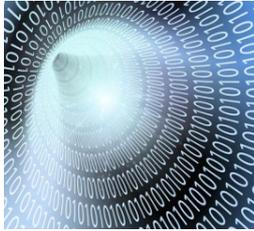# Environmental Science to Services Partnership
Latest News Autumn 2014

The ESSP is a partnership of six UK public sector bodies. Our collective purpose is to develop ways to translate and apply the world-leading environmental science we each generate, to support the delivery and improvement of products and services. By combining our data, information and expertise, we can optimise development and delivery of products and services for society, private enterprise and government. These will support decision-making and stimulate economic growth while ensuring the best possible outcomes for the environment.

Data, Data, Data
There's an ever growing volume of data that could be used by decision makers and advisors. But where to start? By offering a single discovery and access solution to data from across the partnership in standard formats we will start to provide the information infrastructure for any number of end point user facing products and services.

Using user registration details we will provide a curated service offering pre-packed bundles of datasets relevant to a range of user scenarios and needs along with analytics, user recommendations. We are starting with two case studies for Emergency Response and Construction Land Acquisition

Collaborating on Technical Solutions and Licensing Agreements
We've made real progress in a number of challenging aspects of our plans. We identified and demonstrated a viable technical solution to develop our Managed Environmental Data Service using API Management tools and sharing experience and capabilities across the ESSP partners.

Working with experts across the partnership we are developing common licensing agreements initially focussed on the Open Government Licence terms that we will build on as we look to incorporate revenue-generating premium value added data into the Managed Environmental Data Service.

Engagement
The ESSP Partners Board met over the summer to review our work, our progress and our aims. They endorsed our plans and were engaged in the discussion of our challenges and our vision. The demos we had developed were key to that engagement.

We've also been talking with stakeholders within the partner organisations, across Government and beyond, building with an increasing interest and appetite in the service we're developing over the next 3-4 months.

Formats and Standards
Initially starting with graphical map layers (WMS) for use in visualisation tools, we will explore the possibility of providing data coverage services (WCS) allowing the data itself to be interrogated, manipulated and combined. Such services open up a range of exciting opportunities to generate new knowledge from existing data and information.

ESSP is different from...
- data.gov.uk – we will offer a curated and managed service with tailored bundles of data relevant to identified user scenarios
- NHP – we believe NHP would be one of a number of consumers of the ESSP data service allowing them to focus on end point advise and decision making tools
- visualisation tools – developers of visualisation tools will be able to plug into ESSP to access data from across the partnership
- numerous data portals – there will be a single ESSP web portal to plug into exposing data from across the partnership.

We need your help
What are you already doing in this space? Would you use a service like this? Do you know someone who would?

We can help you too
Do you want to know more? Visit our updated website, watch our video or get in touch. We'll be delighted to come and talk to you and your teams!

British Geological Survey — NATURAL ENVIRONMENT RESEARCH COUNCIL

Centre for Ecology & Hydrology — NATURAL ENVIRONMENT RESEARCH COUNCIL

Environment Agency

Met Office

NERC SCIENCE OF THE ENVIRONMENT

Ordnance Survey

Environmental Science to Services Partnership
Latest News Autumn 2014

Key staff across the Partnership

Partner	Core Team	Management Group	Partners Board
British Geological Survey	Helen Taylor, Rachel Dearden	Julian Trick	Mike Patterson
Centre for Ecology & Hydrology	Colin MacKechnie	Nick Wells	Alan Jenkins
Environment Agency	Ali Pennycook	Andy Croxford	Miranda Kavanagh
Met Office	Simon McLellan, Judith Rhodes, Lee Rudd	Sophie Purdey	Phil Evans
Natural Environment Research Council	N/A	Sasha Leigh	Phil Heads
Ordnance Survey	Martin Lea	Carl Wilson	John Kimmance
Defra	N/A	N/A	Stuart Wainwright

Work packages for the two key projects

Work Package	Description	Lead
1	User Requirements	Lee Rudd
2	Data	Martin Lea and Colin MacKechnie
3	Licensing, Ts&Cs, Pricing	Colin MacKechnie
4	Funding	Simon McLellan and Judith Rhodes
5	Stakeholder Management	Simon McLellan and Judith Rhodes
6	Technical	Martin Lea
7	Business Case	Helen Taylor (Construction project) and Ali Pennycook (Resilience project)
8	Project Management	Helen Taylor (Construction project) and Ali Pennycook (Resilience project)

Get in touch Contact Us:
You can contact colleagues in your organisation, or our central email: info@ESSPartnership.org

Find out more:
For more information about ESSP and earlier successes see our external website www.ESSPartnership.org or via the QR code.