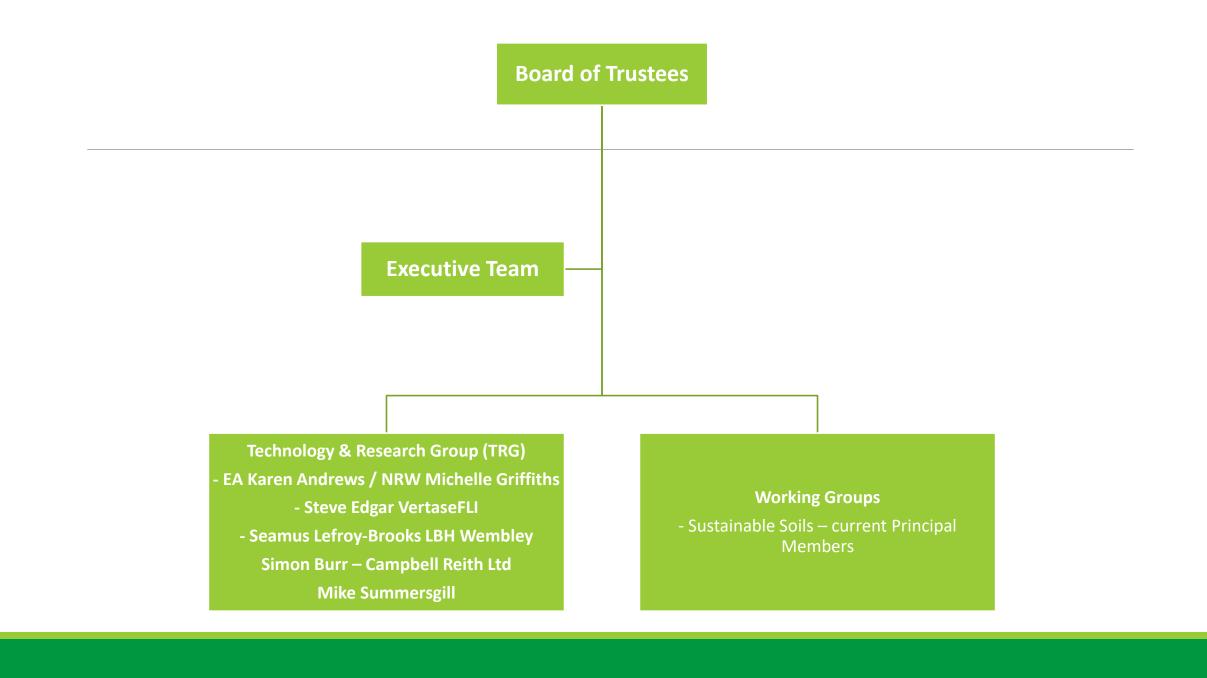
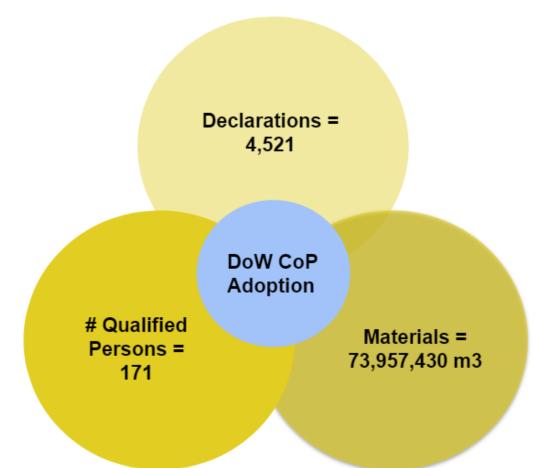
## Definition of Waste Code of Practice: 10 Year Review

NICHOLAS WILLENBROCK

CL:AIRE



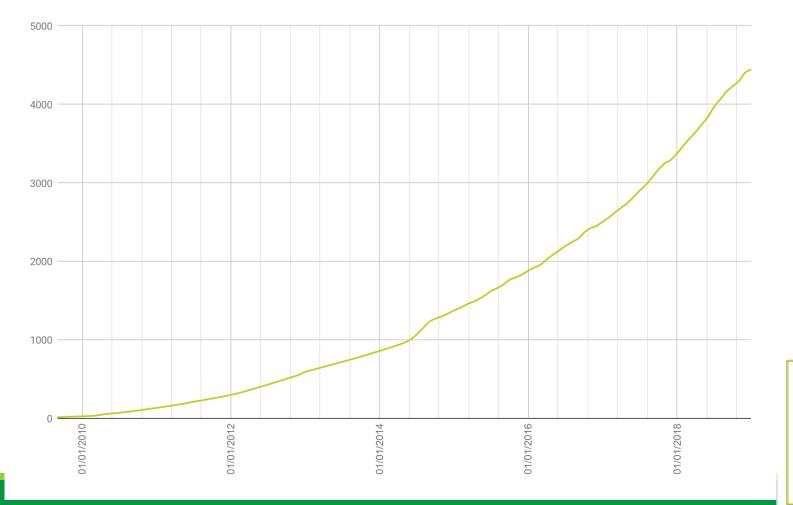




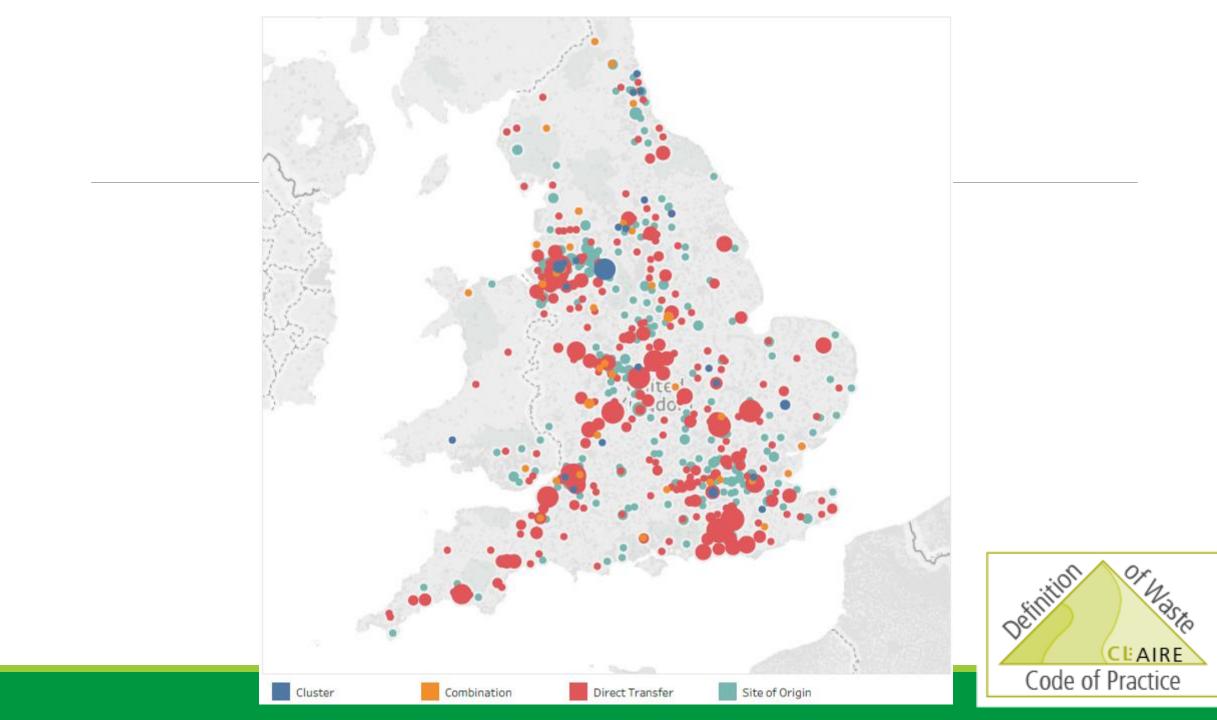
Since launch in Sept 2008 to end 2018:



## **DoW CoP Adoption**









## **CL:AIRE Register of Materials**



#### **Register of Materials: Donor Sites**

Click on any column heading to sort the list.	SUBMIT A DONOR SITE
You will need to be registered and logged in to submit a donor site or to view the listing details and get in touch with the site contact.	
and get in touch with the site contact.	

#Ref	Location	Quantity available	Available from	Available to	Material Type
D127	Faringdon	5000 m3	18/12/2018	18/04/2019	Topsoil
D126	London	25,000m3	01/04/2019	31/10/2019	Clay, no evidence of contamination
D125	OL8 3AT	5000 m3	01/06/2019	31/08/2019	Recycled 6f2
D124	HP14 3XX	100m3	03/10/2018	30/11/2018	Chalk
D123	Lower Ninevah	1000 Tonnes	18/09/2018	20/02/2019	BS 3882 Certified Topsoil
D122	Bollowal	1000 Tonnes	18/09/2018	18/03/2019	BS 3882 Certified Topsoil
D121	Hardham	about 500m3	31/10/2018	11/09/2022	material dredged from infront of weir
D120	Glossop	~ 60,000m3	28/10/2018	09/06/2019	Inert clays and broken rock
D119	Glossop	~ 60,000m3	11/11/2018	16/06/2019	Inert clays and broken rock
D118	Werrington, Peterborough	TBC. > 1,000m3	04/03/2019	26/02/2021	TBC - variety of Class 1 (sandy,gravel) to a class 2 (Sandy Gravelly Clay). Site Investigation data available.
D117	Penrith, Cumbria	Circa. 13,000/m3	10/08/2018	10/08/2019	Excess clean and naturally occurring topsoil from a greenfield development site



# Becoming a Qualified Person Qualified Persons regularly update and maintain their knowledge of waste and contaminated land management. Requirements for becoming a Qualified Person Registration - The Qualified Person should be registered with CL:AIRE and have paid the annual registration fee. As part of the Registration process all applicants are required to pass an online exam. Re-testing is a regular requirement for all Qualified Persons every 2 years to ensure knowledge of the DoW CoP is maintained. Continuing Professional Development (CPD) - Parallel to the test, Qualified Persons will also be required to log their annual CPD relevant to the DoW CoP on the CL:AIRE recording facility again available at the Qualified Person login page. This log must reflect a minimum of 30 hrs spent on the planning, management, regulation or oversight of DoW CoP, remediation or other projects involving materials management. Qualified Persons can either log their CPD directly on the CL:AIRE system, or to avoid duplication, simply upload their logs recorded on alternative platforms. Corporate Authority - The applicant must be authorised to sign on behalf of their company in this area of activity.



#### Definition of Waste: Code of Practice The DoW CoP provides a clear, consistent and efficient process which enables the reuse of OF Waste excavated materials on-site or their movement between sites. Use of the DoW CoP supports the sustainable and cost-effective development of land. It can provide an alternative to Environmental Permits or Waste Exemptions. Code of Practice The DoW CoP enables: · the direct transfer and reuse of clean naturally occurring soil materials between sites the conditions to support the establishment/operation of fixed soil treatment facilities • the reuse of both contaminated/uncontaminated materials on their site of origin and between sites within defined Cluster projects DoW CoP Main Document Environment Agency CLR11 BS10175 - The Investigation of Potentially Framework Contaminated Land & Guidance Guidance Bulletin 3 - DoWCoP Qualified Person Disciplinary and Grievance Procedu Project Team / User - Disciplinary and Grievance Procedure DoW CoP Declaration Fee Payment Materials Management Plan (MMP) Executing Qualified Person Register DoWCoP Declaration DoWCoP Becoming a Qualified Person Verification Report Projects 🍘 Home 🛛 📾 My Courses Turn editing on 🦯 Full screer Your progress ⑦ **A** Navigation iation of Four Sites in Northwest Home All Qualified Persons (QPs) and new applicants are required to take and pass the following assessment. Dashboard aste SE Full Report Site pages Existing OPs have a period of 6 months in which they must take the assessment. New applicants must pass before they will be added to the OP register. Existing Qualified Persons must re-sit this assessment every two years as part of the My courses renewal process Options Appraisal The assessment is a series of multiple choice or true/false questions which will be automatically marked and your mark Monitored Natural Attenuation will be given when you submit your answers at the end. Permeable Reactive Barriers If unsuccessful on the first attempt, QPs or applicants will be locked out of the assessment and will have to wait one week before making a second attempt. A second failure will trigger the need for a discussion with CL:AIRE to identify Air Sparging / Soil Vapour the best course of action for further training. The entire assessment consists of 20 short answer questions with a 30-minute time limit. The pass mark is 80%. Ex Situ Bioremediation Chemical Oxidation This assessment may be taken as an open book test, however, please be aware of the time limit and we strongly recommend that you are sufficiently familiar with the following documents prior to starting Stabilisation / Solidification The questions have been derived from: In Situ Bioremediation Soil Washing DoWCoP V2 Thermal Desorption Cluster Guide FAOs More... CLR11 Courses BS10175:2011+A2:2017 - Investigation of Potentially Contaminated Sites - Code of Practice Definition of Waste: Code of Click on the link below to start the assessment **Oualified Person** 😝 Qualified Person Assessment Assessment Participants

## DoW CoP Audits

- Q7 schematics.
- Document references & file references presentation of materials.
- Brief MMPs = forms vs plans.
- Limited tracking systems.
- Clear specification comparison.
- Contingency arrangements missing contract clauses.
- Brief or non-existent Verification Plans Verification Timings.

## Future work

- Online version – live document with doc control log.

- Improved guidance text this year.
- New scope items e.g. proposed 'version 3' under EA review esp. STFs.
- STF pilot studies codify best-practice.
- On-going auditing and feedback to industry and QPs.
- Example documents volunteers welcome!
- Digital documents MMP, Declarations, Verification Reports.





#### CL:AIRE 20th Anniversary Conference

### Innovation, Efficiency & Standards

14 November 2019 One Great George Street, Westminster, London

The Programme will be split between two lecture theatres and focus on technology innovation in site investigation and remediation, the Definition of Waste Code of Practice, improving efficiency and raising standards within CL:AIRE's sustainable land reuse remit.

200+ delegate places Limited opportunities available for sponsors and exhibitors



