Natural Flood Management; Interventions of the Future

Jon Hollis
Natural Flood Management Programme Manager
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Interventions of the future

- FCRM Challenges
- Climate change
- Flood and Coastal Risk reduction is at the receptors
- Flood Risk funding
- Community involvement
- Longer term maintenance

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Natural Flood Management Funding

- £15m announced
- Integrate NFM techniques in our 6 year programme
- £13.4m at Catchment Scale
- £1.6m Community lead

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The Aims

- Reduction in Flood and Coastal Erosion risk
- Improve habitats and increase biodiversity
- Contribute to Research & Development; reducing the evidence gap for NFM
- Promote partnership working

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Ministerial Involvement

- Minister Coffey has been involved in the process
- Her aspiration is that interventions are
  - Delivered at pace
  - Not over engineered
  - Community led
- This is about testing interventions and drawing conclusions from the data

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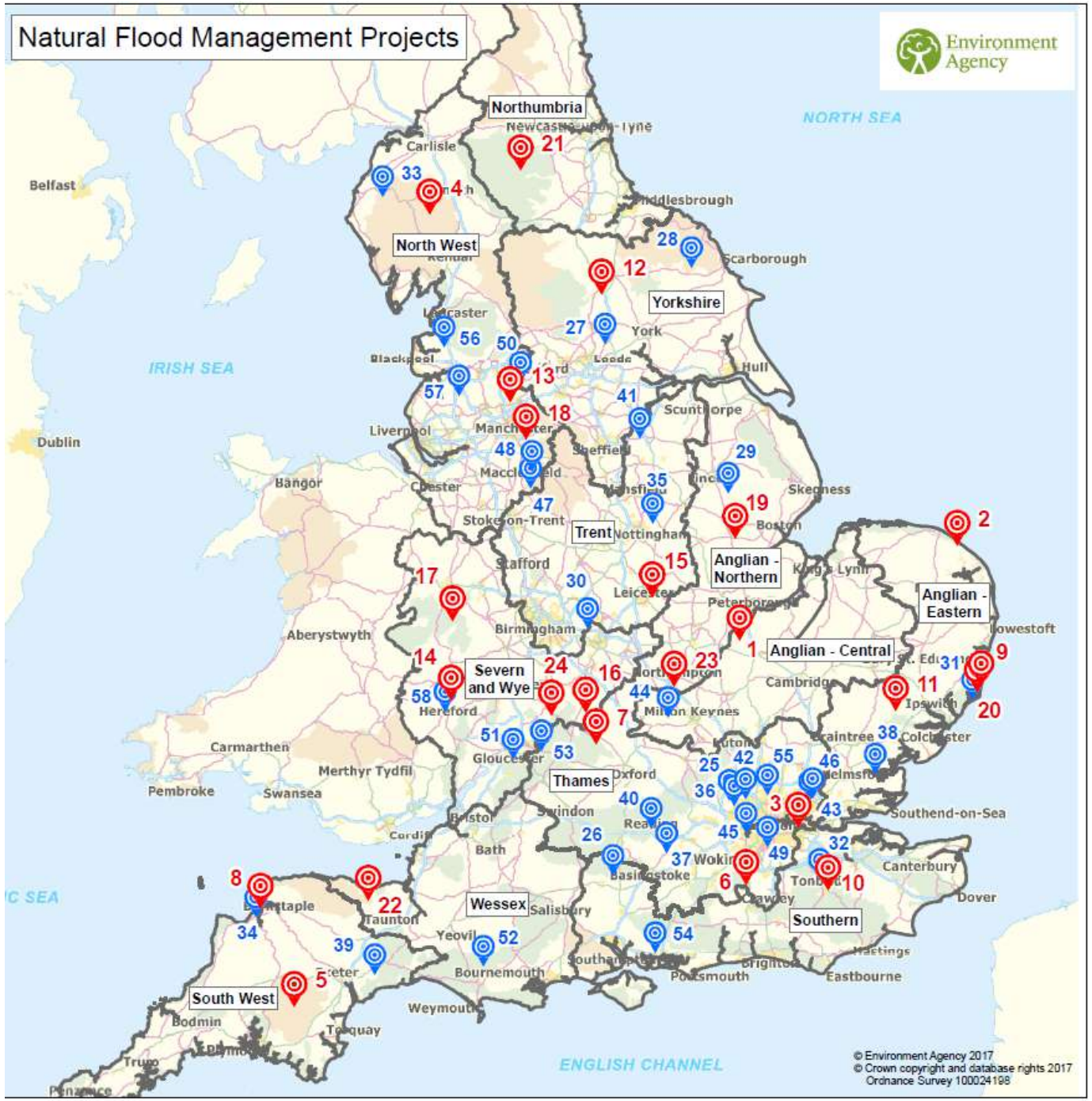
Natural Flood Management Projects



Catchment Scale Programme	
1	Alconbury
2	Bacton Sand Engine
3	Clothworkers Wood
4	Cumbria Floods Partnership Action Plans
5	Dartmoor NFM
6	Dorking FAS (including Pipp Brook)
7	Evenlode
8	Marine Pioneer - North Devon - Taw Torridge
9	Marine Pioneer - Suffolk - Slaughden
10	Medway NFM
11	NFM Interventions across ENS
12	North Yorkshire NFM
13	Radcliffe and Redvales FAS
14	River Lugg and Wye Integrated NFM
15	River Soar Tributaries NFM
16	Shipston
17	Shropshire Slow the Flow - Severn Tribs
18	'Slow the Flow' delivery elsewhere in GMMC
19	Swaton Flood Resilience Scheme
20	Tidal FM and saltmarsh in the Suffolk estuaries
21	Weardale NFM Demonstrator
22	Williton FAS
23	Wooton Brook
24	Worcs Avon/Cotswold Escarpment Tributaries
Community Programme	
25	Bishop's Wood NFM
26	Bourne Rivulet Restoration & Flood Management - qwtr
27	Collingham Beck NFM
28	Derwent Villages NFM Demonstration Project
29	Dunston Flooplain Reconnection
30	Fillongley and River Bourne NFM
31	Haverqate & Orford
32	Hawden Stream
33	High Rogerscale Floodplain Reconnection
34	Kenwith Valley NFM
35	Lowdham NFM
36	Lower River Crane Improvements
37	Management of A33 Surface Water Run-off
38	Northey Island Saltmarsh Regeneration
39	Ottery St. Mary NFM Project
40	Pang Valley NFM Project
41	Papermill Dyke NFM
42	Pymmes Brook Deculverting
43	Rise Park Stream
44	River Leck Catchment NFM
45	River Pinn Park Woods
46	Salmons Brook Natural Flood Management
47	Slowing the Flow - Greater Scope for Delivery - Upper Dane
48	Slowing the Flow - Greater Scope for Delivery Upper Dean
49	SuDS in Sutton's Schools
50	The Midgelden Brook Project
51	Twyver catchment NFM
52	Upper Piddle Headwaters
53	Upper Thames Catchment NFM
54	Wallington Catchment Management Scheme
55	Woodland and river management in two headwater streams
56	Wyre NFM
57	Yarrow Meadows
58	Yazor Brook flood alleviation

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Challenges

- Appraising the interventions
  - We're working on testing the interventions… we don't have confidence yet
  - What is good enough?
- Evaluating the interventions
  - What do we monitor?
  - How often? Where and when?
  - How long do we monitor for?

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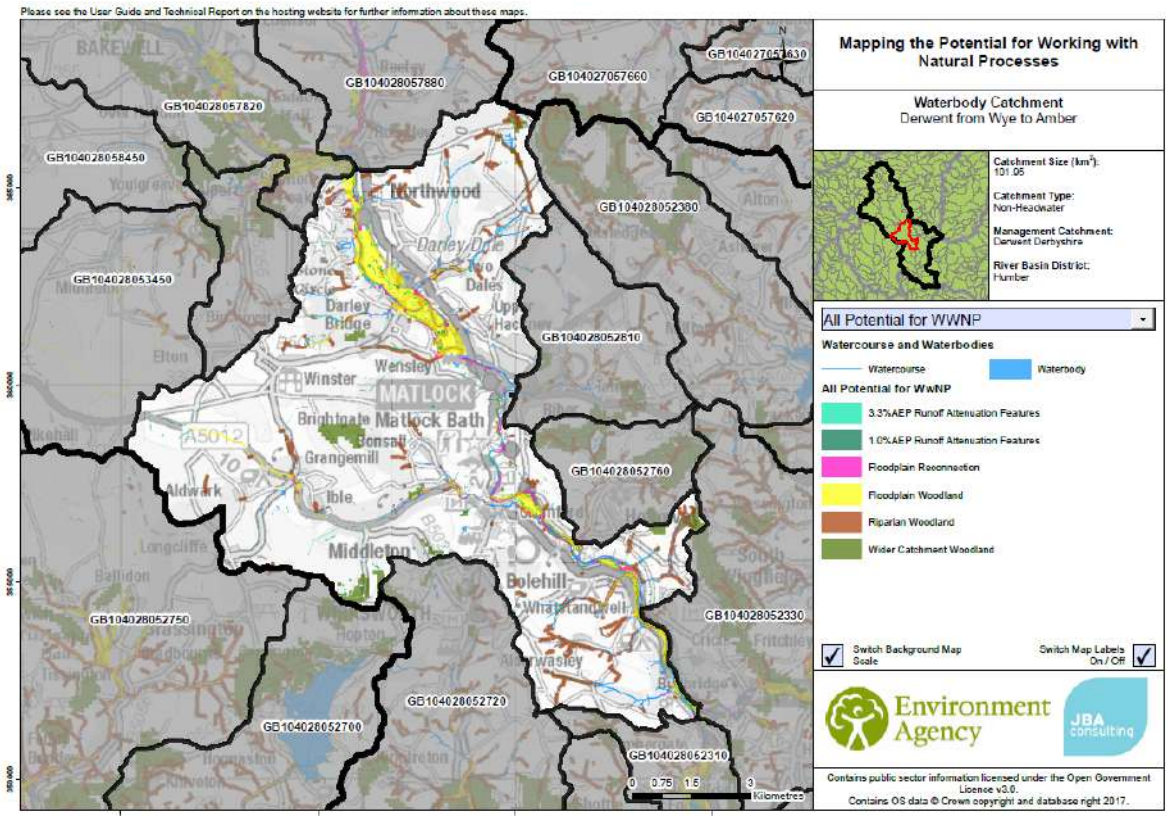
Opportunity



- To be innovative
- To be bold
- To use judgement
- To integrate delivery and outcomes
- To understand how we deliver the interventions

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Thank you

NFM Inbox:
NFM@environment-agency.gov.uk

Jon Hollis:
jon.hollis@envirionment-agency.gov.uk