Next steps to zero carbon homes – Allowable Solutions

Consultation - Response Form

How to respond:

Please respond by email to: Building.Regulations@communities.gsi.gov.uk.

The closing date for responses is 5pm on 15/10/13.

About you:

About your	
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(i)	Are the views expressed on this consultation an official response from the organisation you represent or your own personal views?		
	Organisational response Personal views		
(ii)	•	nis consultation in connection with your y group? If yes please state name of	
	Yes No		
	Name of group:		

(iii) Please tick the one box which best describes you or your organisation:

Builders / Developers:	Property Management:	
Builder – Main contractor	Housing association (registered social landlord)	
Builder – Small builder (extensions/repairs/maintenance, etc)	Residential landlord, private sector	
Installer / specialist sub-contractor	Commercial	
Commercial developer	Public sector	
House builder	Building Control Bodies:	
Building Occupier:	Local authority – building control	
Homeowner	Approved Inspector	
Tenant (residential)	Specific Interest:	
Commercial building	Competent Person Scheme operator	
Designers / Engineers / Surveyors:	National representative or trade body	
Architect	Professional body or institution	
Civil / Structural Engineer	Research / academic organisation	
Building Services Engineer	Energy Sector	
Surveyor	Fire and Rescue Authority	
Manufacturer / Supply Chain	Other (please specify)	\boxtimes
	London local government representa body	tive

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(iv) Please tick the one box which best describes the size of your or your

DCLG will process any personal information that you provide us with in accordance with the data protection principles in the Data Protection Act 1998. In particular, we shall protect all responses containing personal information by means of all appropriate technical security measures and ensure that they are only accessible to those with an operational need to see them. You should, however, be aware that as a public body, the Department is subject to the requirements of the Freedom of Information Act 2000, and may receive requests for all responses to this consultation. If such requests are received we shall take all steps to anonymise responses that we disclose, by stripping them of the specifically personal data - name and e-mail address - you supply in responding to this consultation. If, however, you consider that any of the responses that you provide to this survey would be likely to identify you irrespective of the removal of your overt personal data, then we should be grateful if you would indicate that, and the likely reasons, in your response, for example in the comments box.

Questions:

Question 1

Comments:

<u>Please note:</u> We very much welcome your views to help inform our decision on the way forward on standards. However, you are not obliged to answer every question. You can focus only on the sections that are most relevant to you.

Do you agree that the government should base its consideration for

Chapter 1: Fabric energy efficiency and carbon compliance

	energy performance standards for 2016 on the fabric energy efficiency and carbon compliance standard recommended by the Zero Carbon Hub and endorsed by the government in May 2011?	
Yes		
No 🗵		
Please give r	easons for your answer:	
Developments across London and elsewhere are already meeting higher standards. As of 1 October 2013, in London, this will be a 40% improvement upon 2010 Building Regulations for domestic and non-domestic properties. While we support the proposed introduction of minimum on-site fabric energy efficiency and carbon compliance standards through a further uplift in Part L of the Building Regulations in line with those recommended by the Zero Carbon Hub, local planning authorities should retain the ability to require higher levels of on-site performance through local planning policies according to local priorities. There may also be a strong justification for going beyond minimum on-site carbon compliance standards for particular developments – for example where opportunities for decentralised energy have been demonstrated, or where a zero-or low-carbon heat network is planned.		
Question 2		
Question 2	Do you have evidence, including data on costs, which you can make available to DCLG and could be used in reviewing the	
	assumptions underpinning the Fabric Energy Efficiency and Carbon Compliance standards?	

For London, the Greater London Authority (GLA) has evidence as to what is deliverable beyond these levels, based on energy policies delivered under the London Plan.

http://www.london.gov.uk/sites/default/files/monitoring_impact_london_plan_ener gy_policies.pdf

Chapter 2: Design principles for Allowable Solutions

Are there other design principles which you think that the government should consider? Please provide an explanation for any other design principles suggested

Comments:			
Yes.			
Investment in carbon reduction measures/ projects funded through Allowable Solutions should be directed towards the locality of the proposed development wherever possible – in line with locally determined priorities and deliver demonstrable benefits for local communities accommodating housing growth. This would ensure the proposals are in line with the Localism Act. Time-limited installation of offset measures would ensure that there isn't a significant delay between the carbon emissions being generated and being offset.			
a	Do you agree that house builders should have a variety of routes, as set out in paragraph 2.7 of the consultation document, to meet heir zero carbon homes obligations?		
Yes			
No 🗵			
Comments:			
Agree that house builders should have a variety of routes, but disagree with some of the design principles underpinning paragraph 2.7 (as set out under Question 3 above) and some of the specific routes (as set out below).			
ie	Do you agree or disagree with any of the routes ((i) to (iv)) dentified in paragraph 2.7 of the consultation document and do you have other routes to suggest.		
Agree with all			
Disagree with:			
route (i)	route (ii) ⊠ route (iii) ⊠ route (iv) □		
Suggested oth	ner route(s) and reasons:		
• `	ii) has the potential to be complicated if additional measures are the specifications of buildings that already have planning		

permission. Trying to identify additionality will be difficult in practice to manage and will make the planning process more bureaucratic and will require further time and money to be spent.

Option (iii) could be acceptable if, as outlined under the additional principles above, the measures are delivered within the local area. Housebuilders should be obliged to use the local authority carbon abatement service where one has been established before contracting with a private third-party Allowable Solutions provider. Local authorities are in the best position to deliver carbon reduction schemes that contribute towards the delivery of local priorities, and they already have a strategic role in promoting local low carbon energy schemes and supporting/promoting retrofit projects.

No consideration is given to who the private sector providers would be. We would like clarification on this.

Option (iv) should be a last resort and only then if a localised, or at least regionalised, fund is created. Unless this happens London will pay, but not benefit. Any funds held on a London-wide basis should be ring-fenced to the borough in which the developments were located.

Question 7	(For house builders) How likely are you to use any of the routes identified in paragraph 2.7 of the consultation document?
	Please complete the table below

Route	Very likely	Occasionally	Unlikely	
(i) Doing more onsite				
(ii) Delivering off-site through own actions				
(iii) Contracting with a third party				
(iv) Payment into a fund				
Please add any comments about your reasons.				

Question 8	Do you think the current market could scale up to meet additional demand for carbon abatement?
Yes 🗌	
No 🗆	
Comments: No comment	

Chapter 3: Other delivery options considered

Question 9	Do you agree that the government should set out a national policy framework for Allowable Solutions and not leave it to local authorities to decide locally?		
Yes			
No 🗵			
Please give	reasons for your answer.		
The government can set a national framework that still allows for the policy to be applied in a way that has due regard to the specific local circumstances (e.g. land values, build costs and sale values).			
As they currently stand, the proposals contravene the Localism Act principles, which are focused upon more closely aligning local priorities with the standards of new developments. They also remove the link between the local area and the benefits that accrue to it as a result of the new development coming forward.			
Local authorities are bound by viability constraints, and so any cost that is set would fit within the local financial constraints and would not act as a brake upon development.			
Communities in the local authority area are more likely to view developments favourably if they can see the full range of impacts is being mitigated within their local authority area and the benefits accrue to their area. If communities see that Allowable Solutions payments are leaving the borough, they may be less willing to accept any real or perceived negative impacts arising from the proposals. This will impact upon development viability and may act as a constraint upon developments.			
Question 1	Do you agree that a mandated local approach to the delivery		
QUESTION I	Allowable Solutions has no role in this national policy for the reasons set out in paragraphs 3.13 to 3.18 of the consultation document?		
Yes 🗵			

No	
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Please give reasons for your answer.

Partially agree. While we agree that local authorities should not be compelled to introduce a scheme according to a 'mandated local approach', there should be an option for Allowable Solutions to be funded and supplied at the local level where a local authority wishes this. For example, as noted above, housebuilders should be required to use the local authority carbon abatement service where one has been established before contracting with a private third-party Allowable Solutions provider.

Chapter 4: Allowable Solutions measures and verification

Question 11	Should Allowable Solutions be concentrated on particular types of measure?
Yes	
No 🗆	
Please give reasons for your answer No comment.	
Question 12	Do you think that Allowable Solutions should be confined to only to measures in the non traded sector of the economy?
Yes 🗌	
No 🗆	
Please give re	asons for your answer
No comment.	
Question 13	Should measures in the traded sector be supported by Allowable Solutions, provided that they meet the appropriate criteria?
Yes	
No 🗆	
Please give re	asons for your answer
Question 14	Do you think that Allowable Solutions should be confined to measures in the built environment?
Yes 🗌	
No 🗆	
Please give reasons for your answer	
No comment.	

Question 15	Do you think that measures should just be confined to residential buildings or should also cover non domestic buildings?
Residential buildings only	
Residential and non domestic buildings	
Please give rea	asons for your answer
To allow for measures such as decentralised energy to be included which, given their size, are likely to include non-domestic properties. Also, local community buildings, such as schools, church halls and libraries, could be targeted early on to act as beacons for the community to raise awareness and education about energy savings.	
Given the longer term proposal for zero carbon non-residential properties from 2019, developing the scheme so as to allow for the integration of non-residential Allowable Solutions into the scheme will offer more certainty for developers.	
Question 16	Do you think that there should be any spatial limitations on
Question 10	Allowable Solutions?
Yes 🛚	
No 🗌	
Please give reasons for your answer	
As discussed above, Allowable Solutions should be delivered in the locality of the development. If the last resort option of paying into an Allowable Solutions fund is used, this should be a London-wide rather than national fund to ensure London benefits from its fair share of Allowable Solutions funding in line with the level of new development that takes place in London.	
If yes, do you th	nink that Allowable Solutions should be limited to projects located
(a) the local	ity of the development 🖂
(b) England	

Please give reasons for your answer.		
See above.	See above.	
Question 17	Do you consider that the five criteria set out in paragraph 4.17 of the consultation document are appropriate to determine Allowable Solutions' measures?	
Yes		
No 🗵		
Please give re	easons for your answer	
•	eria should be narrowed to ensure projects must be located in the levelopment, as explained above.	
scheme unnec	nality. It will be difficult to define additionality and risks making the essarily bureaucratic to deliver in practice. The risks around the lso serve to unnecessarily increase the cost of the measures.	
Cost effectiveness. A ceiling price doesn't in and of itself guarantee competition and cost effectiveness. A ceiling price may serve to artificially inflate the cost of carbon for some measures, particularly those which have a high level of carbon reduction proportional to the cost of the measures – e.g. loft and cavity wall insulation. As the final few months of the Carbon Emissions Reduction Target demonstrated, the increase in the cost of carbon didn't translate into a significantly higher number of harder to treat measures being installed, just a higher amount of funding for standard measures such as loft and cavity wall insulation. A floor price would ensure a minimum amount of carbon reduction measures can be delivered whilst driving innovation and competition by forcing Allowable Solutions to be delivered at as cost effective a price as possible.		
Question 18	Are there other criteria you consider should be used?	
4,000,0011110	The article of the control of the co	
Yes 🛚		
No 🗆		
Please give reasons for your answer		
Community benefits. Proposals that improve community assets in the local authority area development is taking place in, and/or help to deliver benefits to the community in the local authority area more generally should be considered as		

more appropriate because of the wider benefits the development brings such as

grid resilience, air pollution mitigation etc.

Timeframe for delivery. Putting a limit on the amount of time between the development being built and the Allowable Solutions measures being installed to minimise the amount of time where carbon emissions are not being offset.

Question 19	Do you have evidence that you are willing to share with DCLG about the likely supply of Allowable Solutions' measures?
Comments:	
produced evide with DCLG. In Waltham Fores Reigate and Ba Oxfordshire Co such as the Oly	cal authorities, at the request of the local population, have ence-based studies to inform carbon offsetting that could be shared London (e.g. Westminster, Islington, Sutton, Lewisham and st) and elsewhere (e.g. Milton Keynes Brighton, Southampton, andstand, Cambridgeshire, Cambridge, Aylesbury Vale, Thurrock, bunty Council, Stockport and Manchester), also public sector bodies ympic Legacy Agency have already done this and many more are g on collecting offsetting funds and delivering projects to save

carbon.

Question 20	Do you agree that the verification system for Allowable Solutions should include arrangements for deeming savings as a form of ex ante verification?	
Yes 🛚		
No 🗌	No 🗆	
Please give reasons for your answer Both ex ante and ex post are viable ways of delivering Allowable Solutions.		

Question 21	Do you have views on how such a system might best operate?
Comments:	
It could be base ECO.	ed on the standardised approach adopted for the Green Deal and

Question 22	Do you agree that the verification system for Allowable Solutions should include arrangements for ex post verification?
Yes 🗌	
No 🗆	
Please give re	asons for your answer
No comment.	
Question 23	Do you have views on how such a system might best operate to provide the best balance of assurance while avoiding overly burdensome reporting and monitoring processes?
Comments:	
No comment.	
Question 24	Should there be sanctions for non delivery of the expected carbon savings for Allowable Solutions' measures?
Yes 🗌	
No 🗆	
If Yes, how should those sanctions operate?	
No comment.	

Chapter 5: Price cap

Question 25

Question 25	Please provide your view on whether the government should	d:
	(a) allow the market to set its own price? Or	
	(b) set a single fixed price? Or	
	(c) set a ceiling price but enabling Allowable Solutions to be brought forward at lower prices? Or	
	(d) set a floor price for Allowable Solutions?	
	(tick one box above only)	
Comments:		
a floor price is s to deliver a loca setting a ceiling would advocate property sales in no mechanism the Allowable S	t the options should be developed further. One option could be set, which could be a national price if local authorities did not all allowable solutions scheme. There may be some value in a price, but rather than setting a fixed maximum capped price e setting a cap based on a set proportion of the average local price. However, setting a single national ceiling price together for prioritising local projects would inevitably result in almost solutions being implemented outside of London in parts of the more cost-effective measures are available.	want ilso , we r with all of
Question 26	Which price do you think should be adopted and why?	
	low ☐ central ☐ high ☐	
Comments:		
We disagree with the price caps proposed as none of the three would be sufficient to enable delivery of carbon reduction projects within London. Many urban authorities, including the London boroughs, have land restriction, and a diverse and complicated existing built environment that would promote local offsetting. Instead we would advocate setting a cap based on a set proportion of the average local property sales price. We would like clarification on how the proposed cost of carbon was derived as it		
seems to be out of date. We recommend that DCLG uses the same figures as DECC in its carbon work.		

Question 27	What impact do you think the different price caps will have on the extent to which Allowable Solutions projects will be brought forward?
Comments:	
The proposed price caps would lead to the majority of allowable solutions funding being spent outside of London, despite the fact that a large proportion of all new housing is built in London. London Councils' work on the Carbon Emissions Reduction Target (CERT) indicates that London does not receive a fair share of the funding available nationally to support retrofitting work. This needs to be addressed by the Allowable Solutions proposals, not reinforced by them.	
Question 28	What impact do you consider the different price caps will have on the viability of house building and would the impact differ in
	different parts of England?
Comments:	aan will ba wiahla in Landan
A nigher price (cap will be viable in London.
Question 29	Is 3 years an appropriate interval to review the price cap?
Yes 🗌	
No 🗆	
If no, how ofte	en do you think it should be reviewed?
No comment	
Question 30	Should Allowable Solutions cover 30 years of residual emissions?
Yes 🗌	
No 🗆	
If no, how often	en do you think it should be reviewed?

Question 31	Do you think the calculation of the carbon abatement required should take account of the expected and actual decarbonisation of the electricity grid?
Yes	
No 🖂	
Please give reasons for your answer	
Policy is too uncertain in this area for any realistic assumptions to be made about the nature of grid decarbonisation.	

Chapter 6: Allowable Solutions delivery routes

Question 32	Do you agree that route (i) of the house builder 'menu' can be accommodated within current Building Regulations compliance processes?	
Yes 🛚		
No 🗌		
Please give re	asons for your answer	
Question 33	What kinds of Allowable Solutions measures undertaken under route (ii) of the house builder 'menu' do you consider could be accommodated within current Building Regulations compliance processes?	
Comments:		
Boroughs do not support this route for a number of reasons including that it will offer no additionality, it will encourage developers to build to the lowest possible standards and it will add complexity in terms of the verification process.		
Question 34	Do you think that house builders should be able to enter into a direct transaction with third parties, including local authorities, to deliver Allowable Solutions?	
Yes 🖂		
No 🗌		
Please give re	asons for your answer	
Funding should be tied to the local authority area where the development is happening and therefore local authorities should be able to get involved in the process. Should local authorities choose not to deliver Allowable Solutions measures, either for a particular development or at all, the developer would need to		

find another de	livery agent to do so in the local area.
Question 35	How might that approach operate?
Comments: No comment.	
Question 36	Do you have any evidence of how such a system might work which could be drawn upon in developing such an arrangement?
Comments:	
No comment.	
Question 37	De vers annual that manifelian of a martable manifelian about the
Question 37	Do you agree that provision of a matching service should be considered?
Yes 🗌	
No 🗆	
Please give re	asons for your answer:
No comment.	
Question 38	Do you have views on how such a system might work to assist house
Question 36	Do you have views on how such a system might work to assist house builders?
Comments:	
No comment.	
Question 39	Do you have any evidence of existing matching services which could be drawn on in developing such an arrangement?

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Comments:	
No comment.	
Question 40	Do you agree that provision of a brokerage service should be
	considered?
Yes	
No L	
Please give re	asons for your answer
Brokerage/ ma	tching schemes are problematic, as is being seen through ECO due to
	omplexity and management required, and associated high costs.
Question 41	Do you have views on how such a system might work to assist
Question 41	house builders?
Comments:	
No comment.	
Question 42	Do you have any evidence of existing brokerage services which
	could be drawn on in developing such an arrangement?
Comments:	
No comment.	
Question 43	Davis and that providing of a few lands and a land
QUESTION 43	Do you agree that provision of a fund approach should be considered?
	considered?
Yes 🖂	

No 🗆		
Please give reasons for your answer:		
Agree, but only on the basis that this is a last resort and is established regionally (i.e. London-wide). A national fund has significant issues highlighted above – in particular it removes the link between the impacts of a development and their mitigation.		
Question 44	Do you have views on how such a system might work to assist house builders?	
Comments:		
Setting different ceiling prices in different parts of the country, as suggested above under Question 26, in order to take into account differences in sale prices/ land values (i.e. setting higher price in London than elsewhere) and the costs of implementing Allowable Solutions (generally more expensive in London).		
0		
Question 45	Do you have any evidence of existing funds which could be drawn on in developing such an arrangement?	
Comments:		
No.		
Question 46	If invested in a fund, Allowable Solutions payment capital and profits can both be reinvested on a revolving fund basis to increase long-term potential carbon savings. However, commercial returns and/or capital could be given back to house builders rather than reinvested, but this would mean less carbon being abated and hence a higher upfront investment would be required to meet the house builder's zero carbon homes obligation. Is there any interest from house builders in investing into a fund which abates carbon and also makes a return rather than making a smaller and off payment?	
Vac 🗆	smaller one-off payment?	
Yes L		
No \square		

Comments:

The government should clarify how allowable solutions will work with funding arising from other government carbon policies (FITs, RHIs, ECO, etc.).

Question 47	What are your views on the assessment of the delivery options set	
	out in the table below paragraph 6.19 of the consultation document?	

Comments:

Some factors have not been addressed including localism and the fact that there is no incentive for local communities to welcome developments into their area if the benefits will be felt outside of that area, State Aid rules, EU competition and tax implications. The assessment also does not consider the local authority as an Allowable Solutions provider.

Question 48	Are there other considerations which government should be taking	
	into account?	

Comments:

Localism – the extent to which the mechanism supports the local authority area in which development is taking place.

Other benefits to the community such as air quality, health and quality of life improvements, employment, improvement/installation of community resources.

Grid resilience – the extent to which the proposal is more or less likely to reduce energy demand, increase the generation of energy and therefore increase grid resilience in the local authority area where developments are taking place

Fuel Poverty – the extent to which it addresses fuel poverty issues within the local authority where development is taking place.

The government should clarify how allowable solutions will work with funding arising from other government carbon policies (FITs, RHIs, ECO, etc.).

Question 49	In the light of this analysis what is your preferred delivery route?		
	house builder DIY		
	bilateral		
	matching / brokerage		
	fund		
	(tick one box above only)		
Please provide reasons for your answer.			
No comment.			

Chapter 7: Next steps

Question 50	What do you think an appropriate familiarisation period might be for industry and appropriate transition arrangements for Allowable Solutions?	
Please provide reasons for your answer.		

Question 51	A development stage impact assessment accompanies this consultation document. Do you have any views on the analysis, costs and benefits presented in that impact assessment? Can you provide any additional evidence to inform the further development of the impact assessment?

Comments:

The impact assessment doesn't consider any of the range of impacts which arise as a result of not requiring Allowable Solutions to be delivered within the local authority area where development is taking place as set out above under Question 48.