



Summary of the draft river basin management plans

Jim Ratcliffe, Principal Account Officer
David Turnbull, Senior Account Officer

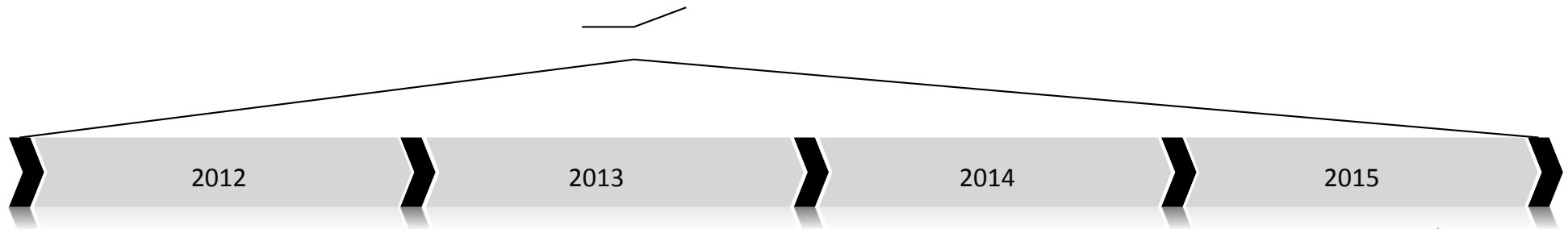
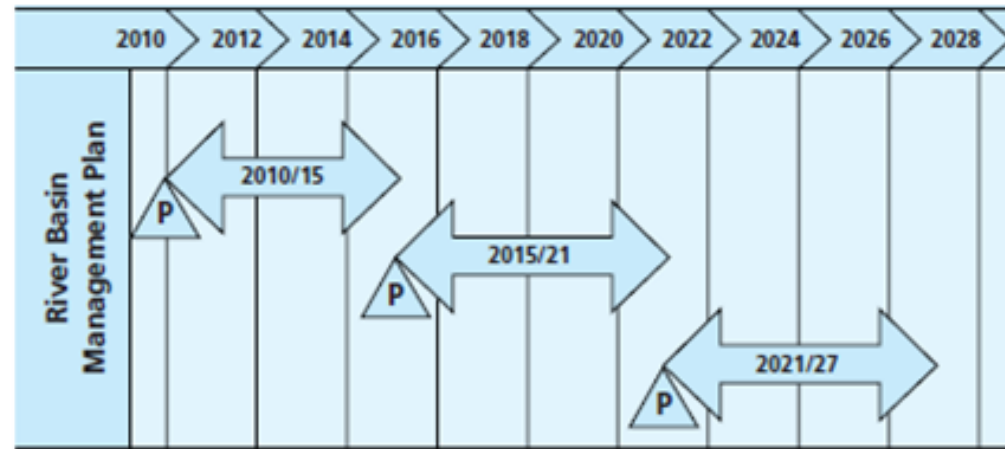
National River Basin Management Services

January 2015

The Solway Tweed, North West and Dee river basin districts



The second river basin planning cycle



**Draft Cycle 2
River Basin Management Plans
6 month RBD consultations**

**Updated
River Basin
Management Plans
(2015-2021)**

**Government decides on
what is affordable**

The Water Framework Directive – a tool to improve the water environment...



Deficit reduction plan 'very challenging', warn MPs



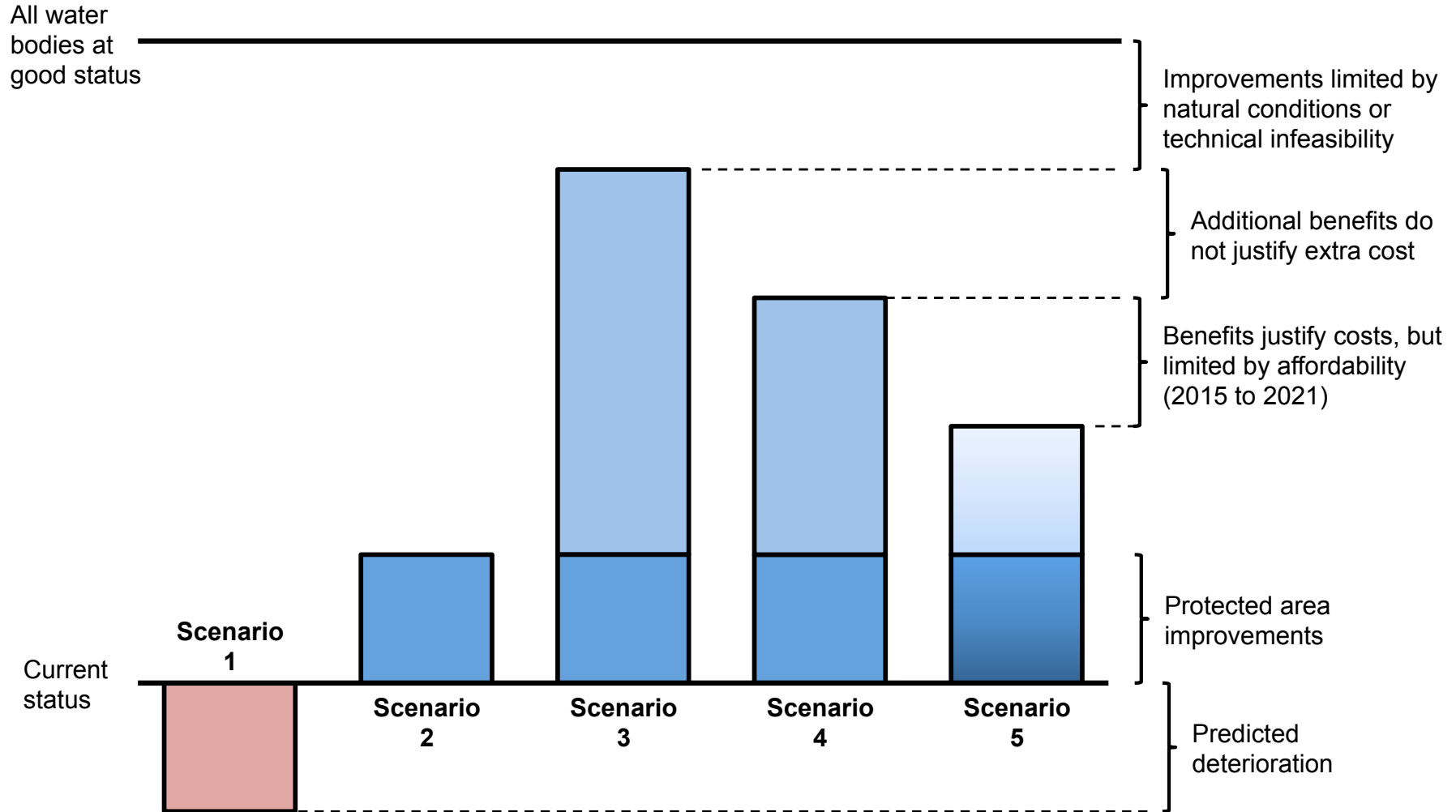
Catchment planning and economic appraisals



Mersey estuary management catchment

Present value benefits (£ million)	Present value costs (£ million)	Benefit cost ratio	Net present value (£ million)
145.5	109.3	1.33	36.2

Scenarios in the economic analysis



Estimated costs and benefits in NW river basin....How do we find the money?

Sector group	Scenario 2 (protected and prevent deterioration)	Scenario 3 (all technically feasible)	Scenario 4 (where benefits exceed costs)
	Total 37 yr cost, £ million	Total 37 yr cost, £ million	Total 37 yr cost, £ million
Government	90	170	120
Industry, services and infrastructure	20	400	240
Rural land management	910	1,080	1,080
Water industry	1,020	3,000	1,650
Total Costs	2,050	4,680	3,110
NPV of Scenario	+2,560	+2290	+2940

Examples of proposed measures relevant to local government

Physical modifications

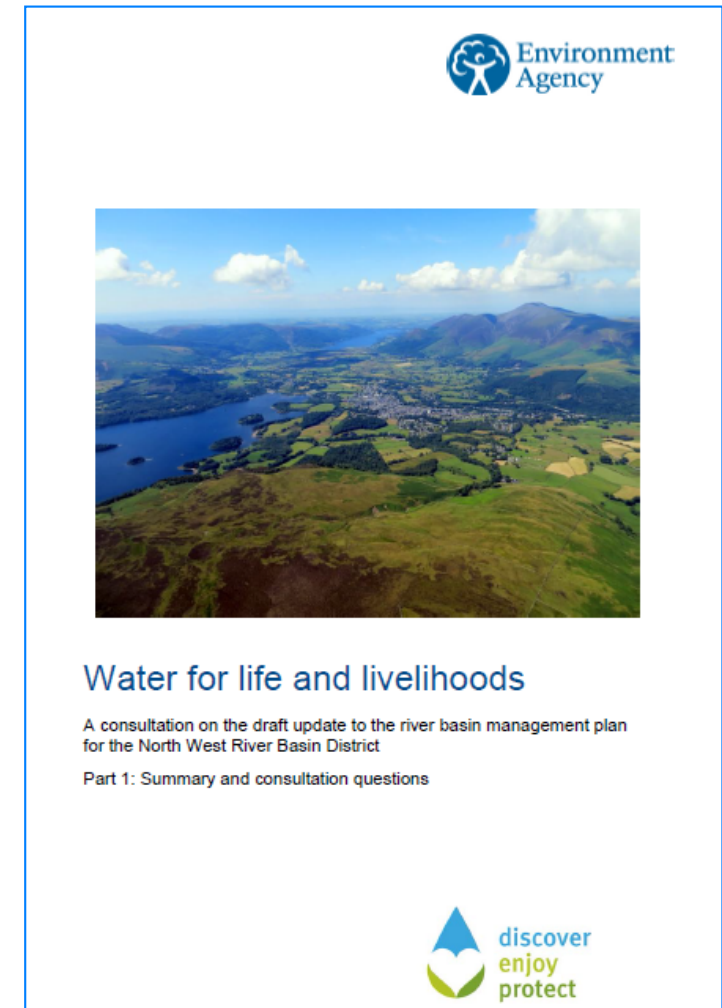
1	Investigation	Review effectiveness of existing approach to planning guidance on development in flood plains and in coastal erosion risk areas.
2	Improve condition of channel bed or banks	Apply good practice within the 'Estuary Edges and Hard Coastal Structures' guidance.

Pollution from town, cities and transport

3	Reduce diffuse pollution at source	Voluntary or regulatory improvement programme for high risk highway drains .
4	Reduce point source pollution at source	Where relevant, apply Defra's urban diffuse pollution strategy, including SUDS and Green Infrastructure.

What documents are available?

- Part 1 – Summary and consultation questions
- Part 2 – RBM Planning overview and additional information.
- Part 3 – Economic Analysis.
- Strategic Environmental Assessment (SEA)
- Maps and data - Catchment Data Explorer
- Catchment Summaries



Catchment summaries

- ***Not part of the statutory consultation***
- Produced at management catchment scale. For each river basin
- Contains : current state of catchments, proposed objectives and local measures.
- Located here : (
http://ea.objective.co.uk/portal/home/wfd/draft_plans/consult?pointId=s1406201320330#section-s1406201320330).



The Ribble Management Catchment



Figure 1 - Bridges over the River Ribble

A summary of information about the water environment in the Ribble Management Catchment

The Catchment Based Approach (CaBA)

Objectives:

- To deliver positive and sustained outcomes for the water environment by promoting a better understanding of the environment at a local level; and
- To encourage local collaboration and more transparent decision-making when both planning and delivering activities to improve the water environment.



Headline points

- ➔ The draft river basin plans are strategic documents that list a summary programme of strategic measures to improve the water environment.
- ➔ A detailed economic appraisal supports the consultation. It's not perfect but it's based HM Treasury principles.
- ➔ Over £4.6 billion (+/- 30%) needed to achieve everything needed in the NW river basin (37 year forecast)
- ➔ It is unlikely this level of funding will be available in the short term.
- ➔ Currently the only WFD investment that is certain is that approved by Ofwat for water company improvements
- ➔ The Catchment Based Approach is a key mechanism for collaborative working

Consultation questions

- **1.** Do you agree with the proposed changes to the river basin district and catchment, water body boundaries and artificial and heavily modified water body designations ?
- **2.** Do you agree with the proposed objectives for water bodies and protected areas?
- **3** Where flexibility exists, should the priority be maximising the number of water bodies at good status or improving the worst water bodies?
- **4** Do you agree the correct measures have been identified?
- **5** Do you agree with the way the economic appraisal process has been done?
- **6.** What measures can you deliver to help achieve the long term objectives?

Questions?