

GREEN STEPS - Sustainability Consultancy Project Brief

Please complete the project brief to help guide the students in completing their professional Sustainability Consultancy Projects. This brief will be handed out following the training.

AREA	DETAILS
Project name:	Net Zero for communities
Department:	Buildings and Property Division
Functions of the department:	The Buildings and Property Division manages the estate of the University's Australian Campuses. The Net Zero Initiative is driving the transition to 100% renewable power and net zero emissions for Monash's Australian built environment.
Project aim:	Help the community of Healesville with their first project towards achieving a net zero emissions town: a Solar Bulk Buy scheme with the Yarra Ranges Council. Planning and implementing the community engagement strategy for the long-term success of the Solar Bulk Buy scheme and other Net Zero projects.
Key project tasks:	<p>Primary Scope</p> <ol style="list-style-type: none"> 1. Review state-of-the-art communications and engagement strategies for Solar Bulk Buy schemes and Net Zero pathways. 2. Develop an understanding of Net Zero concepts and identify best-practice community engagement examples in Australia. 3. Arrange to meet or have a teleconference with the following key stakeholders: <ul style="list-style-type: none"> • Yasmina Dkhissi – Net Zero Program Strategy Manager, BPD • Timothy Hoban – Net Zero Project Engineer, BPD • Julian Guess – Sustainability Project Officer, Yarra Ranges Council • Jeff Barlow – Healesville Community Renewable Energy (CoRE), President. 4. Based on conversations with key stakeholders, deepen your understanding of project concepts and best-practice. Prepare a fact sheet / summary of key success factors for best-practice community engagement in the context of renewable energy projects.

	<ol style="list-style-type: none"> 5. In consultation with Healesville CoRE, design and run a survey to understand past and current experience that the Healesville community members have had with solar energy. 6. Analyse survey results and summarise key findings into a succinct and useful report for Healesville CoRE and the Yarra Ranges Council. 7. In consultation with Yarra Ranges Council and Healesville CoRE, and based on the survey findings, prepare a community engagement brochure to help demystify the Yarra Ranges Solar Bulk Buy for the community of Healesville. 8. Consolidate results, findings and recommendations in final report. 9. Present work in front of Monash BPD staff. <p>Additional (optional) Scope</p> <ol style="list-style-type: none"> 10. Deepen your research, understanding and practice into behavioural change <ul style="list-style-type: none"> • How would you design the engagement strategy to drive sustainable change and adoption of bulk buy and other Net Zero projects? • Help Healesville plan how they will monitor the solar uptake? Gamification? 11. Project replication <ul style="list-style-type: none"> • How would this work apply in a different context? Could some of the lessons learned be beneficial to another community? • How would you engage with other communities to enable knowledge sharing and transfer? 12. Net Zero beyond Solar Bulk Buy <ul style="list-style-type: none"> • Work with the community of Healesville on 'Ways you can make a difference' brochure based on Healesville Net Zero Town Options study carried out by Monash students.
<p>Skills and abilities:</p>	<ul style="list-style-type: none"> • High degree of independence, motivation and professionalism • Ability to quickly learn new concepts and adapt to new environments • High interpersonal skills and ability to effectively liaise with a range of stakeholders • Ability to convey complex concepts and translate into tangible benefits to stakeholders

	<ul style="list-style-type: none"> Advanced graphical design skills preferred 	
<p>Project outcomes:</p>	<p>Primary (20 hours):</p>	<p>Additional (10 hours): <i>Optional</i></p>
	<ul style="list-style-type: none"> Solar Bulk Buy best-practice engagement methodology Engagement Material (survey & brochure) 	<ul style="list-style-type: none"> From awareness to behavioural change Translation piece and relevance to other communities Net Zero / Quick energy tips brochure for households
<p>Background on how this project came about and any wider projects it relates to:</p>	<p>Monash University aspires to lead the Australian tertiary sector and broader community towards a low carbon economy. Monash have developed a roadmap to a long term net zero emissions target informed by initial analysis from ClimateWorks’ deep decarbonisation pathways. In October 2017, Monash University made a commitment to achieving Net Zero emissions for all of our Australian built environment by 2030.</p> <p>The delivery of projects to meet this goal is now underway and covers significant energy efficiency projects, electrification of buildings, installation of on-site renewable generation, procurement of off-site renewable electricity, and the deployment of a sustainable Microgrid. The Net Zero Initiative goes well beyond its ambitious operational transformation efforts. Strong emphasis is placed on treating Monash Australian campuses as smart cities, creating models that can be replicated well beyond the campus boundaries, creating platforms for collaboration and sharing knowledge with industry, government and communities. This Project constitutes an example of the translation efforts the Initiative is committed to.</p> <p>The community of Healesville and the Yarra Ranges Council reached out to the Net Zero team for guidance in how to achieve the ambitious goal for their town to reach net zero emissions by 2027 and for the social-economic benefits to flow back to the community. An options study was conducted by Monash students in 2018 and in consultation with the community, it was agreed the first step on their great journey would be to implement a Solar Bulk Buy.</p> <p>The Yarra Ranges Council is coordinated the Solar Bulk Buy and Healesville CoRE will assist in enabling the success of the project for the community.</p> <p>The objective of this Project is to assist Healesville with defining the best engagement approaches that will lead to a successful Solar Bulk Buy for their town. This will require working with various stakeholders and tailoring the outcomes to the stakeholders’ aspirations. This real-world challenge will</p>	

	<p>contribute to helping the community of Healesville on their journey to net zero emissions, bringing them one step closer to their ambitious goal.</p>
<p>Resources to use:</p>	<p>Here is a list of introductory resources to start learning about Net Zero, Solar Bulk Buy, and Community engagement best-practice. These should be complemented by your own research.</p> <p>http://www.monash.edu/net-zero-initiative</p> <p>https://climateworks.com.au/project/national-projects/pathways-deep-decarbonisation-2050-how-australia-can-prosper-low-carbon</p> <p>https://www.generationyes.com.au/</p> <p>http://z-net.org.au/blueprint/</p> <p>http://mash.org.au/hepburn-solar/</p> <p>http://share.asn.au/solar-z-net-info-nights/</p> <p>https://www.energymatters.com.au/residential-solar/solar-bulk-buy-community-solar-directory/</p> <p>http://www.darebin.vic.gov.au/Darebin-Living/Caring-for-the-environment/EnergyClimate#Solar-Programs</p> <p>http://healesvillecore.org.au/</p> <p>https://www.cleanenergycouncil.org.au/technologies/wind-energy/community-engagement-guidelines.html</p>
<p>Outputs:</p>	<ol style="list-style-type: none"> 1. Solar Experience Community Survey & Report 2. Solar Bulk Buy Community Brochure 3. Completed final report with review, survey design an results, analysis and recommendations (one compiled report for the team) 4. Presentation
<p>Timeframe:</p>	<p>Two months</p>
<p>Project plan due date:</p>	<p>TBC with supervisor</p>

Sustainability Consultancy Project Brief

First meeting with project supervisor:	Week of 22 October
Mid point check in:	Week of 12 November
Final project output/s due date:	14 December
Presentaion date:	3 or 6 December
Supervisor name and contact:	<p>YASMINA DKHISSI PhD Net Zero Program Strategy Manager</p> <p>Buildings and Property Division Monash University 30 Research Way, Clayton campus Clayton, VIC 3800 Australia</p> <p>T: +61 415 995 170 E: yasmina.dkhissi@monash.edu</p> <p>http://www.monash.edu/net-zero-initiative</p>