

ATTACHMENT C

**CONSULTATION PROCESS
AND FEEDBACK**

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INTRODUCTION

The City employed a number of engagement pathways to provide residents, businesses and stakeholders with the Policy documents and seek their feedback. A number of media and web based outlets reproduced the City's media release and reported on the draft Green Roofs and Walls Policy and Policy Implementation Plan. All coverage was either independently positive or reproduced the City's media release either fully or in part.

ENGAGEMENT PATHWAYS

SOURCE	SUMMARY
Council	<p>The draft Policy and Implementation Plan were provided via:</p> <ul style="list-style-type: none">• Consultation section of the City of Sydney webpage;• Media releases;• Green Roofs and Walls webpage on the City's website;• YourSay Sydney page;• Social media posts (twitter, Facebook, instagram); and• Hard copies at Neighbourhood Service Centres.
Direct engagement	<p>The City's Green Roofs and Walls Senior Project Officer met with or discussed the draft Policy with the following groups and individuals. Copies of the draft Policy, Implementation Plan and Council report were also provided.</p> <ul style="list-style-type: none">• Academic institutions: UNSW, USYD, UTS, Macquarie• Service providers for example, Junglefy, Fytogreen, Stormwater 360, Green Walls Australia, Knauf, V garden, Elmich, Australian Institute of Landscape Architects etc• Other Councils: Sutherland, Randwick, Ryde, Ku-ring-gai, Marrickville, Leichhardt, Hornsby, Melbourne City Council• Nursery industry, Horticulture Australia, Nursery and Garden Industry Australia, Vision 202020• Design and building industry for example, Hassell, Arup, Mirvac, Aspect Studios etc.• Green Building Council of Australia and Council's Green Roofs and Walls Technical Advisory Panel, Green Roofs Australasia, Green Villages workshop participants

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SOURCE	SUMMARY
Media release	The City's media release was picked up and reported on by a number of sources including Sydney Morning Herald, Channel 10 and the ABC.
Newspaper advertisements	The Policy was promoted in the Sydney Morning Herald, City News, Inner West Courier, Wentworth Courier and Central newspapers
Presentations	During the consultation period the City's Green Roof and Walls Senior Project Officer gave presentations to: GreenUp - Environmental Professionals and UNSW students as part of a green roofs and walls summer elective program.
Social Media	The City's tweets on the Policy received 11 retweets and 4 favourites. All comments were positive.
<ul style="list-style-type: none"> • Twitter • Instagram 	<p>First instagram from the City received 492 likes and 16 comments</p> <p>Second instagram message received 432 likes and 10 comments</p> <p>All comments positive including:</p> <p><i>"Glad to hear it @beautifulyouaustralia"</i></p>
<ul style="list-style-type: none"> • Facebook 	The City's Facebook post received 240 likes and 66 shares including: <i>"Just love these – such a great way to bring some green life into the city"</i>
YourSay consultation page	<p>The page received:</p> <ul style="list-style-type: none"> • 1757 unique visitors • 187 document downloads <p>Comments were positive including:</p> <p><i>"This is a very important initiative and something that benefits everyone that lives in, works at or visits the city of Sydney. Congrats to CoS for making this happen. Keep up the great work!"</i></p>
Websites	Articles about the Policy were published on at least twelve independent websites including: Hoyne Property, Elders Real Estate, Urbananalyst, Local Government News, Sustainability Matters, Vision 202020, Sourceable Industry News and Analysis, Carbon News, Water Sensitive Urban Design in Sydney, Green Roofs Australasia, Hutchinson Builders and Green Roofs for Healthy Cities.

SUMMARY OF FEEDBACK RECEIVED

This table summarises the key points in written feedback provided.

Organisation / individual	Level of support	Feedback type	Summary of points raised	Policy recommendation and comment
Water engineering firm	Supportive	Email	<p>Expressed their support for the policy and for greater delivery of green roofs and walls to support urban ecology, amenity, thermal efficiency and microclimate management.</p> <p>Many of the environmental benefits of green roofs and walls require adequate water and irrigation therefore sustainable water management needs to be articulated as a potential design issue and wastewater reuse, rainwater harvesting and building based grey-water recycling options investigated as part of a sustainable water management strategy for green roofs and walls.</p> <p>The benefits to stormwater management need to be clarified, particular in terms of cleaning stormwater.</p>	<ul style="list-style-type: none"> Recommended an additional policy objective supporting sustainable design of green roofs & walls. Improved wording in the Policy and Implementation Plan to reflect the City's support for the use of sustainable water sources in the irrigation of green roofs and walls. Better articulated the connection between the Green Roofs and Walls Policy and the City's Decentralised Water Master Plan. Included sustainable irrigation options in the proposed green roofs and walls design and technical guidelines. Included the potential for stormwater quality research in the research section of the Policy Implementation Plan.
Design and construction company specialising in sustainable design, green roofs and walls	Supportive	Written response	<p>Greater importance needs to be given to industry standards and planning controls, including that the City should make it mandatory for builders to construct green roofs and walls to a standard and to manufacturers guidelines and for inspections to be carried out by appropriately qualified engineers.</p> <p>Fully accessible green roofs should be encouraged through the incorporation of appropriate safety features.</p> <p>Council should consider the provision of Floor Space Ratio bonuses for green roofs and walls</p> <p>Encourage the inclusion of green roofs and walls in BASIX</p> <p>Specific information was provided on standards required for waterproofing, structural support, soil media, species selection and maintenance.</p>	<ul style="list-style-type: none"> The need for guidelines and standards already articulated in the policy and given a priority in the Implementation Plan. This further strengthened through the addition of the new Policy objective. Inclusion in the planning controls for accessible green roofs will be incorporated into the ongoing review and updating of planning controls. The City is finalising the project partnership with UNSW to research BASIX outcomes and provide recommendations on ways to strengthen BASIX. Information provided on technical standards will be incorporated into the planned new technical guides.

Organisation / individual	Level of support	Feedback type	Summary of points raised	Response
Individual	Supportive	Via YourSay website	<p>Mandating a percentage of new developments to be green roof/walls will be a key driver. It may take time and design, implementation and maintenance issues need to be carefully considered.</p> <p>Good technical specifications for new and retrofits buildings is important to accompany the Policy</p>	<ul style="list-style-type: none"> Mandated green roofs were considered as part of the Policy development but not proposed yet due to the lack of industry depth and the lack of clear guidelines and design and construction standards. Technical specification development is currently in the Policy and Implementation Plan as detailed above.
Academia	Supportive	Email	<p>Requiring 30% green cover in order to meet the definition of a green roof may be an inhibitor. 20% cover or “a significant proportion of the available roof area” may encourage more reticent adopters.</p> <p>Would like to see the inclusion of an objective to - “Encouraging and facilitating further research into the effects green infrastructure has on the city environment”.</p>	<ul style="list-style-type: none"> 30% green cover is not a mandatory requirement, simply a way of defining green roofs. The 30% figure is based on the ability for the green cover to provide benefits to the building and surrounding environment. Less than 30% cover limits the ability of green cover on roofs to improve insulation, improve air quality or provide much habitat for biodiversity. The Implementation Plan sets out the research priorities for green roofs and walls.
Individual	Supportive	Your Say website	<p>The recognition of construction standards for green roofs and walls in the Building Code of Australia is a priority.</p> <p>Indigenous Horticultural person should be included in the process</p> <p>Incentives need to be expanded including competitions and awards. Corporate, business, local and international visitors should be given opportunities to participate.</p> <p>More mixing of public art and green space should be included in the policy.</p>	<ul style="list-style-type: none"> Construction standards and design guidelines are being developed as part of the Policy and Implementation Plan. The City will consult with horticultural specialist as Species planting guides are developed. The development of awards and other methods of recognition are potentially valuable and will be investigated. An annual program of educational activities is prepared and being implemented.

Organisation / individual	Level of support	Feedback type	Summary of points raised	Response
Individual	Supportive	YourSay	Green roofs and walls cool the city, leading to less electricity use, improved productivity and a more creative and innovative, happier, healthier society.	Noted
Industry group Green Building Council of Australia (GBCA)	Positive	Email	Minor changes in wording were suggested as well as a request to make more explicit links in the Policy and Implementation Plan to the Green Star program. Requested some photographs be changed to provide examples of more ecologically sustainable sites. Requested a separate policy objective being to continue to work with GBCA for recognition of green roofs and walls in the Green Star rating system.	<ul style="list-style-type: none"> Photographs changed to provide examples of sustainable green roof and wall sites. The Policy already has explicit links with existing rating tools including the Green Star program, BASIX, NatHERs and Environmental Upgrade Agreements.
Not for profit Sydney Harbour Association	Supportive with noted reservation	Written submission	Provided background information on the Association and documentation reviewed. The Association raised the issue of runoff from green roofs and walls and the potential impacts on the Harbour. They acknowledged that green roofs and walls can contribute to improved quality of stormwater, but were concerned not enough is understood about the nutrient runoff from green roofs and green walls. They requested the issue be addressed in the Policy and the research program and development control section of the Implementation Plan.	<ul style="list-style-type: none"> An additional policy objective has been included that supports the sustainable design of green roofs and walls This objective is added to the Implementation Plan and includes information on needing to clarify the stormwater management benefits of green roofs and walls and in particular nutrient loads in runoff. A research project is underway at UTS which will investigate nutrient loads in the runoff from food producing beds. Stormwater runoff analysis is included in the annual research priorities report.

Organisation / individual	Level of support	Feedback type	Summary of points raised [full text in trim]	Response
Individual C Moore Hardy	Email	Supportive	<p>Use existing pathways to support green roofs and walls e.g. incentive programs like Canada or Best Green Garden Challenge for Offices, Homes and Apartments</p> <p>Mandatory installations in new buildings/apartments</p> <p>Education about green roofs and walls v. important</p> <p>Encourage uptake through Strata & Company laws and regulations</p> <p>Council to Council networking – look at Randwick with regard to native plant nursery</p> <p>Collaborating with academia is a great idea. Consider other universities</p>	<ul style="list-style-type: none"> • Reviewing incentive programs is one of the activities in the Implementation Plan. • Mandating green roofs and walls is not supported at this time due to a lack of industry depth and clear standards. • Current educational strategies are targeting a range of residential, commercial and industry sector groups, however new strategies will be considered as the existing groups become better educated. • Projects are planned with a number of tertiary institutions, however only active research projects are included. The City will continue pursuing other research partnership opportunities.