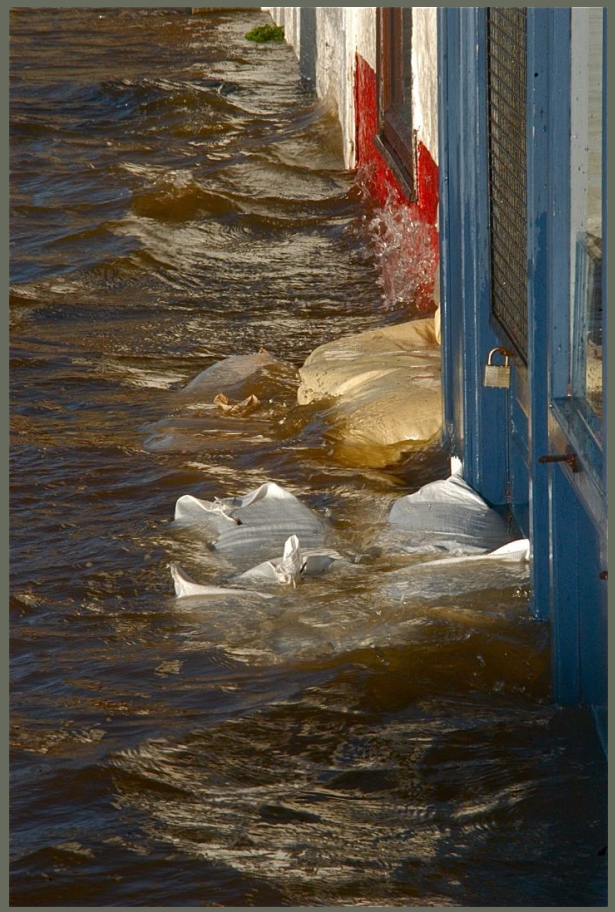
Environment Efficiency Technology



Britt Warg
UK Manager
Geodesign Barriers Ltd

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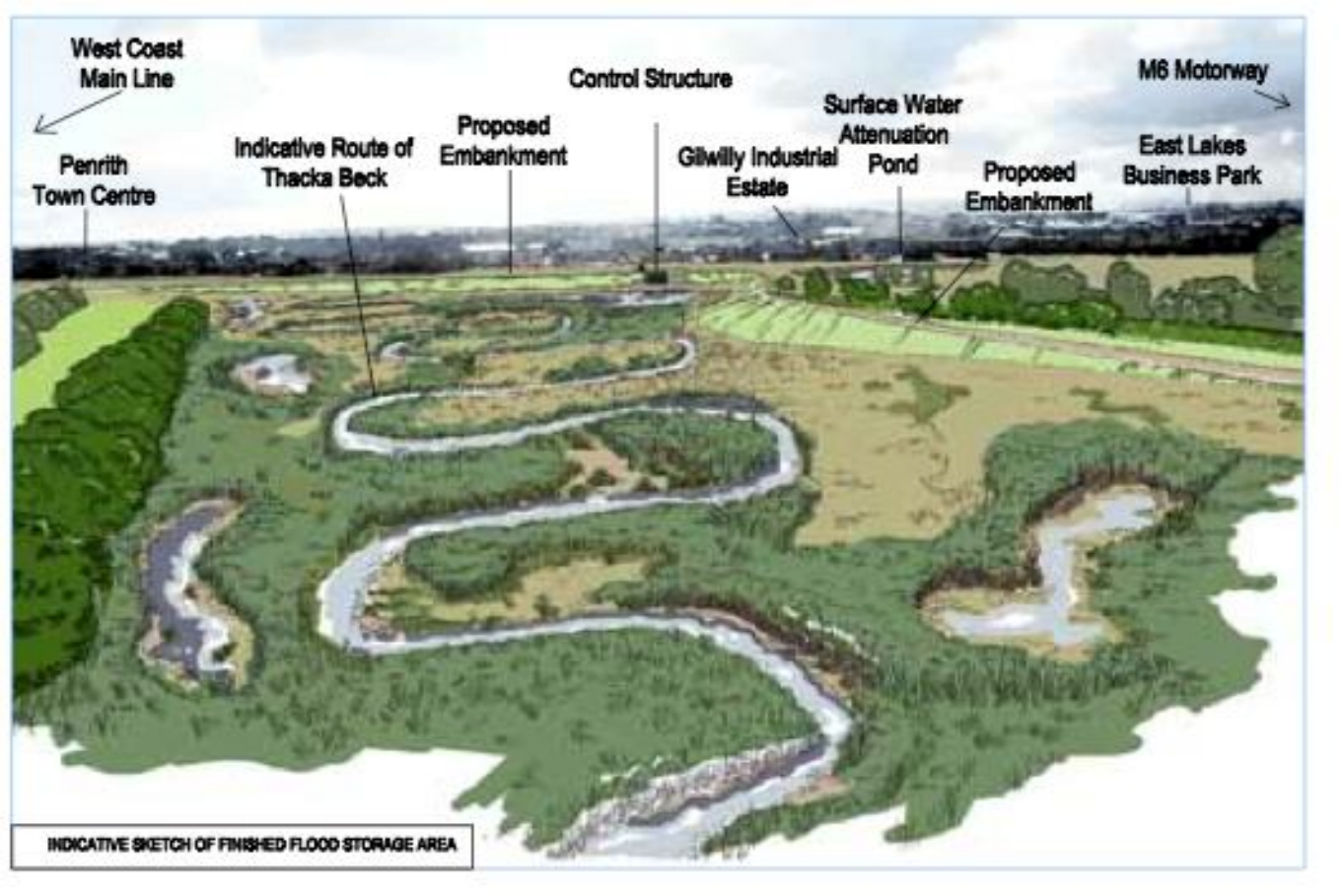
Flood alleviation schemes



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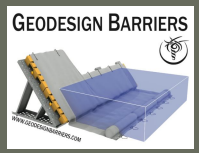
Cuts...

...Lord Smith, the chairman of the Environment Agency, told the *Observer* that flood defence spending would be "cut in cash terms [by] about 27% and that will happen immediately".

Smith said: "There will be communities that would – if funding had remained in place as at present – be starting flood defence work in a year or two years' time that will now be delayed."

(Observer, 21 November, 2010)



Properties and businesses get flooded

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Temporary, ‘innovative’ products

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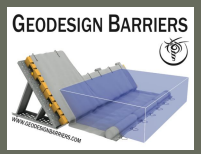

Cutting down on manpower

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Community based protection

UPTON-UPON-SEVERN, Worcestershire

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Communities

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Neighbours

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Staff

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Businesses & traders

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Politicians...

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Training

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Health & Safety ALERT!!!!!

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GEODESIGN BARRIERS

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Be prepared

DRY RUN – NOVEMBER 2003

WET RUN – FEBRUARY 2004

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Flood warning for river, tidal, coastal flooding...

FLOODFORECASTINGCENTRE

a working partnership between Environment Agency | Met Office

...and heavy rainfall which might lead to surface water flooding

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9 am, Romsey, Hampshire

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About tea time...

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Hebden Bridge, W.Yorkshire

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Astrazeneka HQ, Alderly Edge

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Don’t panic!

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Keep calm and carry on…

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Pumped out and dry

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Never give up!

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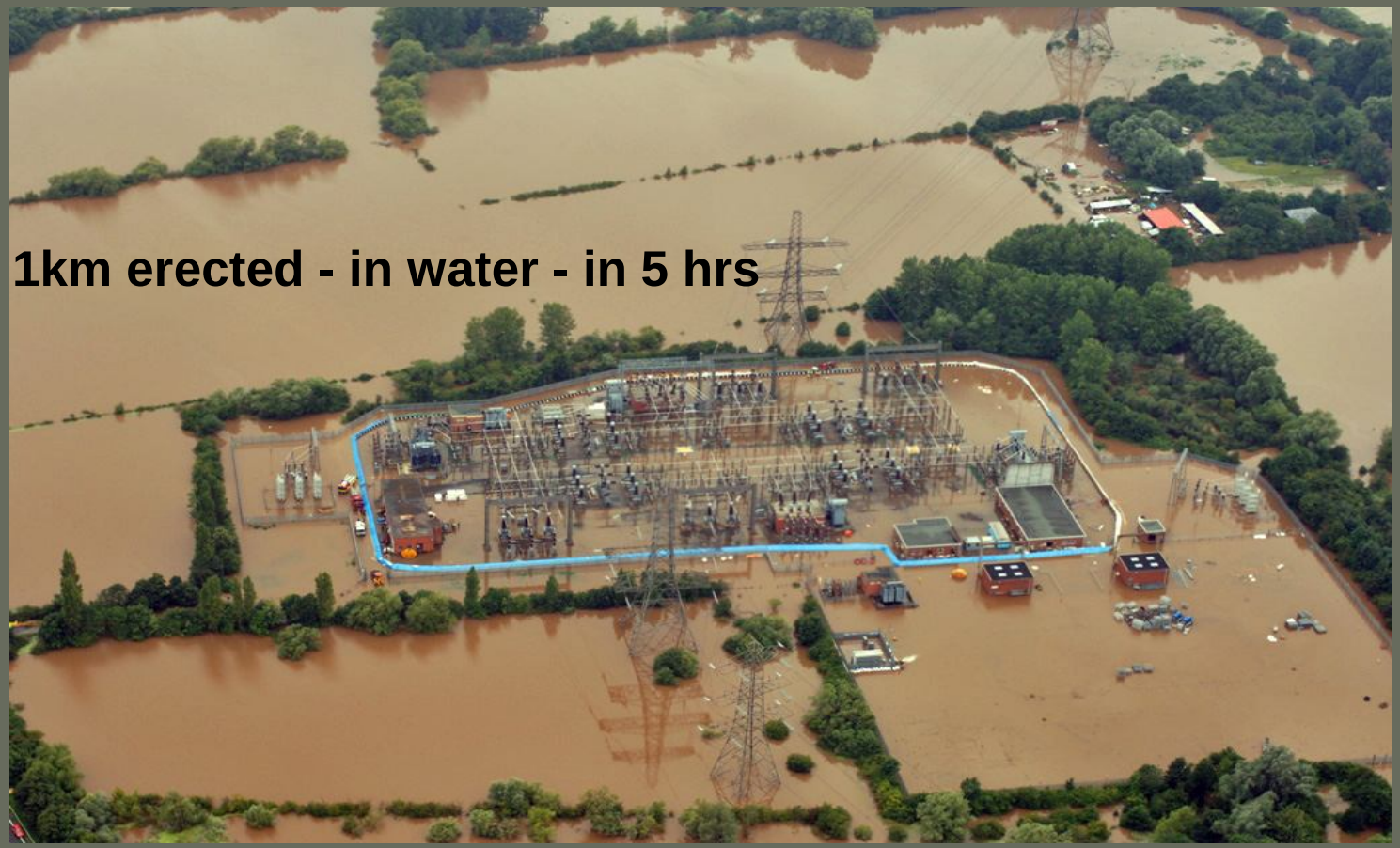
Walham, National Grid

Gloucester, July 2007



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Walham, Gloucester

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Flood Emergency Containers

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Logistics

IF TIME ALLOWS:

Stored in depots – transported by road

Plan suitable routes

FOR A FASTER RESPONSE:

Stored on site - in Flood Emergency Containers, complete with pumps etc

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Divert water away from vulnerable areas

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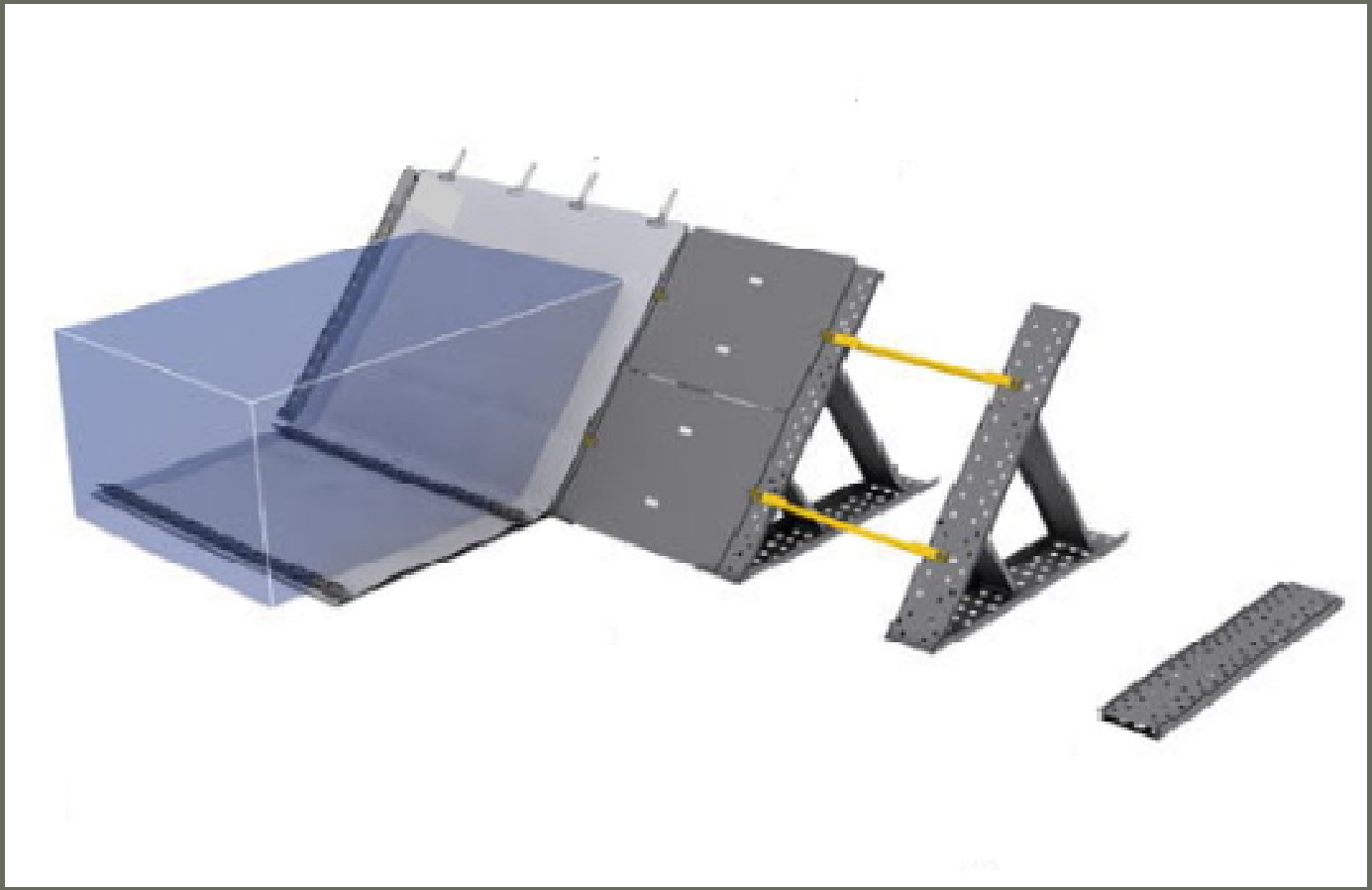
How long does it take to deploy?



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20m straight barrier
2 x 6 men / no previous experience

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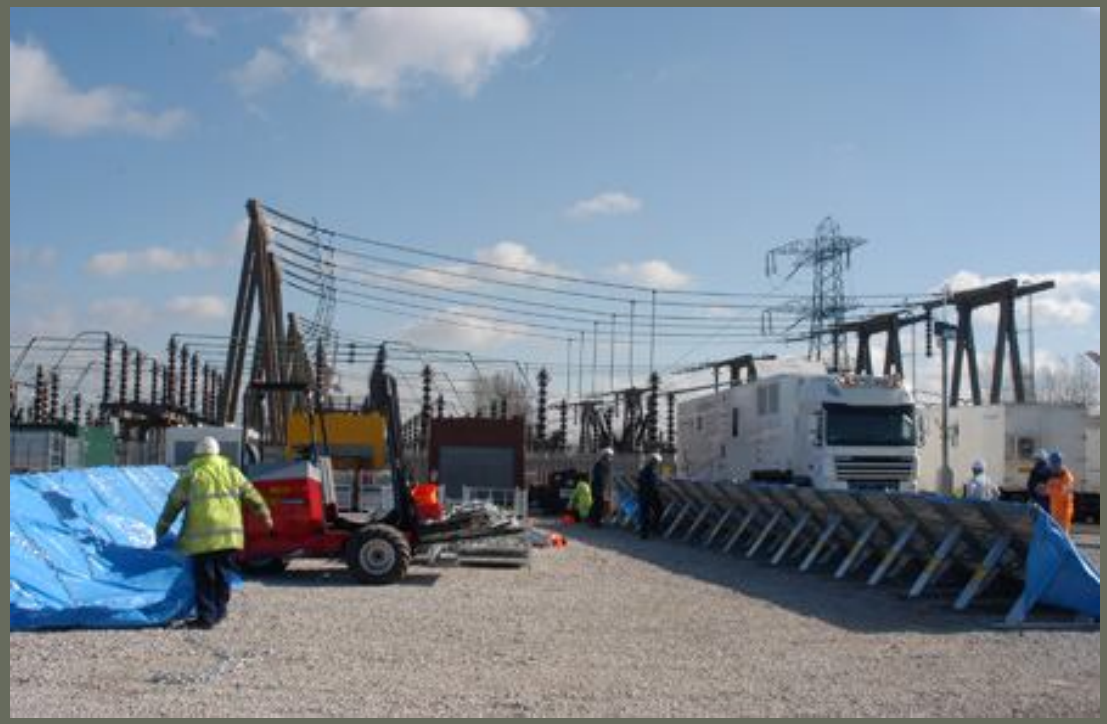
How long did it take?



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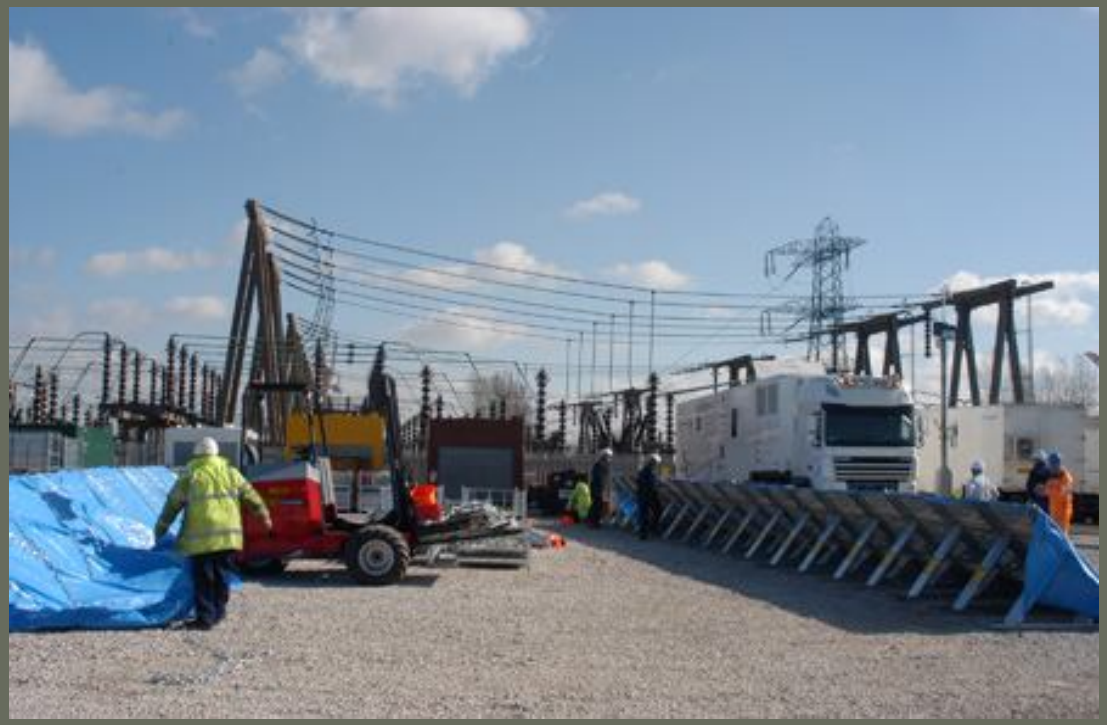
Answer:11.5 minutes



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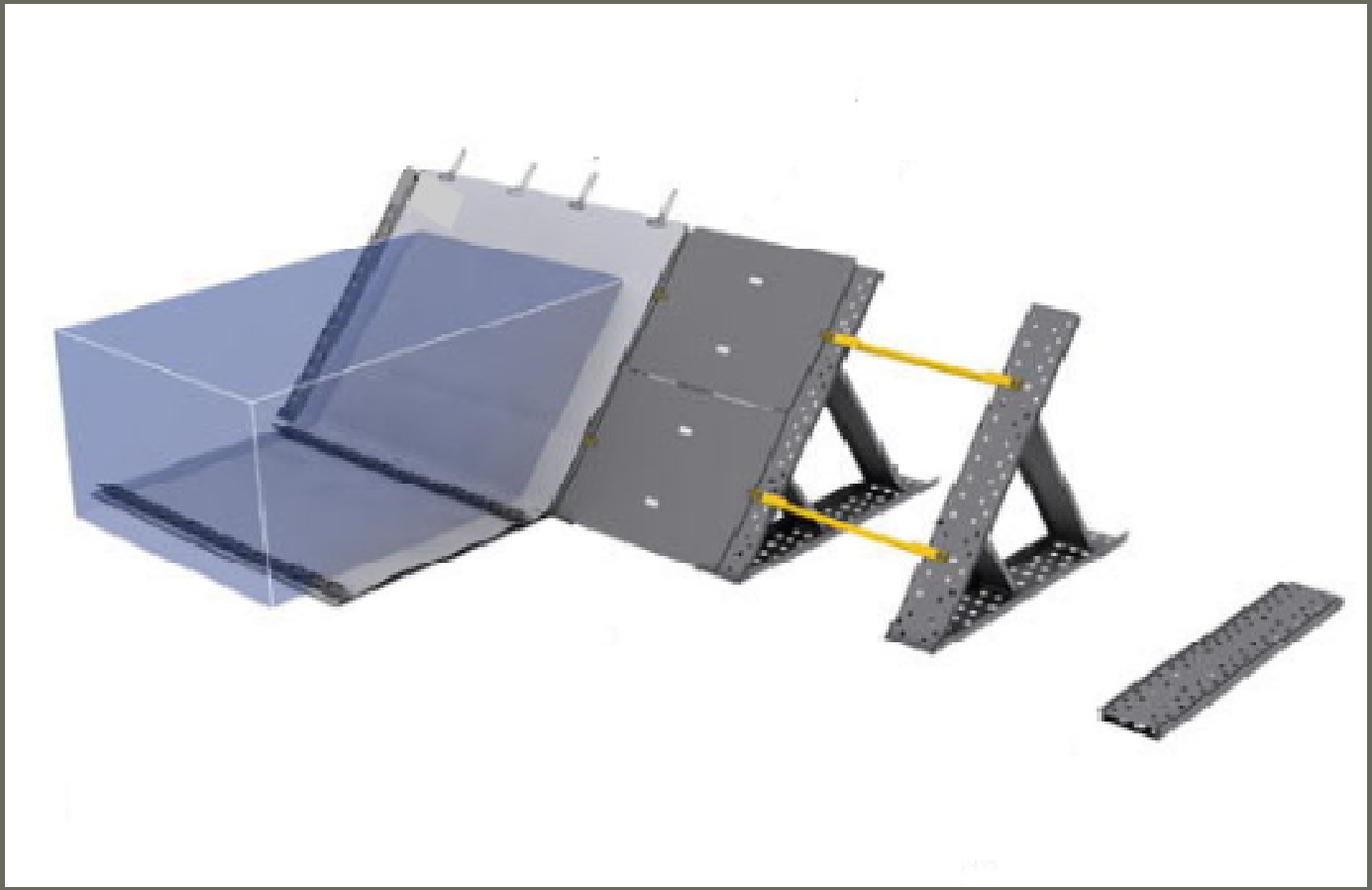
0.45m – 0.65m – 0.85m – 1.25m – 1.50m – 1.80m – 2.40m



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‘Mini’ barrier - 0.45m dam height

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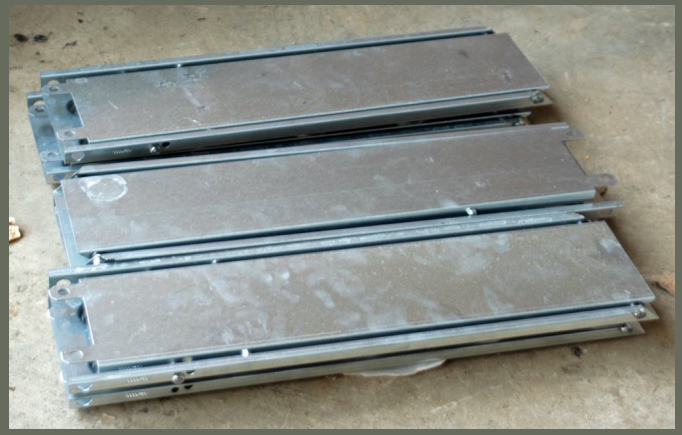

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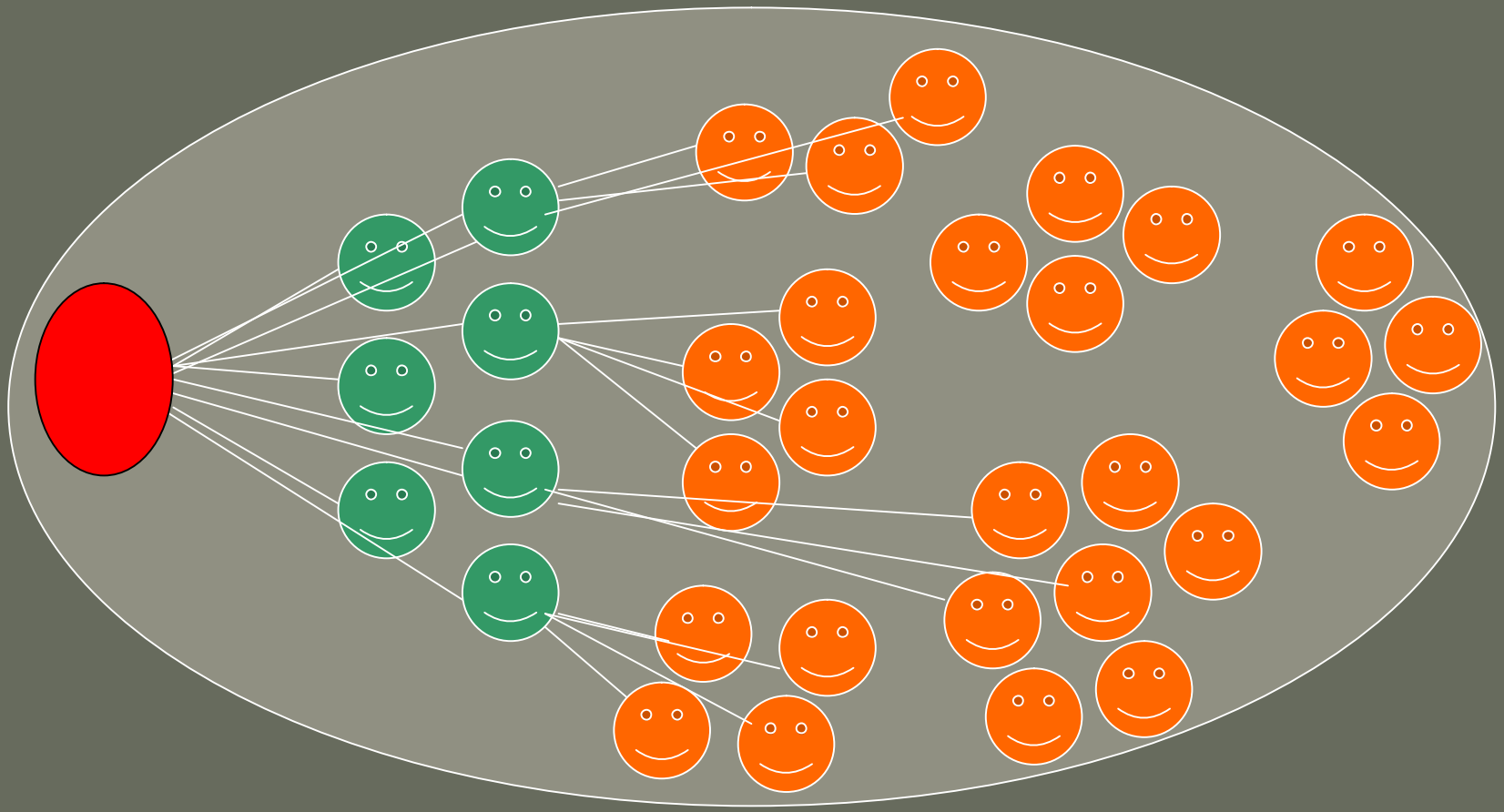
Training



We train key staff – they train others…

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Dunkirk spirit...?

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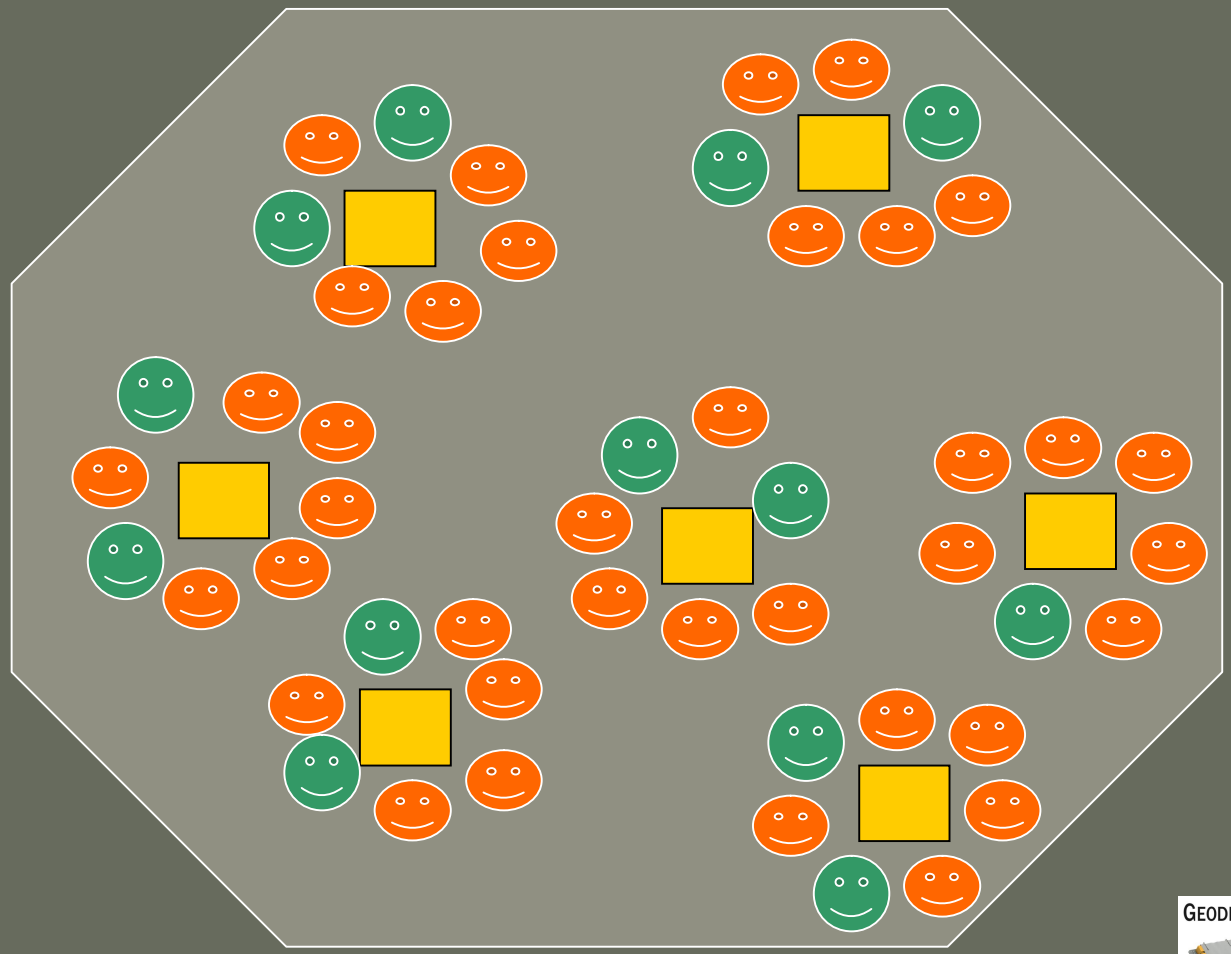
Training - National Flood Brigade

National Barrier depots



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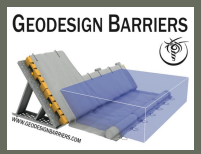
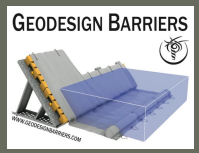


The floods in 2007 cost UK plc £3billion.



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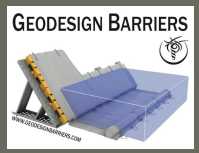

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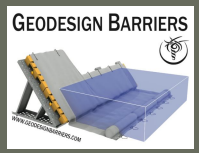
We have the manpower.



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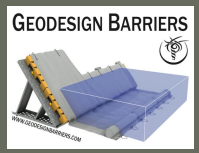
We have the technique.

We have the manpower.

Why don’t we combine the two?



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