



IPWEA

INSTITUTE OF PUBLIC WORKS
ENGINEERING AUSTRALASIA

National State of the Assets

ALGA National General Assembly – July 2024

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Infrastructure Asset Categories



Roads



Bridges



Buildings &
Facilities



Parks &
Recreation



Stormwater



Water &
Wastewater



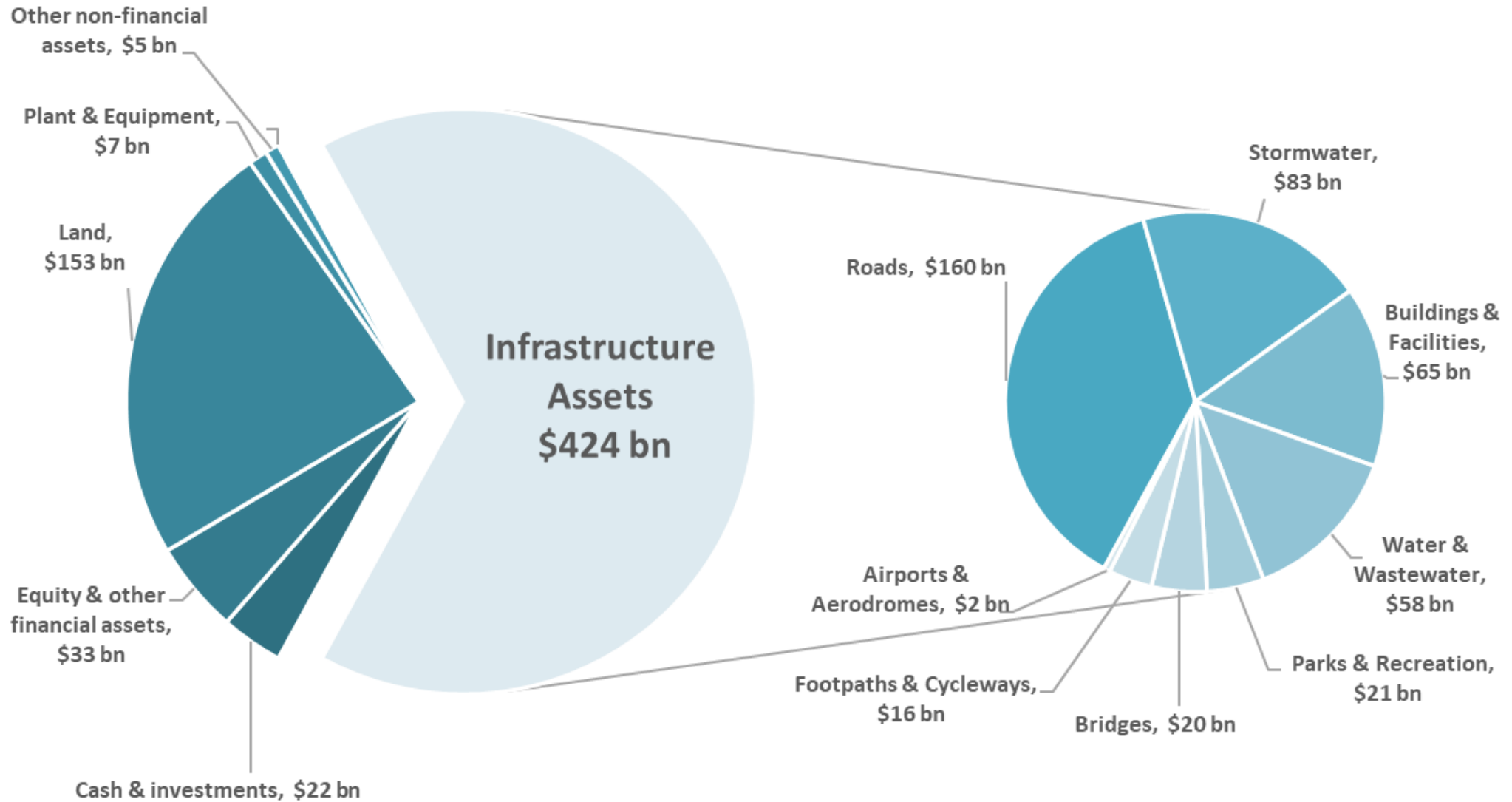
Airports &
Aerodromes



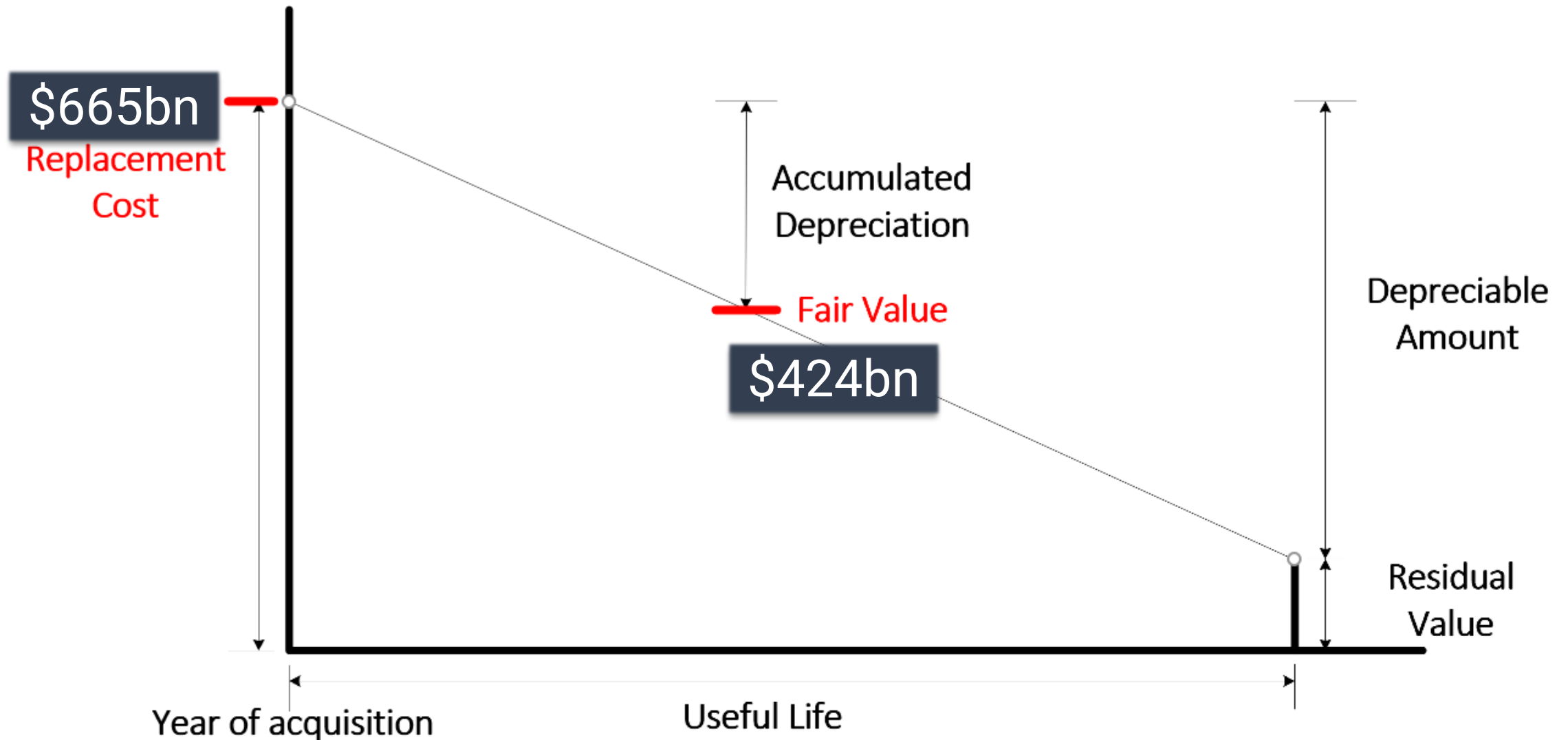
Footpaths &
Cycleways



Local Government Assets



Infrastructure Replacement Cost and Value

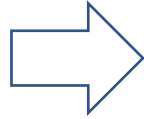
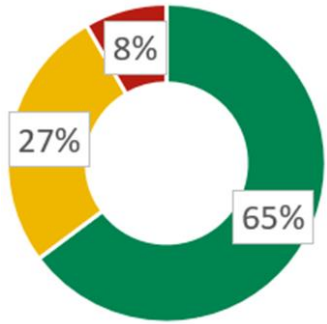


Performance Measures

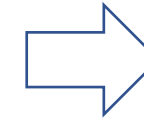
- **Condition** Quality ... How good is the service?
- **Function** Suitability ... Is it the right service?
- **Capacity** Utilisation ... Do we need more or less?



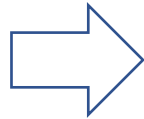
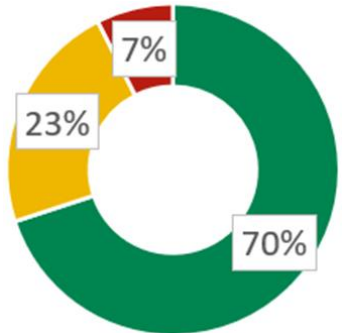
Local Government Infrastructure Performance



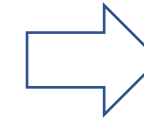
Poor condition needs maintenance or replacement



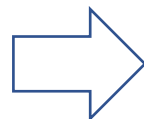
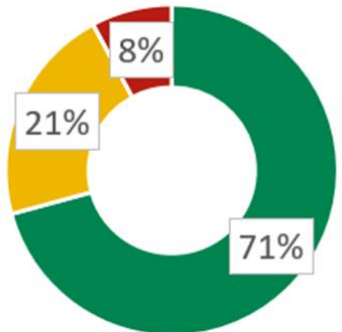
\$55 bn



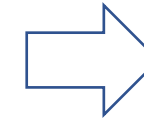
Poor function needs upgrade to meet current and future needs



\$50 bn



Poor capacity needs new assets to meet demand and growth



\$52 bn

■ Good ■ Fair ■ Poor

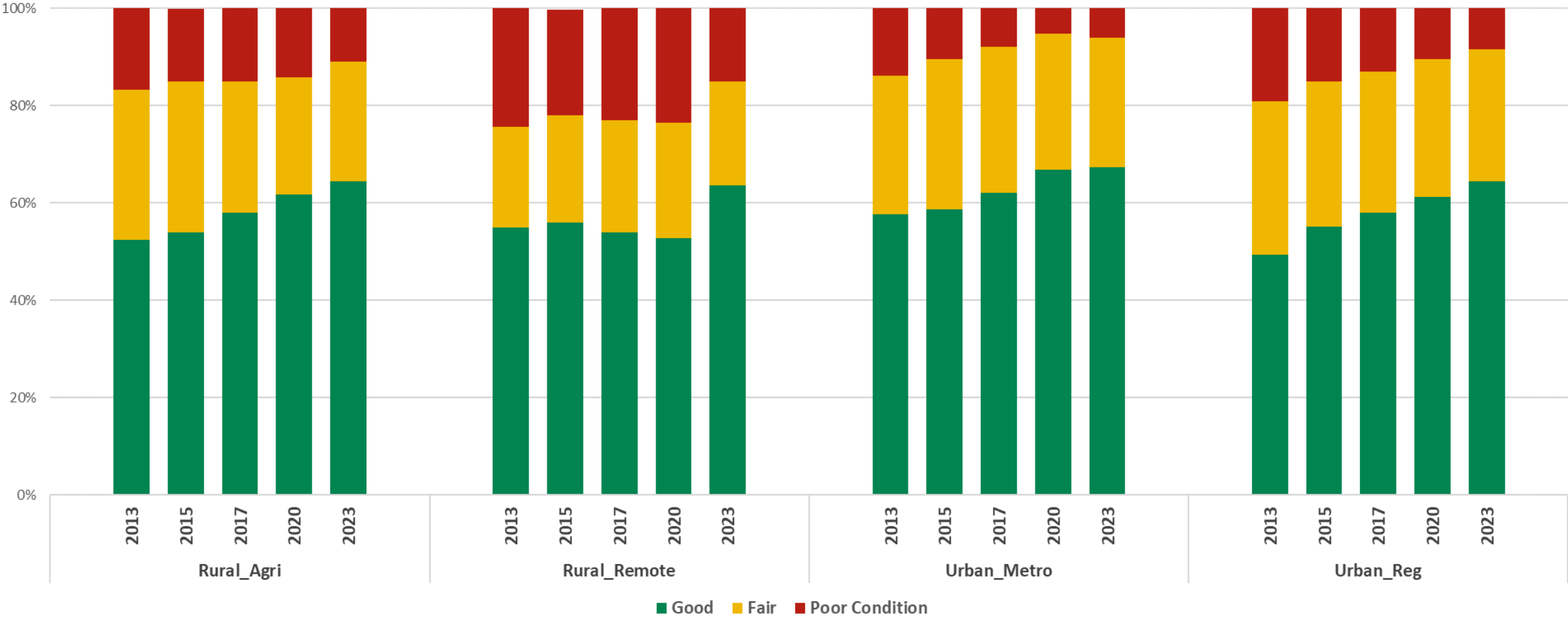
But what's the risk?



Condition Trend by Asset Category



Condition Trend by Rural & Urban Councils



Key Findings

- The estimated cost to replace local government infrastructure is \$665bn.
- Approximately two-thirds or 65% of local government infrastructure assets are in good condition, function reasonably well and are utilised within their original design capacity.
- Around 20 to 30% are in fair condition, function, capacity.
- Less than 10% are in a poor state of repair.
- Between \$50bn to \$55bn of infrastructure assets are in poor condition, function or capacity.
- On average infrastructure assets appear to be improving over time.
- Rural councils hold an 'older' stock of infrastructure assets.
- On average infrastructure is lasting longer than originally anticipated.



Importance of strategic planning

- Councils have around 10 times as many assets as income
- Infrastructure assets exist to deliver a service
- They last a long period of time, but not forever
- We need to plan over the long-term to maintain preferred and affordable service levels in a sustainable way.





IPWEA

Thank you

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