

## PENRITH PRECINCT I URBAN INNOVATION

Our research generates cutting edge, applied solutions to enable sustainable cities and societies. We help optimising supply chain management and develop new materials to build smart, tech-rich cities.

### KEY CAPACITIES

- Smart Construction
- Urban Planning
- Construction
- Engineering
- Neuromorphic Engineering

## PENRITH PRECINCT II JUST TRANSFORMATIONS

Researchers at Western develop innovative solutions to progress environmental and social justice in times of widespread urban transformation. We make Western Sydney cooler, greener and more socially equitable.

### KEY CAPACITIES

- Affordable Housing
- Urban Cooling
- Social Justice

# RESEARCH CAPACITY 2023 URBAN LIVING FUTURES & SOCIETY

PEOPLE, CULTURE, ECONOMY AND THE BUILT ENVIRONMENT



WESTERN SYDNEY UNIVERSITY SUPPORTS THE SUSTAINABLE DEVELOPMENT GOALS



## PARRAMATTA SOUTH DIGITAL SOCIETIES AND CULTURAL VIBRANCY

Our researchers strive to understand and promote contemporary, digitally enabled and socially-rich urban life. We use immersive research facilities to test the limits and identify opportunities for tomorrow's work places and communities.

### KEY CAPACITIES

- Digital Humanities
- Industrial Design
- Human Geography

## PARRAMATTA CITY INDUSTRIAL AND DIGITAL REVOLUTIONS

We lead cross-disciplinary research that supports innovation in manufacturing based around multi-level interaction between humans and machines. Outstanding research capacity and facilities generate solutions that decarbonise our way of life.

### KEY CAPACITIES

- Artificial Intelligence
- Cyber Security
- E-Commerce
- Urban Transformation
- Human-Machine Interactions

## LIVERPOOL AND BANKSTOWN EQUITABLE SOCIETIES

Our research supports and emboldens local multicultural communities. Researchers work with community and government partners from across the region to promote social, gender and sexual equity and inclusion.

### KEY CAPACITIES

- Human History
- Art and Culture
- Policing