Key Task	Project or Topic	Comments and Notes	Budget Type	> Oct 2011	2012	2013	< Mar 2014	
Horizontal Policy Approach	Power required for functions Report		4E Cash		35,000			
	Mapping functions into modes for common products		4E Cash		25,000			
	Generic specifications for energy management*	Energy Star and/or SEAD may be interested in funding or sharing costs	4E Cash			30,000		
	Power factor requirements in Low Power Modes	Seek Support from Korea	In-kind		20,000			
	Defining central repository system		4E Cash			30,000		
Network Standby	Policy Framework for low energy networks		Self-funded		SF	SF		
	Network Standby Policy Overview current research outcomes and options for the future	Committed Support from Australia	In-kind		18,000			
	Co-branding with IEA project	Cooperation with IEA Network Standby Project	Self-funded	SF				
	IEA policy Pathway steering committee	Cooperation with IEA Network Standby Project	Self-funded		SF			
	Liaison with SEAD Network Collaboration							
Data Collection & Dissemination	Data Collection		Self-funded	SF	SF	SF		
	Network standby data collection methodology software development	IT Energy Denmark with Bob Harrisson UK - Study to trial simulate network connectionfor products in stores	4E Cash		10,000			
	NS Data Collection Methodology workshops and development	Cooperation with IEA Network Standby Project	Self-funded		SF			
	Network Standby data collection		Self-funded		SF	SF		
	Provision of web based data		Self-funded		10,000	SF		
	Metering Equipment for measurement of low power modes	Seek Support from UK	In-kind		15,000			
Communcation	Communication Strategy	Committed Support from Australia	In-kind	7,000				
	Annex newsletter 3 per year	Committed Support from Australia	In-kind	2,500	5,000	5,000	2,500	
	Journey toward 1 watt booklet	Committed Support from Australia	In-kind		40,000			
	Policy Briefings		4E Cash		6,000	6,000	3,000	
	Website Enhancements		4E Cash		5,000	2,500		
	Regional Workshop in North America to discuss common policy framework options	Seek Support from SEAD/US	In-kind			20,000		
	Funds for implementation of Communication Strategy		4E Cash		3,000	2,000	2,000	
Operating and Administration Cost	Website Hosting	Sprang Media	4E Cash		1,300	1,300	1,300	
	Operating Agent	Committed Support from Australia	In-kind	4,000	25,000	25,000	4,000	
								Total
		Total 4E Cash		0	95,300	71,800	3,300	**170,400**
		Secured In-kind		13,500	88,000	0	0	**101,500**
		Unsecured In-kind		0	35,000	50,000	6,500	**91,500**
		Total budget (minimum cost)		**13,500**	**218,300**	**121,800**	**9,800**	**363,400**

Annex 1 Approved work plan with project descriptions

Key Task	Projects Under Consideration	Description	Timing	Budget Estimate	Estimated in-kind Value
Horizontal Policy Approach					
1	Power required for functions Report	Liaison with "function providers" (suppliers of technology, hardware (chips) and software) in order to document best practice approaches to minimise energy for a range of common secondary functions found in products, especially network functions. Understanding the primary power requirements for various functions will enable best practice levels to be set on a fair basis.	2012	€ 35,000.00	
2	Mapping functions into modes for common products	Document the most common product designs currently on the market and identify typical configurations and groupings with respect to functions by mode. It provides a sound basis for constructing a comprehensive set of requirements as part of a horizontal approach to standby	2012	€ 25,000.00	
3	Generic specifications for energy management	Consultant study for use in standby policies Energy Star and/or SEAD may be interested in funding or sharing costs	2013	€ 30,000.00	
4	Power factor requirements in Low Power Modes	Examine whether limits on power factor are warranted as part of a horizontal standby and/or as part of the policy framework for low energy networks. Very poor power factor may have negative consequences in other parts of the electricity supply system. This project will help to assess whether power factor requirements should be included as part of a general set of requirements for horizontal standby and/or as part of the policy framework for low energy networks. If there is no investigation, it may be that increasing losses in other parts of the electricity supply system may undermine savings from low standby policy measures	2012	in-kind Sweden	€ 20,000.00
5	Defining central repository system	Recommendation from Horizontal policy approach report, as being next step to aiding implementation of a horizontal approach in a harmonised way. The repository will hold information with several tiers of hard limits and values, allowing countries referencing it to choose a level which is appropriate for their situation. This project will only be undertaken if the other work conducted in the Horizontal policy area indicates it is a viable proposition.	2013	€ 30,000.00	

Network Standby					
1	Policy Framework for low energy networks	The ultimate goal is to have an integrated policy framework to deal with network products. The framework would have several key elements: Guiding principles for good network design; Incorporating power management; Capping power for network functions Self- funded in house resources. Members of the Annex would collaborate to draft a suitable framework.	2013	Self-funded	
2	Network Standby Policy Overview current research outcomes and options for the future	Report focussing on network standby policy developments. The report will provide a review of the contribution to policy development made by recent research into network standby and report on a variety of expert opinions on how to minimise consumption from network connected appliances and provide a discussion on policy options.	2012	in-kind Aust	€ 18,000.00
3	Co-branding with IEA project		2011-13	n/a	self-funded + IEA
4	IEA policy Pathway steering committee	Self-funded participation on the IEA steering committee	2011-13	n/a	self-funded + IEA
5	Formal SEAD Liaison	Formalise the relationship with SEAD to give clarity that cooperation rather than duplication is occurring	2011-2014	n/a	
	SEAD				
	· Global Network Estimates – Comparing Biois & Buenas				
	· Project investigating practical limits in network modes				
	· Standardising definitions for network standby				
	· Best Practice Examples of Low Energy Products Designs				
	· Developing appropriate technical standards / protocols/ testing elements (IEC, IETF and follow up from BIOIS standards review)				
	IEA				
	· Data Collection Methodology (Feb 2013)				
	· Policy Pathway (Feb 2013)				

	· Network Standby Conference (April 2013)				
	EC				
	· Development of Network Standby Policy Amendment to Standby regulation				
Data Collection and Dissemination					
1	Data Collection	Continued collection and sharing of data for standalone products	2011-2014	Self funded	
2	Network standby data collection methodology software development	IT Energy Denmark with Bob Harrison UK - Study to trial simulate network connection for products in stores	2012	€ 10,000.00	
3	Development of NS Data Collection Methodology workshops and development	Working with the IEA to develop a measurement methodology	2011-13	n/a	self-funded + IEA
4	Network Standby data collection	When a methodology is developed commit to self funded data collections to be shared among the membership	2013	Self funded	
5	Provision of web based data	provide storage and download for data files from individual projects/economies	2011-2014	€ 10,000.00	
6	Metering Equipment for measurement of low power modes	Undertake a review of and make recommendations for equipment that is suitable for undertaking field measurements of low power modes in a wide range of products.	2011	in kind UK	€ 15,000.00
Communications					
1	Communication Strategy	The task requires the development of the main objectives of the strategy, key target audiences, types of communication tools to be used and cost estimations for implementing the strategy. The strategy will be documented in a report and presented to the Standby Annex for approval.	2011	in-kind Aust	€ 7,000.00
2	Annex newsletter 3 per year	Load down newsletter	2011-2014	in-kind Aust	5000/year
3	Journey toward 1 watt booklet	Analysis of policy development for low power modes in standalone products, with commentary from a variety of international experts.	2012	in-kind Aust	€ 40,000.00

4	Policy Briefings	8 -10 (Network Standby, Horizontal policy approach, Evaluation Methodology, Basket of Products project)	2012-2014	€ 15,000.00	
5	Website Enhancements	Improve accessibility/ readability/ regular news feeds, improve search engine recognition etc.	ongoing	€ 7,500.00	
7	Regional Workshop in North America to discuss common policy framework options	Possibilities to align with other Nth American events and collaboration with SEAD, IEA policy pathways workshop.	2012 or 2013		€ 20,000.00
8	Funds for any additional implementation of Communication Strategy		2012-2014	€ 7,000.00	
Operating Agent and Administration Costs					
	Operating Agent			in-kind Aust	€ 25,000/year
	Website hosting costs	*Sprang Media*		€ 4,500.00	

Annex 2 Quarterly work plan

Key Task	Project or Topic	Oct-Dec 11	Jan-Mar 12	Apr-Jun 12	Jul-Sep 12	Oct-Dec 12	Jan-Mar 13	Apr-Jun 13	Jul-Sep 13	Oct-Dec 13	Jan-Feb 14
Horizontal Policy Approach	Power required for functions Report										
	Mapping functions into modes for common products										
	Generic specifications for energy management*										
	Power factor requirements in Low Power Modes										
	Defining central repository system										
Network Standby	Policy Framework for low energy networks										
	Network Standby Policy Overview										
	Co-branding with IEA project										
	IEA policy Pathway steering committee										
	Liasion with SEAD										
Data Collection	Data Collection										
	Network standby data collection software development										
	NS Data Collection Methodology workshops and development										
	Network Standby data collection										
	Provision of web based data										
	Metering Equipment for measurement of low power modes										
Communcation	Communication Strategy										
	Annex newsletter 3 per year	Oct	Feb	Dec	**Jul**	Oct	Feb		July	Oct	Feb
	Journey toward 1 watt booklet										
	Policy Briefings										
	Website Enhancements										
	Regional Workshop in North America										
	Funds for implementation of Communication Strategy										