

The Black Method

How participation can overcome complexity

Friday 3rd June

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Where did the Black Method come from?

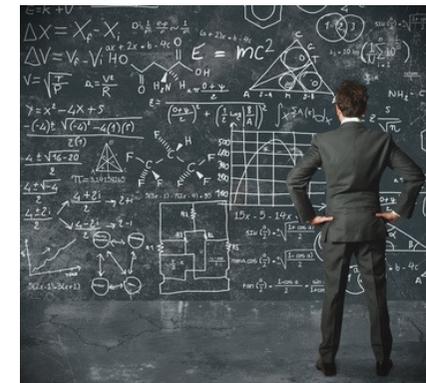
- Impact Assessments
 - What are the costs and benefits of changes to regulations?
- Requires evidence that is:



Quantitative



Qualitative



Complicated

The Offshore Safety Directive



EU-wide regulations

In response to
Deepwater Horizon

Worker and
environmental
safety

Already heavily
regulated in the UK

In response to Piper
Alpha

Hugely expensive and
important sector



Breadth vs Depth



Survey



Focus Group



Summary of structure of the Black Method

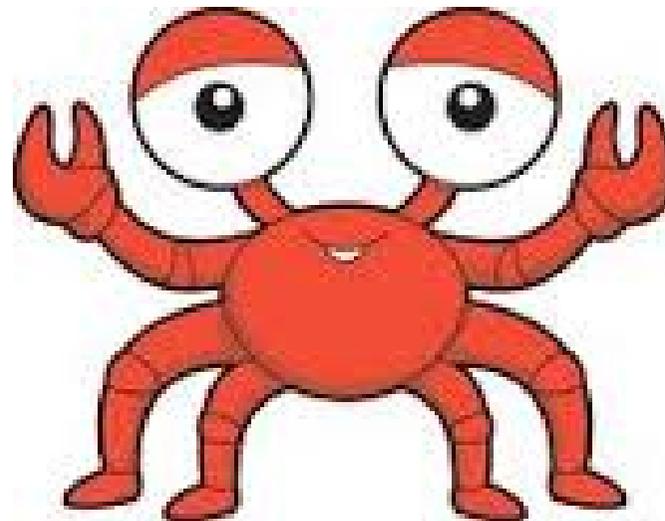


1. Recruitment and preparation
2. First research meeting
3. Active research phase
4. Second research meeting
5. Challenge panel

We will follow one question through the process



- Independent Verification
 - Safety-Critical Elements (SCEs)
 - Environmental-Critical Elements (ECEs)



We will follow one question through the process



- Question 15:
 - What would be involved in integrating environmental-critical elements into the existing verification and well examination schemes?
 - a. Who would do it? (Please give a title and estimated per-hour pay rate for each employee involved)
 - b. How long would it take? (Please give the hours spent by each employee you have listed above)

1. Recruitment and Preparation

- Asking the right people
 - Assembled a research group through a trade body
 - A range of different types and sizes of company
- Asking the right questions
 - Developed research questions into a stakeholder questionnaire
 - Policy and industry experts

2. First research meeting

- Aim: to turn the attendees into peer-researchers
 - Shared understanding of the questions being asked
 - Shared understanding of what the answers should look like
 - Refine the question set based on feedback

2. First research meeting

- Question 15:
 - What would be involved in integrating environmental-critical elements into the existing verification and well examination schemes?
 - a. Who would do it? (Please give a title and estimated per-hour pay rate for each employee involved **and give a charge-rate for any consultants** involved)
 - b. How long would it take? (Please give the hours spent by each employee **and consultant** you have listed above)

3. Active research phase



Company Name	Question 15	(a) Who would do it	(b) How long would it take	(calculations)	TOTALS
	What would be involved in integrating environmental-critical elements into the existing verification and well examination schemes?				
RESPONSE 01		Tsfkghfig £XX per hour with specific guidance and approval from independent third party. £XXXX per day (8 hours)	ETERTdf (X hours), ERTerdsf – X hours	= XX*£XX*XXhrs + £XX = £XX	£ 12,085
RESPONSE 02	Tjdakdhaiud ;kahediuahd aduia iudhakjh diuahcibk chxizc zc h kzhxc uifi figfig gfgas iufgsahfg ia iaudgia gfihbfigassfb ai9kjbziuc iagdiua aidg idga idg iagfiua gfiuagfi si fagf a	RESPONSE 02 Hksdfjsahf and the DFGDFG @ £XXXX per day and consultant @ £XXXX per day	X to X days for ferer and X to X days for Ffsdgdhd		£8,750 to £12,650
RESPONSE 03	Tjdakdhaiud ;kahediuahd aduia iudhakjh diuahcibk chxizc zc h kzhxc uifi figfig gfgas iufgsahfg ia iaudgia gfihbfigassfb ai9kjbziuc iagdiua aidg idga idg iagfiua gfiuagfi si fagf a	DFGdff RASFS @ £100 per hr ICP @ [HSE-estimated] £XXX per hr	XX hrs XX hrs	(Yredhdg @ £XXph*XX * XX) + (Pdsfsdfsdfs, no hourly charge in consultation response so must chase up on this, have taken estimate from RESPONSE 01 @ £XXph * XX) = £XXXX	£ 5,400
RESPONSE 04	Tjdakdhaiud ;kahediuahd aduia iudhakjh diuahcibk chxizc zc h kzhxc uifi figfig gfgas iufgsahfg ia iaudgia gfihbfigassfb ai9kjbziuc iagdiua aidg idga idg iagfiua gfiuagfi si fagf a	GD SFSfsdfs @ £XXX per hour Df a DFASF @ £XXX per hour	XXhrs each		£ 21,896
RESPONSE 05	Tjdakdhaiud ;kahediuahd aduia iudhakjh diuahcibk chxizc zc h kzhxc uifi figfig gfgas iufgsahfg ia iaudgia gfihbfigassfb ai9kjbziuc iagdiua aidg idga idg iagfiua gfiuagfi si fagf a	ddhudg @ £XXp/hrGGdsadas aDASD @ £XX p/hr Consultants: Hsadsar (ICP) @ £XXp/hr	XXhrs each. FGHDFFSDF XXhrs as ECE numbers low		£ 37,574
RESPONSE 06	Tjdakdhaiud ;kahediuahd aduia iudhakjh diuahcibk chxizc zc h kzhxc uifi figfig gfgas iufgsahfg ia iaudgia gfihbfigassfb ai9kjbziuc iagdiua aidg idga idg iagfiua gfiuagfi si fagf a	Staff: aidg, idga, idg, iagfiua, gfiuagfi, & si all @ £XX to £XX per hr Consultant @ £XXX per hr	Staff: XXX man hours total Consultant: XX hrs		£6,400 to £8,600
RESPONSE 07	N/A	N/A	N/A	N/A	N/A
RESPONSE 08	N/A	N/A	N/A	N/A	N/A
RESPONSE 09	Tjdakdhaiud ;kahediuahd aduia iudhakjh diuahcibk chxizc zc h kzhxc uifi figfig gfgas iufgsahfg ia iaudgia gfihbfigassfb ai9kjbziuc iagdiua aidg idga idg iagfiua gfiuagfi si fagf a	Gsdsd sdsd @ £XX per hr Consultant @ £XX per hr	XXX hrs XX hrs		£ 8,000
RESPONSE 10	Tjdakdhaiud ;kahediuahd aduia iudhakjh diuahcibk chxizc zc h kzhxc uifi figfig gfgas iufgsahfg ia iaudgia gfihbfigassfb ai9kjbziuc iagdiua aidg idga idg iagfiua gfiuagfi si fagf a	FDtrdf workgroup (up to xxx people) @ £XXXper hr	XXX hrs		£ 9,200
RESPONSE 11	N/A	N/A	N/A	N/A	N/A

Question 15

What would be involved in integrating environmental-critical elements into the existing verification and well examination schemes?

Company	Calculated Cost Estimates
Response 01	£12,085
Response 02	£8,750 - £12,650
Response 03	£5,400
Response 04	£21,896
Response 05	£37,594
Response 06	£6,400 - £8,600
Response 07	Blank
Response 08	Blank
Response 09	£8,000
Response 10	£9,200
Response 11	Blank

4: Second research meeting

- Aim: to challenge the findings of other attendees
 - To come to an understanding of the causes of variation in the data
 - Helps to be disclosive
 - Requires a skilled facilitator
- Question 15:
 - Agreed a range of £10k to £30k per installation

5: Challenge panel

- A panel of experts or lay people verify and challenge group-think
- For Question 15:
 - Responses from consultation indicated an underestimate
 - Followed up with interviewing
 - Revised estimate to between £10k and £60k per installation

**...so, does this participation work?
A natural experiment...**



Reflections



- Need an engaged group – may not always have!
- Agree confidentiality and disclosure at the start
- Existing stakeholder groups are useful
- Gathers a lot of information quickly
- Generates its own challenge/ agreement

Questions

