



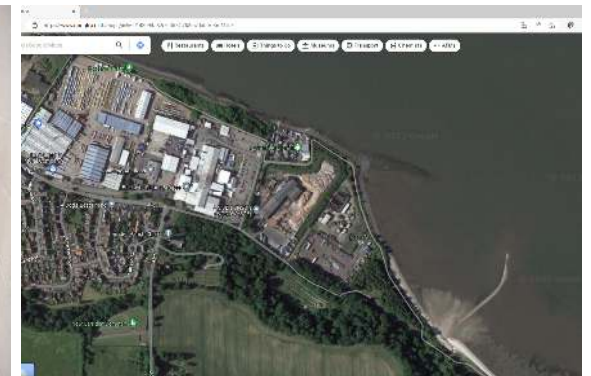
Environmental Technology Verification (ISO 14034)

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What is it?

- ETV is a process providing **independent and credible** information on new environmental technologies, by verifying that performance claims are complete, fair and based on reliable test results
- Analytical data must all be accredited ISO 17025



Scope?

Field of Inspection	Type and Range of Inspection	Method and procedures
EU Environmental Technology (ETV): Verification of performance claims made by technology manufactures	Water Treatment Technologies Waste Water Treatment Technologies Associated Measurement Technologies	Documented in house procedures implementing ISO 14034:2016

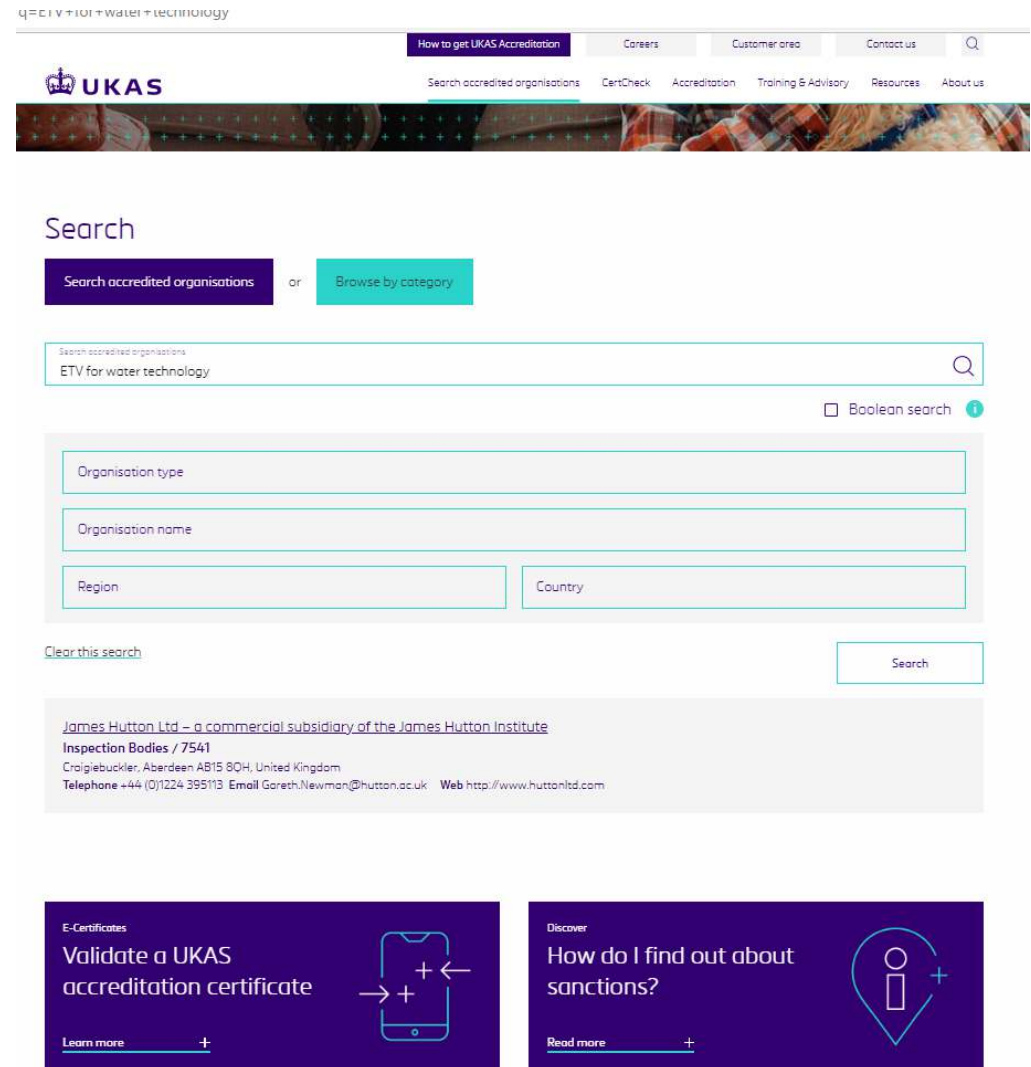


Who does this?



[UKAS.com](https://www.ukas.com)

Search “ETV for Water technology”



The screenshot shows the UKAS website search page. At the top, there is a navigation bar with links for 'How to get UKAS Accreditation', 'Careers', 'Customer area', and 'Contact us'. Below this is the UKAS logo and a search bar containing the text 'ETV for water technology'. The search results section is currently empty, showing only a 'Search' button. Below the search bar, there are several filter fields: 'Organisation type', 'Organisation name', 'Region', and 'Country'. At the bottom of the search results, there is a 'Clear this search' link and a 'Search' button. Below the search results, there is a section for 'James Hutton Ltd - a commercial subsidiary of the James Hutton Institute' with contact information: 'Inspection Bodies / 7541', 'Craigiebuckler, Aberdeen AB15 8QH, United Kingdom', 'Telephone +44 (0)1224 395113', 'Email Gareth.Newman@hutton.ac.uk', and 'Web http://www.huttonltd.com'. At the bottom of the page, there are two promotional banners: 'E-Certificates Validate a UKAS accreditation certificate' and 'Discover How do I find out about sanctions?'.



How does ETV benefit SMEs?

- By assisting with designing the validation and robustly verifying the claim made against new technologies.
- Raising the TRL (4-6)
- Creating a full report on the verification process for the SME
- Creating and publishing a searchable statement on our website that carries the **UKAS inspection** logo

TRL	NASA usage ^[4]	European Union ^[5]
1	Basic principles observed and reported	Basic principles observed
2	Technology concept and/or application formulated	Technology concept formulated
3	Analytical and experimental critical function and/or characteristic proof-of concept	Experimental proof of concept
4	Component and/or breadboard validation in laboratory environment	Technology validated in lab
	Component and/or breadboard validation in relevant environment	Technology validated in relevant environment (industrially relevant environment in the case of key enabling technologies)
	Model or prototype demonstrated in relevant environment	Technology demonstrated in relevant environment (industrially relevant environment in the case of key enabling technologies)
	Demonstration in a space environment	System prototype demonstration in operational environment
	Completed and "flight" test and demonstration (e)	System complete and qualified
	"flight proven" through mission operations	Actual system proven in operational environment (competitive manufacturing in the case of key enabling technologies; or in space)



What is the process?

- Application
- Review
- Verification
- Reporting
- Post verification

