

a DIGITAL & COMMUNICATIONS strategy for the Mid West

STRATEGIC FOCUS AREA

PROGRAM PROJECT

1. COMPETITIVE MID WEST INDUSTRY

Implement a program of Smart Initiatives that will expose Mid West industry to innovative practices and opportunities enabled by digital infrastructure and involving digital applications and technologies



Smart Agriculture

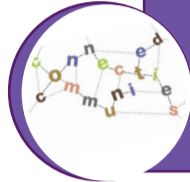
1. Chapman Valley smart farm cluster
2. Mingenew smart farming cluster
3. Crop monitoring by drones
4. LoRa sensor network trial

Data to Knowledge

1. Digital data bank
2. Mid West Visitor / Tourist Study
3. Pawsey Centre Mid West analysis

2. VIBRANT MID WEST COMMUNITIES

Deploying effective communications infrastructure, as well as transformative digital technologies and applications, relies on establishing commercially viable circumstances



Smart Communities

1. Community WiFi (25 towns)
2. Digital village green
3. Digital4All community hubs
4. Smart community coaching
5. Community analytics platform

Digital Services

1. Mid West TeleGov network
2. CRC video conference network
3. WA telehealth expansion
4. Urban extension professionals

3. AN INNOVATION DRIVEN FUTURE

Develop world class innovation facilities, which will attract talented entrepreneurs and nurture skills, ideas and outcomes that can be adopted by industry and communities across the Mid West, to help improve social and economic activities relevant to the Mid West



Innovation Culture

1. Mid West Gov Hack team
2. Mid West Oz app participation
3. Mid West digital hackathon
4. Regional tech innovation challenge

Build Capabilities

1. **Digital DoJo**
2. CRC innovation hubs

4. ANYBODY TO EVERYWHERE, GLOBALLY CONNECTED

Look to establish a region-wide communications network built around fit for purpose infrastructure that aims to deploy the highest standard of connectivity and capacity to all parts of the Mid West



Mid West.Net

1. Mid West RSP (Mid WestNet)
2. Mid West international links

Digital Public Services

1. Telehealth network expansion
2. Virtual education platform
3. Online State government
4. Best Connect emergency services

Mid West Virtual Co-Op

1. Mid West online mall
2. Mid West online asset disposal
3. Mid West China Connect

5. ENVIRONMENTAL SUSTAINABILITY

Leverage the deployment of a region wide-communications network to deploy sensor arrays, to monitor sensitive areas and natural resource concentrations as well as major tourism attractions



Regional Sensor Arrays

1. Sensitive location visitor monitor
2. Transport corridors study
3. Feral pest tracking

Digital Waste Management

1. Mid West digital waste collection
2. Digital device recycling

6. REGION-WIDE DIGITAL CAPABILITY AND CONNECTIVITY

Leverage multiple stakeholder needs and capabilities to create viable infrastructure development projects, which lead to improved communications services into rural and remote areas of the region



Blackspots

1. **Mid West competitive backhaul**
2. Regional telco project
3. Mobile blackspots program
4. Connectivity demand audit

Optimal Regional Networks

1. North Midlands Councils wireless
2. Chapman Valley wireless
3. Community FttP
4. NBN 3 year roll out plan

Abrolhos Islands connectivity

1. Technology review
2. Fixed wireless links

7. INCLUSION AND PARTICIPATION

Deploying effective communications infrastructure, as well as transformative digital technologies and applications for all levels of abilities



Digital literacy

1. **Digital flying squad**
2. Community collaboration hubs

Digital Access

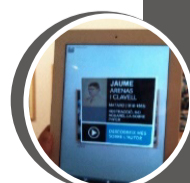
1. Digital device bank
2. Low cost broadband plans
3. Low cost mobile plans

Digital Participation

1. Go-Digi program
2. Online education resources

8. MID WEST DIGITAL NARRATIVE

Build a level of collaboration between key stakeholders responsible for presenting the Mid West narrative and the local creative sector



Digital Industries

1. **Mid West digital creative lab**
2. Creative production skills development

Immersive digital experiences

1. WA Museum (Geraldton)
 - Abrolhos Islands / Batavia story
 - HMAS Sydney II story
 - Square Kilometre Array project

Digital Tourism

1. Digital trails
2. Community online websites
3. Mid West online explorer website

GUIDING PRINCIPLES

Seek transformational outcomes

Close the gap: Reduce the "digital divide" across the region by providing access, affordability, speed and capacity

Wherever and whenever possible, deliver world's best practice

Maximise the value from all effort and investment, across the entire region

Adopt a sharing economy approach

Pilot first, prove viability and sustainability -- then go big

Seek collaborative investment amongst public and private investors that produces sustainable outcomes

Focus on outcomes -- not on activities

Develop a cooperative approach with other WA regional areas

Adopt a 3-Pillar baseline of Infrastructure, Education and Technical Support

