other useful documents

www.defra.gov.uk/environment/landliability/pubs.htm

2.6 An Assessment of the Records and Documents Required for Efficient Liabilities Management

John Taylor, Safety Issues Task Force/ BNFL October 2002
Downloadable pdf

<http://www.safegrounds.com/Bookshelf/Efficient%20liabilities%20management.pdf>

2.7 the existing “technical papers” link is unnecessary as docs. Can be accessed via other routes

3 Non guidance material: topical articles, discussion pieces, planned events & event reports, results from feedback questionnaires, SAFEGROUNDS timeline and background information

- 3.1 Scan of letter re. Advocacy Issues:
<http://www.safegrounds.com/Magazine/magazine05.html>
and reply:
<http://www.safegrounds.com/Magazine/magazine07.html>
plus an amended description of them should remain

Link/ reference re. the White Paper, “Managing the Nuclear Legacy” is not useful in present form - must re-word this section and may consider link to the actual White Paper document

3.2 Resolution of the Committee of the Regions on 'Nuclear Safety and Local/Regional Democracy' (98/C251/06)

The EU Committee of the Regions May 1998

Check the statement “This document was referenced in a report to (?) consultation on key principles for managing contaminated land”.

<http://www.safegrounds.com/Magazine/jamie%20woolley%20Official%20COR%20Resolution.pdf>

3.3 Wobbly science and unrecognised risks

Richard Bramhall, Low Level Radiation Campaign date?
Contains many potentially usable links

<http://www.safegrounds.com/Magazine/magazine04.html>

3.4 The SAFEGROUNDS project

Andy Thomas Chairman of SAFEGROUNDS to March 03/ BNFL 2002
Keep but could update this summary of the project

<http://www.safegrounds.com/Magazine/magazine01.html>

3.5 Radioactively Contaminated Land on Nuclear Licensed Sites: a Regulatory Perspective

Brian Delaney Health & Safety Executive's Safety Policy Directorate
SAFEGROUNDS Learning Network Steering Group
Contains useful link to NII

<http://www.safegrounds.com/Magazine/magazine02.html>

- 3.6 an open letter to Mr Mel Draper of the DTI's Atomic Energy Division
by Dr John B Taylor Head of Corporate Safety Assurance, BNFL, Chairman DTI
Liability Management Group (LMG) Safety Issues Task Force
Expresses regulatory concerns in relation to discharging contaminated land
liabilities

<http://www.safegrounds.com/Magazine/magazine03.html>

- 3.7 ground rules

<http://www.safegrounds.com/Magazine/index.html>

- 3.8 disclaimer

may need to re-visit what disclaimers we use on the new website

- 3.9 A Note on LMG and SITF: How the Nuclear Industry Ensures Best Practice
in the Safe and Effective Management of its Radioactive Liabilities**

Andy Thomas Sep 2002

http://www.safegrounds.com/About/LMG_and_SITF.html

- 3.10 events section, workshop reports/ purpose of the workshops, "Tasks" and the
references via the homepage all need sorting out:

Workshop reports:

http://www.safegrounds.com/Events/workshop_Jan2000.html

http://www.safegrounds.com/Events/workshop_MayJuly2001.html

Tasks (probably defunct?):

<http://www.safegrounds.com/About/task1.html>

<http://www.safegrounds.com/About/task2.html>

<http://www.safegrounds.com/About/task3.html>

<http://www.safegrounds.com/About/task4.html>

- 3.11 SAFEGROUNDS has conducted a consultation about key principles for the selection, implementation and validation of the preferred options for managing, and particularly remediating, contaminated land on nuclear-licensed sites and defence sites. Results to both 1st and the 2nd questionnaires can be viewed on Feedback page.
- 3.12 SAFEGROUNDS timeline may need to dispense with or re-think
- 3.13 About section
This section is very patchy and needs looking at
- 3.14 Signpost section contains short descriptions of and links to other relevant organisations
- 3.15 Gallery section contains a photo-library of images, photographs, and diagrams relevant to the remediation of land on nuclear and defence sites

4 Information planned for period April 03 – March 04

- 4.1 four page version of the main Guidance
- 4.2 flow diagram of all elements of SAFEGROUNDS
- 4.3 publicity articles written for journals
- 4.4 event reports by PSG members
- 4.5 newsletters
- 4.6 CIRIA decontamination case histories
- 4.7 abstracts on/ weblinks to 5 – 10 policy/ regulatory guidance documents and definitions of radioactively contaminated land
- 4.8 feedback on implementation of Guidance
- 4.9 draft technical/ non-technical case histories

5 Information planned for period April 04 – March 05

- 5.1 feedback from facilitated meeting with NGOs/ local authorities including consultation feedback on Graham Smith's paper, **Assessment of Health and Environmental Risks of Management Options for contaminated Land**
- 5.2 **Assessment of Health and Environmental Risks of Management Options for contaminated Land** (updated), by Graham Smith
- 5.3 flow diagram for **Guidance**
- 5.4 **Best Practice Guidance for Site Characterisation, Managing Contaminated Land on Nuclear-Licensed and Defence Sites** (updated) by AC Baker et al
- 5.5 further decontamination case histories
- 5.6 further case histories showing use of **Guidance**
- 5.7 further guidance on Optioneering (eg how to do the BPEO item)
- 5.8 **Guidance** appendices (updated)
- 5.9 Frequently Asked Questions

