

Advanced Manufacturing

Driving new jobs, skills and innovation in
Western Australia's South West region

We're working on tomorrow, today



WELCOME TO

Western Australia's South West

The South West Development Commission is the State Government agency responsible for the economic development and growth in the South West.

Through our work, we strive to make the South West the best place to live, work and invest.



Bunbury Geographe
The Capes
Southern Forests





We're working on tomorrow, today

**Growing and
diversifying the
region's economy**

A composite image showing a factory worker in a blue shirt and white shirt operating a tablet. The tablet screen displays a complex interface with various icons and data points, likely representing a control panel for industrial machinery. In the background, a robotic arm is shown welding a metal component, with bright sparks flying from the point of contact. The overall theme is the integration of traditional manufacturing with modern digital technology.

Vision

Create a world class Advanced
Manufacturing and Technology Hub
(AMTECH) in the South West region
of Western Australia



POPULATION
190,637

POPULATION GROWTH RATE
8.6%
(2016-21)

GROSS REGIONAL PRODUCT
\$16.2
BILLION

JOBS
80,407

Desirable &
Liveable

Top 5 Industries by output



Manufacturing



Advanced Manufacturing



Strategic Location





Bunbury Port

A photograph of a railway track receding into the distance through a rural landscape. The track is made of metal rails and wooden sleepers, surrounded by gravel. It cuts through a landscape of green grass, yellowish-brown dirt, and dense green trees on hills in the background under a clear blue sky.

Supporting **Infrastructure**

A wide-angle aerial photograph of a massive industrial construction project. The foreground is filled with the intricate steel framework and piping of a large facility, with several tall red and white lattice cranes standing prominently. In the middle ground, a large, flat, yellowish-brown construction area is visible, marked with various equipment and materials. The background features a lush, green landscape with rolling hills and a river or stream winding through the terrain under a clear blue sky.

Strategic Industrial areas

Regional Airport





Naturally
Resourced

Highly Skilled Workforce



Industry led

Local manufacturers are driving this proposal

- Critical need to access advanced skilled workers to increase their competitiveness and markets.
- Need universal access to advanced technologies to increase output and for enhancement of existing products.
- Onshoring of manufactured input/imports – to secure sovereignty.
- Export industries could benefit from significant value-adding through technologies.





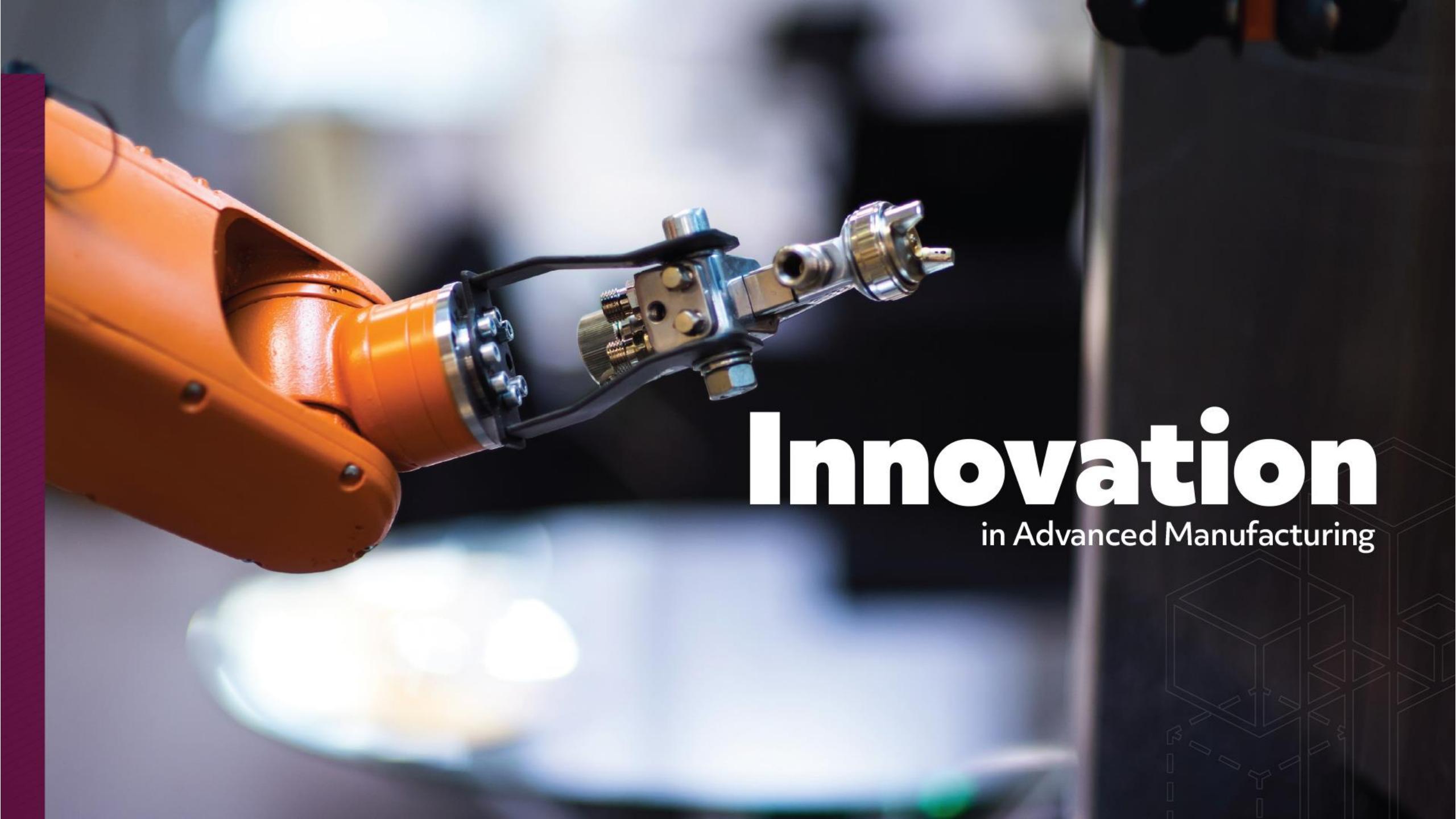
New Jobs

in Advanced Manufacturing

New Skills

in Advanced Manufacturing



A close-up photograph of an orange robotic arm's end effector. The end effector is a complex assembly of metal components, including a gripper mechanism and a cylindrical probe or sensor. The background is blurred, showing the industrial setting of the manufacturing plant.

Innovation

in Advanced Manufacturing





Building an **Eco-system**

The case for investment

Market Analysis

- Critical minerals downstream production and value-chain gaps.
- Rail car component manufacture to support the grain and critical minerals sectors.
- Manufacturing and procurement opportunities associated with lifetime support of wind farm turbine componentry for the renewable wind energy sector.



The case for investment

Site options analysis and Common User Facility design to suit the market opportunities

- Proximity to port and marine off-loading facilities
- Access to public transport, rail and freight networks
- Access to supportive enterprises
- Access to workforce and education services
- Long term potential to expand



The case for investment

Research, Innovation and Skills

- Research, innovation and training co situated with industry infrastructure.
- Partnerships with schools, vocational education and training and higher education.



Timeline

MAY
2023

Tender
Awarded

JANUARY - MARCH
2024

Final
Feasibility
Completed

APRIL - MAY
2024

Business
Case to
Minister

The background of the slide features a dynamic, abstract pattern of overlapping circles and lines. The circles are primarily orange and yellow, arranged in a grid-like structure that curves and overlaps. These are set against a dark, almost black, background. In the lower right corner, there are faint, thin white lines forming a geometric, wireframe-like structure that suggests a 3D cube or a complex network.

Any
Questions?