

Combined Sources Product

EA Data Advisory Group

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New Product

➔ What?

- ➔ Combined Sources Product (CSP) presenting a single risk that combines almost all sources of flooding for England.

➔ Why?

- ➔ Meet Memorandum of Understanding between Government and the ABI,
- ➔ An important step in our journey to improve how we communicate flood risk information and inspire people to act.



New Product

➔ When? December 2015

➔ Where? Datashare and GOV.UK as Open Data

➔ Who? Insurers, LLFAs, all users of Open Data

➔ How? 2 Phases:

1. Customer engagement and a series of pilots
2. Create version 1

➔ Understanding of insurer preferences based on:

- Core customer engagement workshop
- Initial product questionnaire
- Our experience working with the insurance industry.

Progress

- ➔ Initial customer engagement
- ➔ Insurer preferences
- ➔ 7 pilots under way
- ➔ Draft specification and indicative fields

Customer Engagement



Insurer Preferences

Property level

National coverage

Current assessment

Residual risk

Added value

Update commitment

Any format / size

Only one of the inputs

Includes breaching

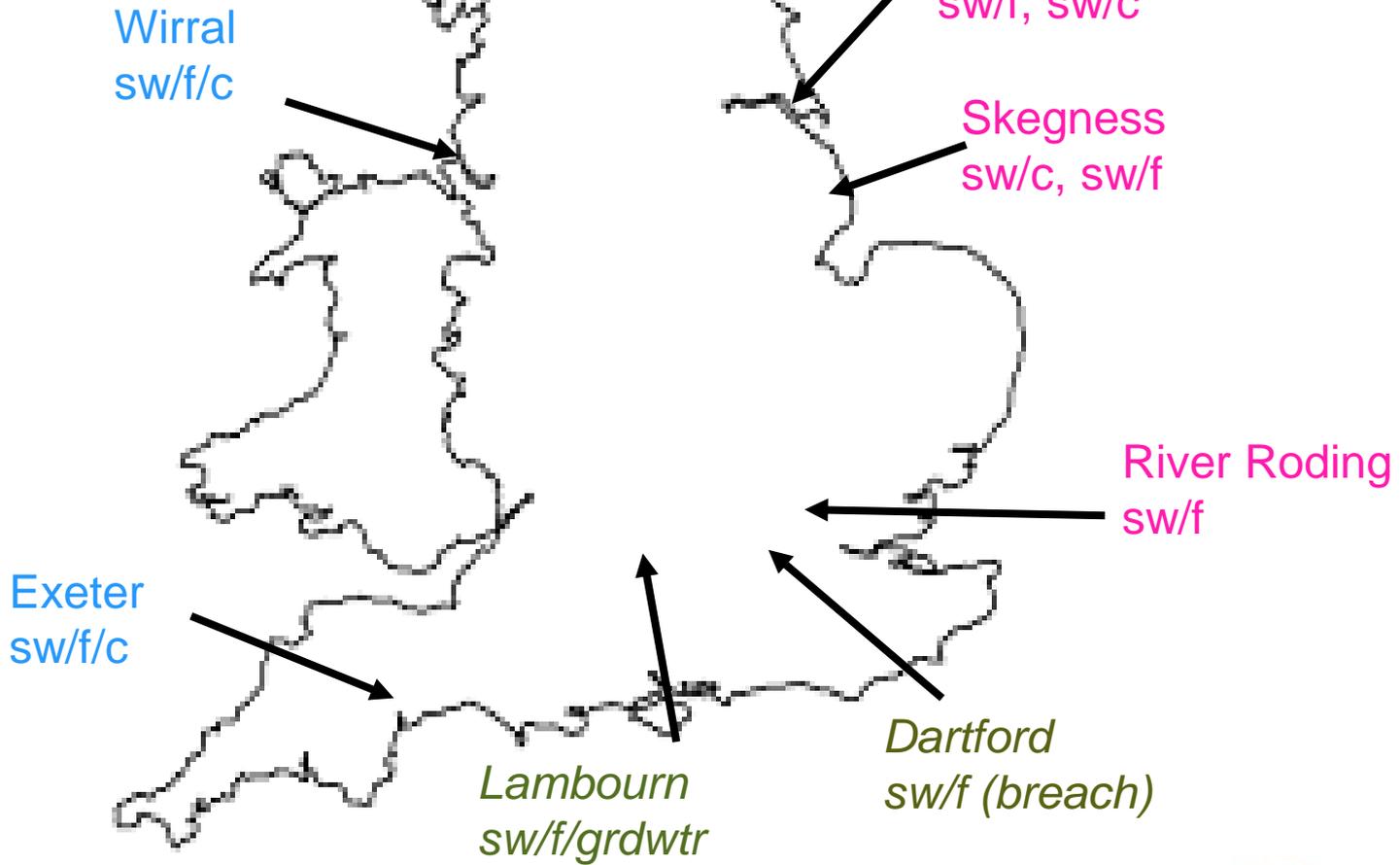
One off integration

Linked to maintenance programme

Numerical confidence

Devolved Administration plans

Pilots



Fields for discussion: Basic

Field	Content	Description
TOID		
Combined Risk	H/M/L/VL	Identifies properties in areas where there is >0mm predicted flooding from any considered source. The likelihood of flooding describes as a category: <ul style="list-style-type: none"> • High - Greater than or equal to 1 in 30 (3.3%) chance in any given year • Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year • Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year • Very Low - Less than 1 in 1,000 (0.1%) chance in any given year
Combined Suitability	1-5 words	Suitability is the scale at which it is suitable to use the likelihood information, described as one of the following: <ul style="list-style-type: none"> • National to County • County to Town • Town to Street • Street to Parcels of land • Property (including internal)
Grndwtr	Y/N	Indication of whether the property is in a groundwater emergence zone as shown on the XXX (Date) groundwater map.
Reservoir	Y/N	Indication of whether the property is within the Reservoir Flood Map Outline (Extent). This extent shows the largest area that might be flooded if a reservoir were to fail and release the water it holds. Since this is a prediction of a credible worst case scenario, it's unlikely that any actual flood would be this large. These data are intended for emergency planning only and are not reliable for large scale flood risk assessments.
Res	1/0	Flag showing property type
NonRes	1/0	Flag showing property type
NonAddr	1/0	Flag showing property type

Fields for discussion: Richer

Field	Content	Description	Future
Fluvial Contribution	%	Percentage of the combined risk of flooding due to fluvial sources.	
Coastal Contribution	%	As above for coastal sources.	
SW Contribution	%	As above for surface water sources.	
1in30 Depth	mm	The depth of water from a flood with a 1 in 30 chance of occurring in any given year.	
1in100 Depth	mm	As above for a flood with a 1 in 100 chance of occurring in any given year.	
1in1000 Depth	mm	As above for a flood with a 1 in 1000 chance of occurring in any given year.	
300mm Likelihood	H/M/L/VL	The likelihood of flooding to a depth of 300mm from any considered source.	
600mm Likelihood	H/M/L/VL	As above for a depth of 600mm.	
900mm Likelihood	H/M/L/VL	As above for a depth of 900mm.	
Last Updated	Date	The date of the last update for this property	
Defence breach	Y/N	Is the property at risk of flooding due to defence breach?	✓
Fluvial Data Source	N/L	Scale of National or Local	✓
Coastal Data Source	N/L	National or Local	✓
SW Data Source	N/L	National or Local	✓

Sources of Flooding

Source of flooding	Included?	How?
Fluvial	Yes	Quantitative
Tidal/Coastal	Yes	Quantitative
Surface Water	Yes	Quantitative
Groundwater	Maybe	Qualitative
Reservoir Breach	Maybe	Qualitative
Sewer	No	N/A

Next Steps

- ➔ Continued customer engagement
- ➔ Analyse pilot results (June/July)
- ➔ Finalise specification (July)
- ➔ Feed into improved flood risk information (Communities at Risk - August)
- ➔ Create and publish (July - December)

Discussion

- ➔ Are you more likely to take the individual source products and analyse them yourselves or take the CSP?
- ➔ Can you see any problems with our plans for the product as they stand?
- ➔ Can you see any opportunities that would make the CSP more appealing/useful to a wider audience?