

CALL FOR
EXPRESSIONS
OF INTEREST

NET ZERO CITIES - COMMERCIAL OPPORTUNITIES IN CITY ENVIRONMENTS

What could a ~\$250M project pool do to create new commercial opportunities for your company in three Australian cities, while enabling them to achieve their net zero targets?



The Net Zero Cities Cooperative Research Centre (CRC) is a developing 10-year (2025 to 2035) world leading industry-led ~\$250M initiative, which connects industry, government and research partners through a deep collaboration to commercialise digital, circular and resilience innovation at scale in city environments, enabled by investment.

Three city environments have been selected as global exemplars, with each having established net zero ambitions:

1. Bradfield, NSW which is Australia's newest city and will be green, advanced, and connected to world-class transport
2. Springfield, Queensland which is building to a carbon positive, green city
3. Greater South East Melbourne (GSEM) with dedicated net zero innovation zones and retrofitting to all electric and Net Zero.

We are seeking Expressions of Interest for partnership in the Bradfield City Environment.

Greater South Eastern Melbourne and Springfield Expressions of Interest will open soon, although interest in GSEM and Springfield can also be expressed at this time.

WHY JOIN THE NET ZERO CITIES CRC?

Over the next critical decade (2025 to 2035), the Net Zero Cities CRC will provide a unique commercial opportunity for your Company to:

1. Pilot, test, and demonstrate your digital, circular and resilience innovations, platforms, products and/or services, in a scalable city environment
2. Build relationships with key decision makers in city environments, to work within current or shape future projects to provide commercial value and enable cities to meet their net zero city targets
3. Create new IP which can be tailored and protected under the unique conditions of being a partner in a CRC
4. Receive support, insight and develop measurement approaches with Australia's leading decarbonisation researchers
5. Gain practical insight into world leading city financing options, which aims to bridge the funding gap between undertaking action research and attracting private finance to implement and scale on-ground projects
6. Highlight your participation in the CRC as part of your company's sustainability strategy, by demonstrating commercial opportunities while also reducing your value chain's Scope 3 emissions.



YOUR EXPRESSION OF INTEREST

The CRC bid team is seeking expressions of interest from technology providers, developers, utilities, engineers, urban designers, investors, and other innovators who want to commercialise in city environments by **COB Friday 18th November 2023**.

Please provide details of:

- Your company or business
- Your vision for the commercial opportunity in city environments across innovation areas including digital, circular, resilience and/or investment

→ Your intended investment into a Net Zero Cities CRC (note that an investment of \$100K per annum will enable access to the whole research program).

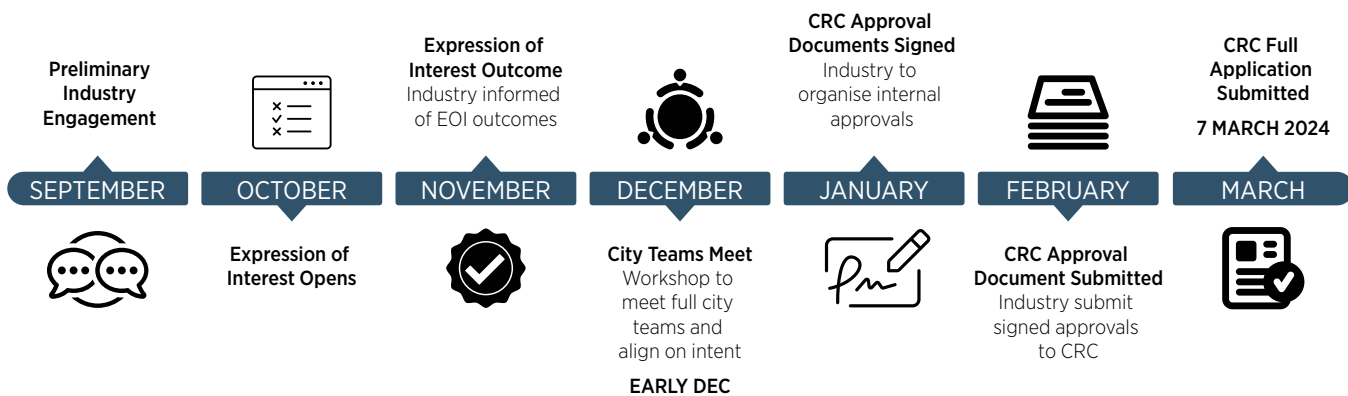
→ Your intention to join a deep collaboration of a city environment partnership.

Expressions of interest should be sent to Professor Greg Morrison, G.Morrison@westernsydney.edu.au

The timeline for the Net Zero Cities CRC bid process is shown below:

Further information on the EOI can be obtained from Professor Greg Morrison, G.Morrison@westernsydney.edu.au or Belinda Whelan, belinda.whelan@climate-kic.org.au

The EOI is not contractually binding at this time but is an intention to genuinely work together on this initiative.



BRADFIELD – THE CITY OF THE FUTURE

Bradfield is in Western Sydney near the new airport and is Australia's newest city with a planned 1.5 million population.

Bradfield will be a beautiful and sustainable city that is green, advanced, and connected to world-class transport. Bradfield City Centre will be cyber smart and digitally led, with commercial and community facilities including retail, cultural facilities, and open green spaces. Advanced manufacturing and other future looking industries based in Bradfield City Centre will act as a magnet for innovation across all of Western Sydney. This will create better paid quality jobs closer to home for Western Sydney residents.

WHY ESTABLISH A NET ZERO CITIES CRC?

1. ACHIEVING NET ZERO AMBITIONS

Most city environments have developed net zero strategies and these need to be achieved through action and implementation, creating the opportunity for the development of a new market and providing commercialisation at scale of new business models and innovation across sectors.

After industry consultation we have determined that to achieve the ambitious net zero strategies of city environments, innovation is required within the following general areas:

- Digital services and products, particularly but not limited to, the city scale
- Circular Economy, going beyond the ongoing renewable energy transition
- Resilience, nature positive and climate proof solutions for the entire city environment
- Investment, deploying capital for the purpose of catalysing sustainability transitions in city environments.
- These identified areas align with the Australian Governments' draft National Science and Research Priorities.

2. COMMERCIAL OPPORTUNITIES FOR CITY ENVIRONMENTS

Australia and its knowledge economy is a key player in the Australia Pacific region, which is the single largest contributor to global GDP, making it attractive for industry innovation and investment. The smart Cities' market is expected to grow from US 511.6 billion in 2022 to USD 1024.4 billion by 2027, demonstrating a rapidly growing opportunity. Implementing the circular economy and finding resilience solutions in city environments will bring new commercial opportunities across buildings, mobility, products and services and enable future carbon positive and climate proof living.

Australia's net zero targets and complementary city strategies create the mandate to enable a productive and innovative economy to globally lead in the transition. Working together through deep collaboration in city environments can attract significant investment and funding for implementation of innovation.



FOUNDATION PARTNERS

