



NEW ZEALAND'S SCHOOL PROPERTY MANAGEMENT INFORMATION SYSTEM (PMIS)

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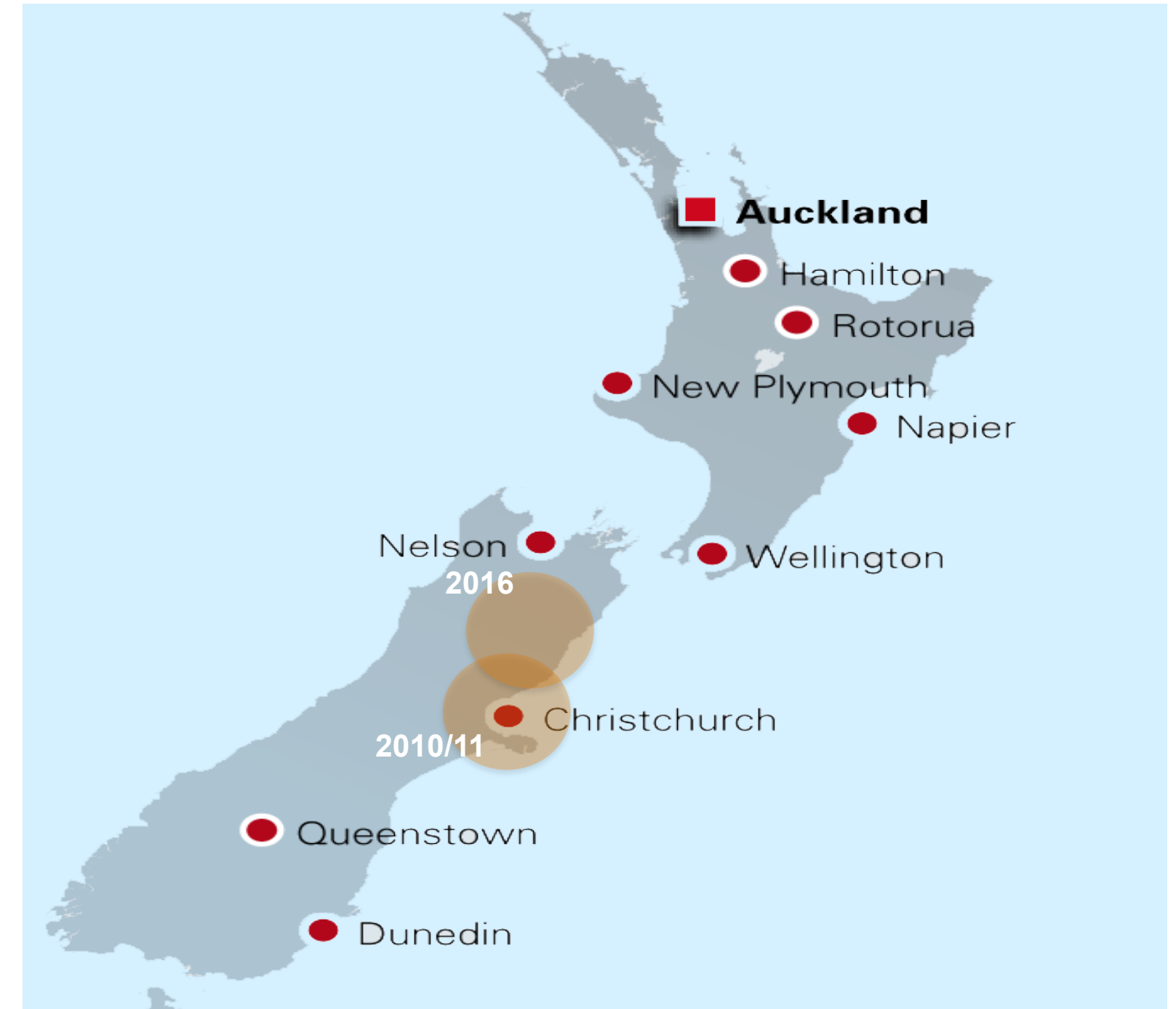
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- ❑ New Zealand school portfolio
- ❑ Overview of property management information system (PMIS)
- ❑ Key features and benefits



New Zealand Schools: governance

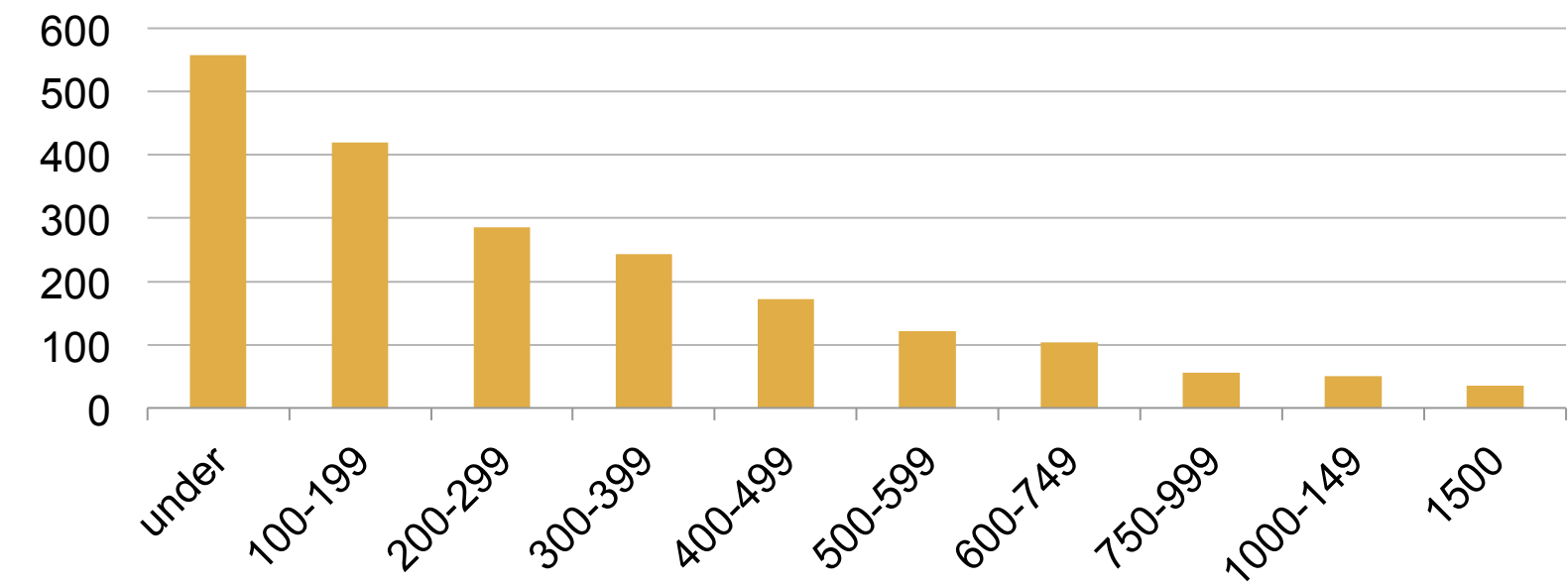
- ❑ Ministry of Education responsible for all state schools
- ❑ EIS dedicated infrastructure division, including
 - ❑ Property
 - ❑ Transport
 - ❑ ICT
- ❑ Strategic asset manager
- ❑ Challenges
 - ❑ partially devolved asset management
 - ❑ emphasis on parental choice
 - ❑ incentives for targeting funding
- ❑ Primary hazards: earthquakes, fire



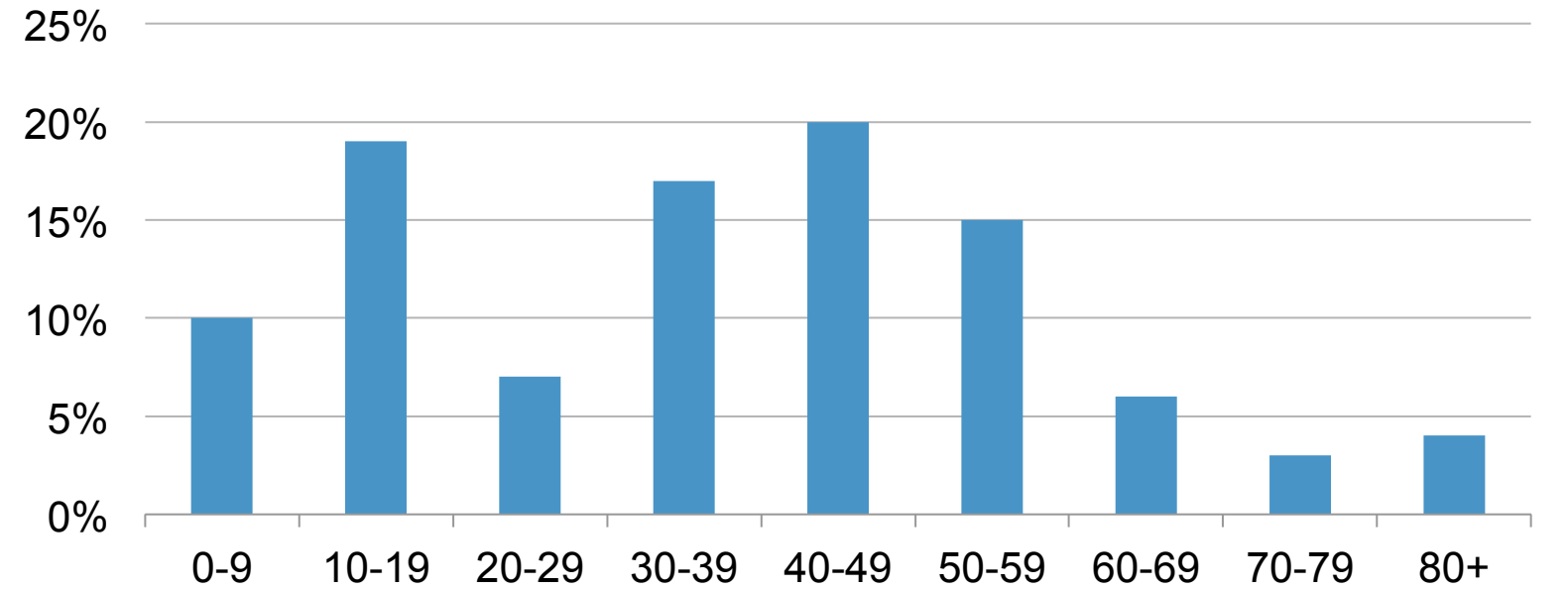
New Zealand Schools: overview

- ❑ Approximately 2,100 schools
 - ❑ 750,000 students
 - ❑ 30,000 buildings
 - ❑ 7,700 hectares of land
- ❑ Replacement value US\$17.5billion
- ❑ Diverse demographic trends
- ❑ Notable characteristics
 - ❑ large number of smaller schools
 - ❑ almost 50% of buildings over 40 years old
 - ❑ 90% timber-framed construction, typically single storey

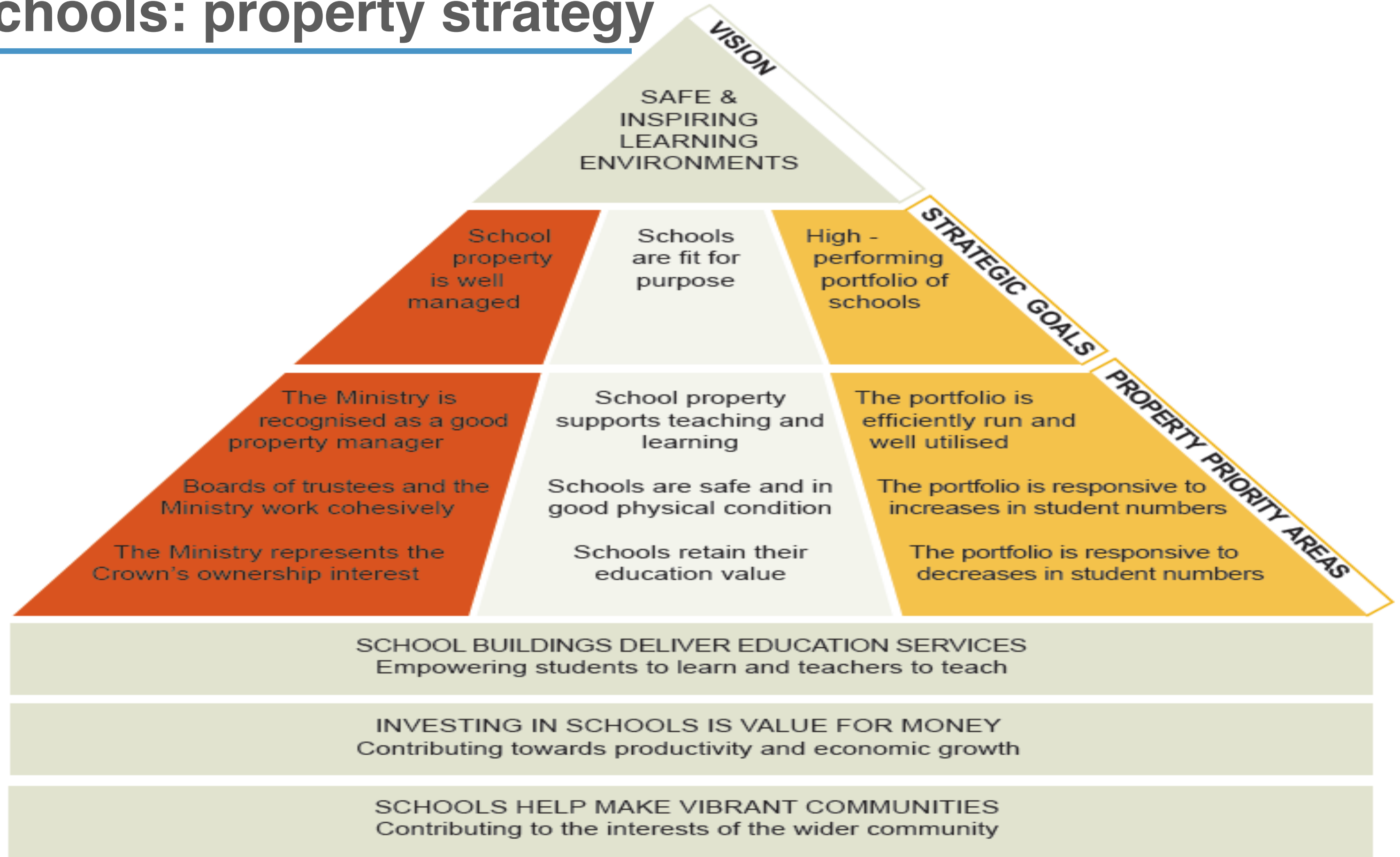
Number of schools by roll



Distribution of building age in years



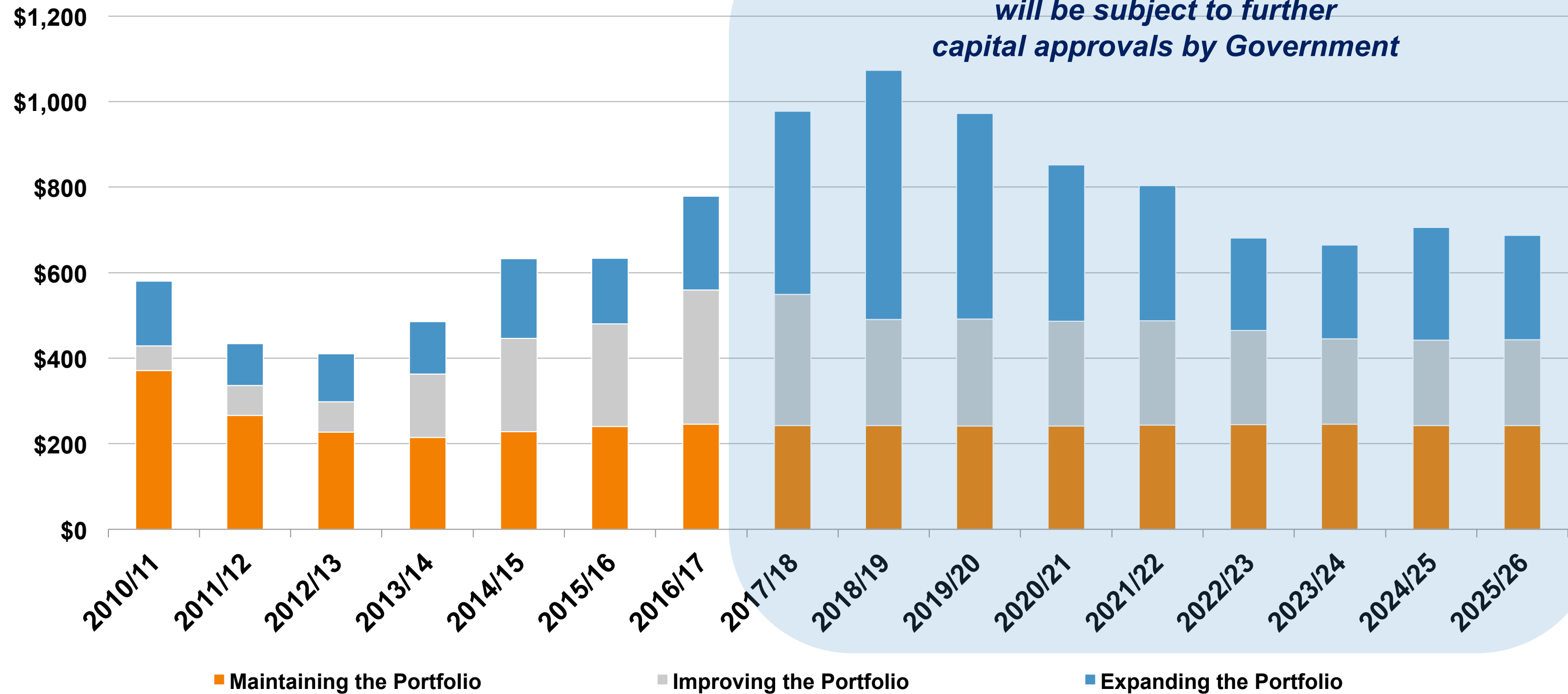
NZ Schools: property strategy



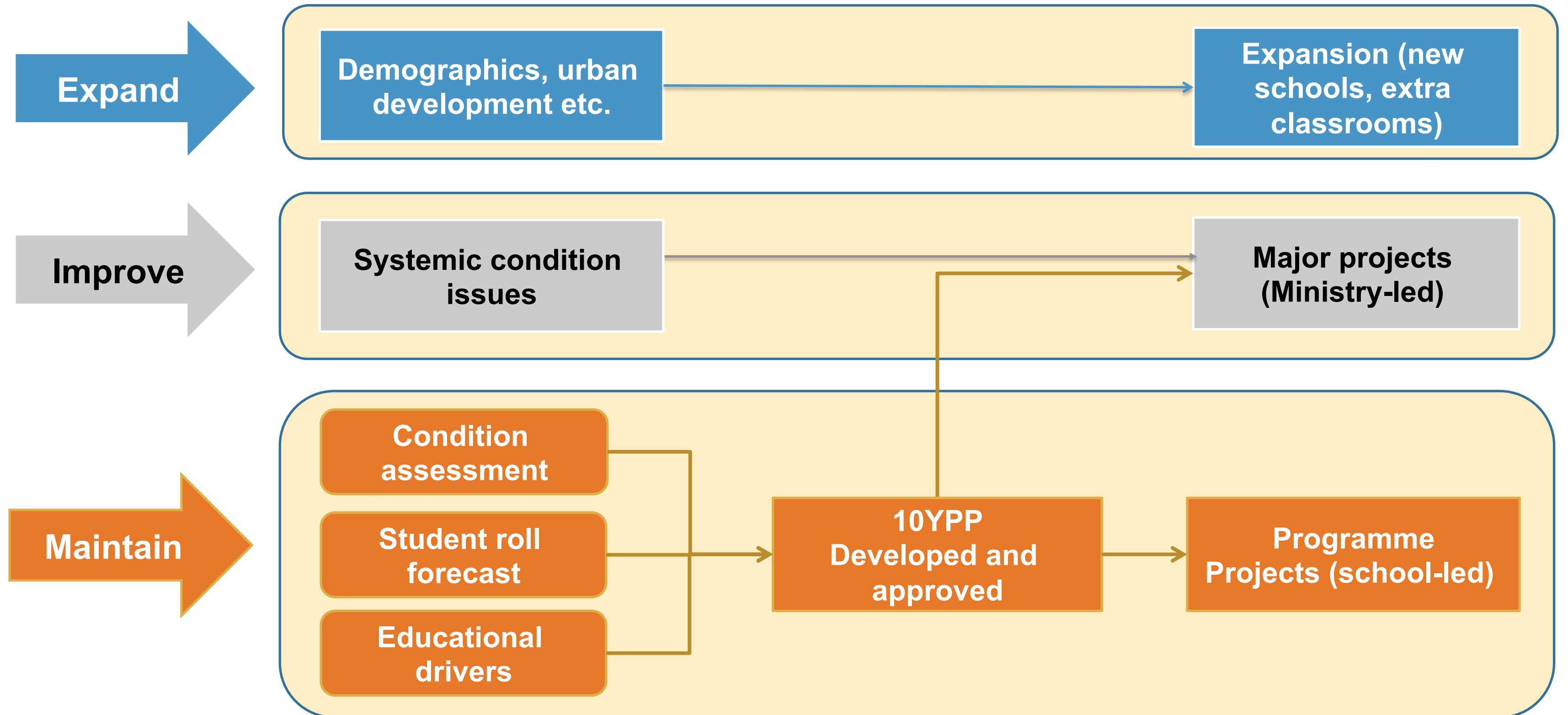
School property investment profile

Graph in NZD; \$NZ 1 = approximately 0.7 \$US

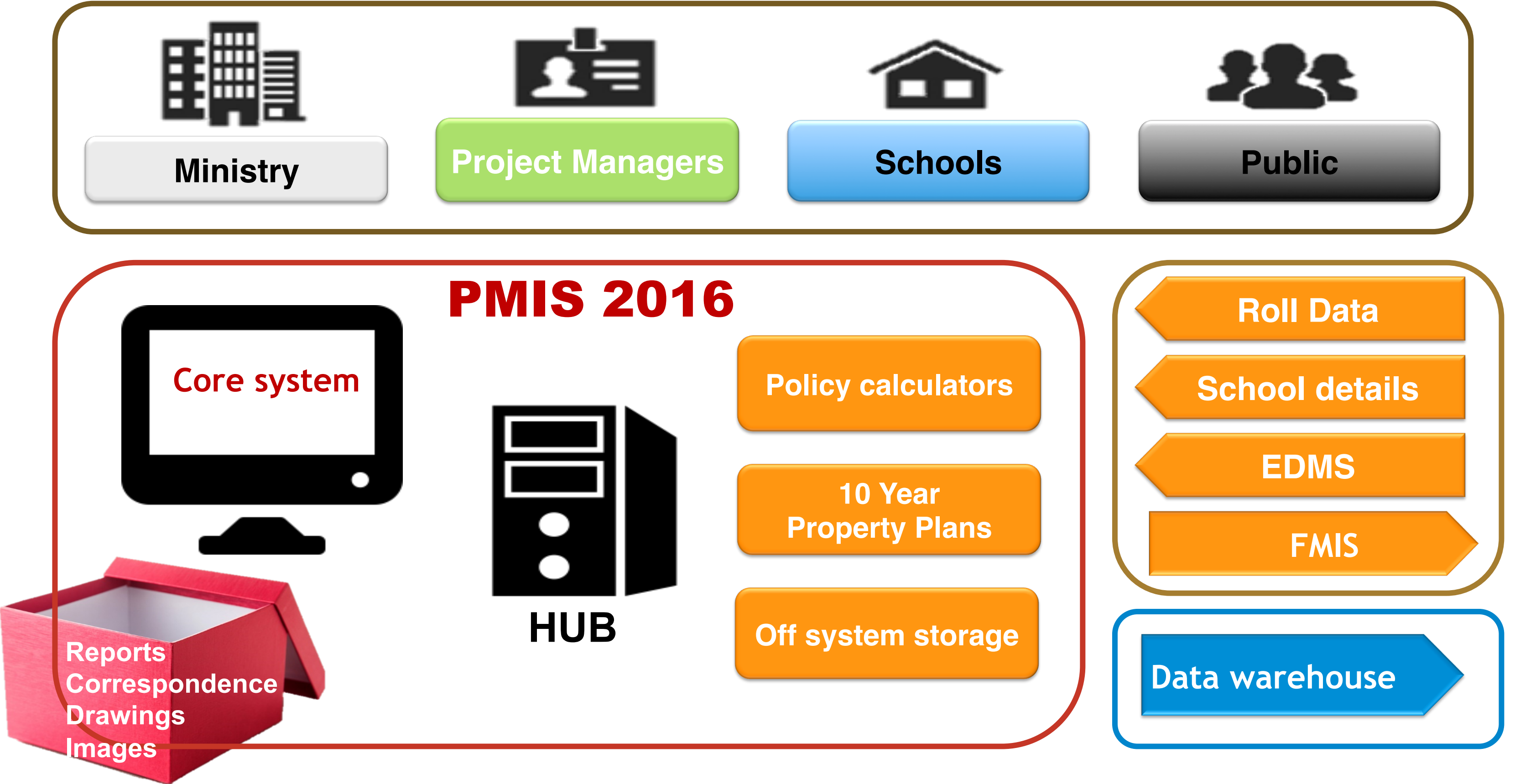
NB: Forecast investment profile - actual levels of investment will be subject to further capital approvals by Government



Simplified outline of capital projects



PMIS system overview



Indicative content

Institution details

- Name
- Type
- Territorial authority
- Site plans
- Contact details
- Classrooms(actual)
- Classrooms (entitled)
- Total space measurements
- Ownership (Ministry, other)
- Decile (1 to 10)
- Isolation index

Buildings/zones

- Name/reference
- Purpose
- Age
- Design type
- Floor levels
- Floor area
- Heating system
- Specialised equipment
- In use?

School management

- Enrolment scheme
- Visit log
- Ministry property advisor
- Incident reports
- Budgets and financing

10-yr property planning

- Building level condition assessment
- Building functionality assessment
- Remediation and capital maintenance plan

Project Management

- Budgets
- Procurement
- Status reports
- Financial controls, approvals

Key features

	Key feature	Summary description
➔	Relationship management	Holds schools' profile, address, contacts, visit log, property leases
➔	Asset data	Up to date records of all school buildings (teaching spaces, admin buildings, teacher housing etc.) Identify, create, maintain and dispose of assets
➔	Project management	End to end management of all school property projects and track projects physical and financial progress from approval to closure
➔	Financial management	Provide “end to end” financial management to manage projects, support financial delegations, manage procurement data, enable payments, update fixed asset register
➔	Funding allocation	Monitoring use of available funding according to policy, priorities, budgetary limits
➔	Data integration	Utilise key input data to facilitate policy implementation and funding and export to common data warehouse
➔	Access	Provide easy access to school property related information for schools and project managers via on-line portal
➔	Reporting	Provide reports and access to information to: monitor health and safety incidents improve asset management capability, comply with applicable legislation etc.

Illustration of key benefits

- ❑ Single source of the truth
- ❑ Shared understanding of assets
- ❑ Improved relationships and collaboration
- ❑ Better planning and decision making ←
- ❑ Reduced risk ←
- ❑ Increased efficiency
- ❑ Improved procurement outcomes
- ❑ Improved financial control ←

**Freeing up time and
resources for education**

Consistent data on building condition,
and functionality supports improved
prioritisation

Consistent recording of hazards and
safety incidents

Able to track spending commitments
against available funding – including
multiple sources

Planned and potential enhancements

- ☐ Extended access
- ☐ Online input and development of 10YPP, other asset management data
- ☐ Project management/planning
- ☐ Improved asset performance data and prioritisation
- ☐ Enhanced procurement
- ☐ Asbestos hazard monitoring
- ☐ Operational maintenance activity



Conclusions

- ❑ New Zealand has unified, national institutional arrangements and manageable scale
- ❑ PMIS provides a potentially powerful tool for effective
 - ❑ asset management
 - ❑ property management
 - ❑ portfolio management
 - ❑ risk management
- ❑ Merit in having a flexible, configurable system
- ❑ Investment extends beyond the cost of system acquisition
- ❑ Integration with other information systems is likely to be required



Questions?

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