

Nowra CBD Revitalisation Strategy Committee

Meeting Date: Tuesday, 05 July, 2022

Location: Email Meeting

Attachments (Under Separate Cover)

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**NOWRA CBD STREETLIGHTING AND SMART POLES
FEASIBILITY REPORT**



CBD22.22 - Attachment 1



NOWRA CBD STREETLIGHTING AND SMART POLES FEASIBILITY REORT



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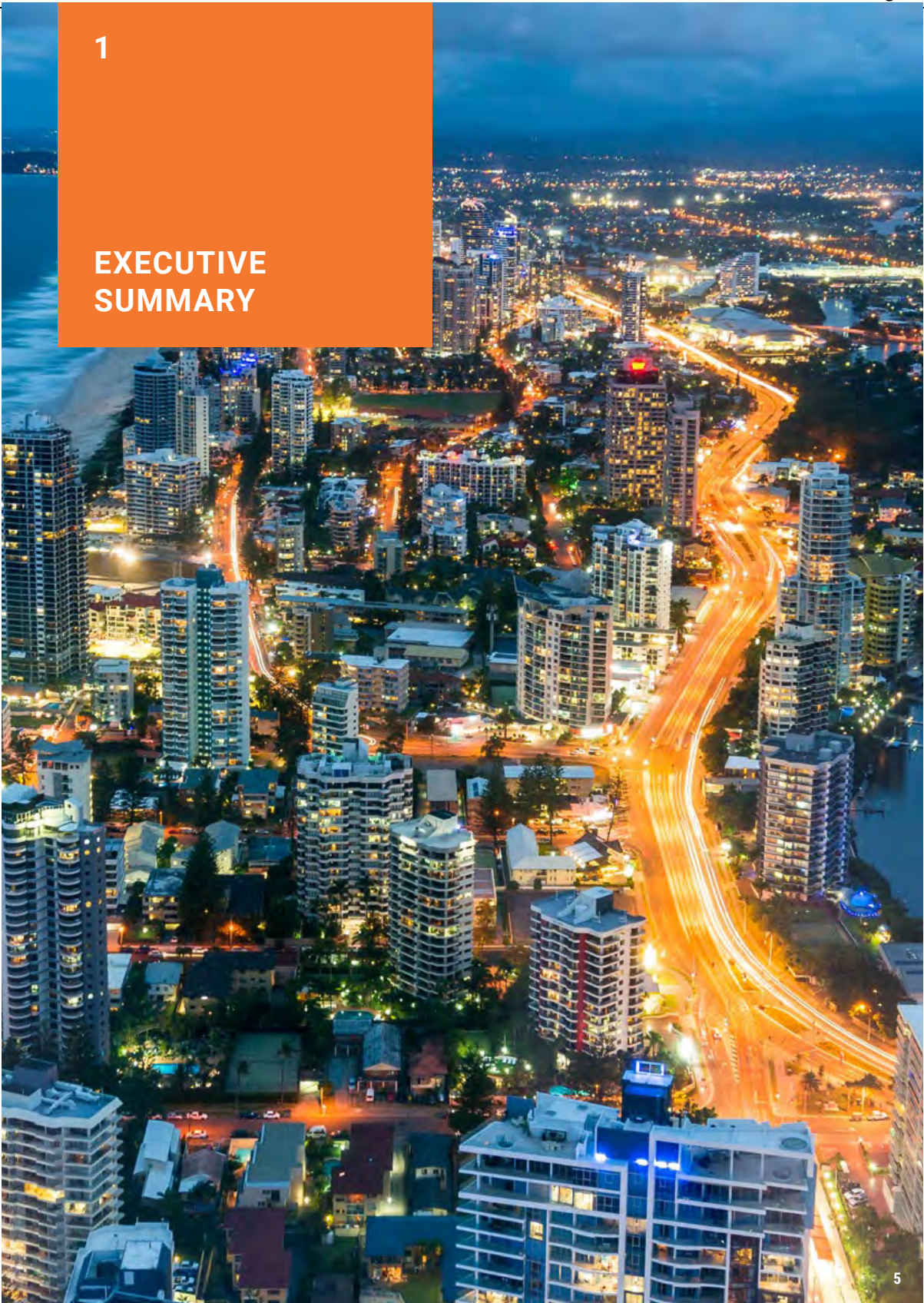
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**EXECUTIVE
SUMMARY**



CBD22.22 - Attachment 1

1 EXECUTIVE SUMMARY

Shoalhaven City Council have commissioned Complete Urban to investigate the feasibility of the following.

- Retrofitting the existing streetlight poles in Junction Street (between Kinghorne & Berry Streets) with:
 - Under awning LED lights with colour change and pattern capabilities
 - Public Address Speakers
 - Improved Street Lighting
 - Free public Wi-Fi

- Retrofitting the existing streetlight poles in Junction Court with:
 - Public Address Speakers
 - Free public Wi-Fi in the CBD area

- Installation of free public Wi-Fi in Jellybean Park, Stewart Place Carpark and Egans Lane Carpark.

This investigation is only a high-level proposal and does not include detailed design or assessment of compliance and functionality of the existing systems.

The following three options were considered:

1. Retrofit and reutilise existing infrastructure
2. New Smart Poles
3. Retrofit existing streetlighting & New Smart Poles

Option 3 provides a balance between retrofitting existing street poles with new light fittings along Junction St and installation of new infrastructure to support smart poles to integrate the Wi-Fi, PA speakers and colour changing luminaires. In addition, the smart poles provide a Smart Cities overlay to future proof and facilitate new and emerging technologies.

The works could be completed in a staged manner commencing with the retrofitting of the existing street poles and subsequent installation of infrastructure and equipment to support the new smart poles.



