Sustainable Commercial Model for Networks (SCM) LCNI 2014 Conference

and Southerr

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Reliability & Availability



Reliability & Availability



Sustainable Commercial Model Project Timetable



Monetisation (Sept 2014)

Methodology Development (May 2013)

• Define Scope (Sept 2012)



Dissemination

(Apr 2015)

Network Model (Mar 2015)

Traditional Commercial Model



Sustainable Commercial Model for Networks "SCM"



Sustainable Commercial Model for Networks





Project Total Impact Cost Benefit Analysis (CBA) (Example)

		Stakeholder Engagement			
	Total Project Cost	Total Impact	Economic Impact	Social Impact	Environmental Impact
	£m	£m	£m	£m	£m
Planning	20	10	10	0	0
Civil Works	50	50	20	10	20
Over Head Line	300	250	350	(50)	(50)
Substations	70	30	80	(20)	(30)
Mitigation	80	400	100	150	150
Reinstatement	30	110	50	40	20
Total	550	850	610	130	110

Value = £300m of additional Benefit to Society

But could this be more from a reduction in negative impacts ?



Project Total Impact Management Measurement (TIMM)







Option 2

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Sustainable Commercial Model: Beauly Denny Example



Sustainable Commercial Model: Greenhouse gases - How did we do it?



So what are the benefits of doing all this?

Benefits to Network Operators

- Communicate impacts and value to key stakeholders (regulator and wider public).
- Provide a holistic approach to internal project planning.
- Work through the planning system with greater efficiency for strategic infrastructure projects.
- Contribute faster to a lower carbon energy network.

"Overall build infrastructure that is economically efficient while making sure negative impacts are minimised and positive impacts maximised for both the environment and society".

