



Creating a robust the Cyber Security Strategy

Gavin Ryan

Global Head of Information Security

4th April 2023



About Navitas

- Established 1994
Perth, Australia
- **60,000 students** yearly
from **130 countries**
- **92 colleges and
campuses** across
a global network
- **5,500 employees**
in **24 countries**



Our vision:
to be the best global education
provider in the world for our
students, partners and people



1. Why we need a robust Cyber Security strategy?

Direction



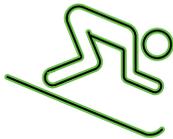
Agreement



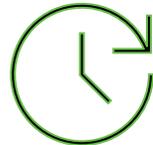
Accountability



Independence



Competitive Edge



Credibility



Prioritisation



Link

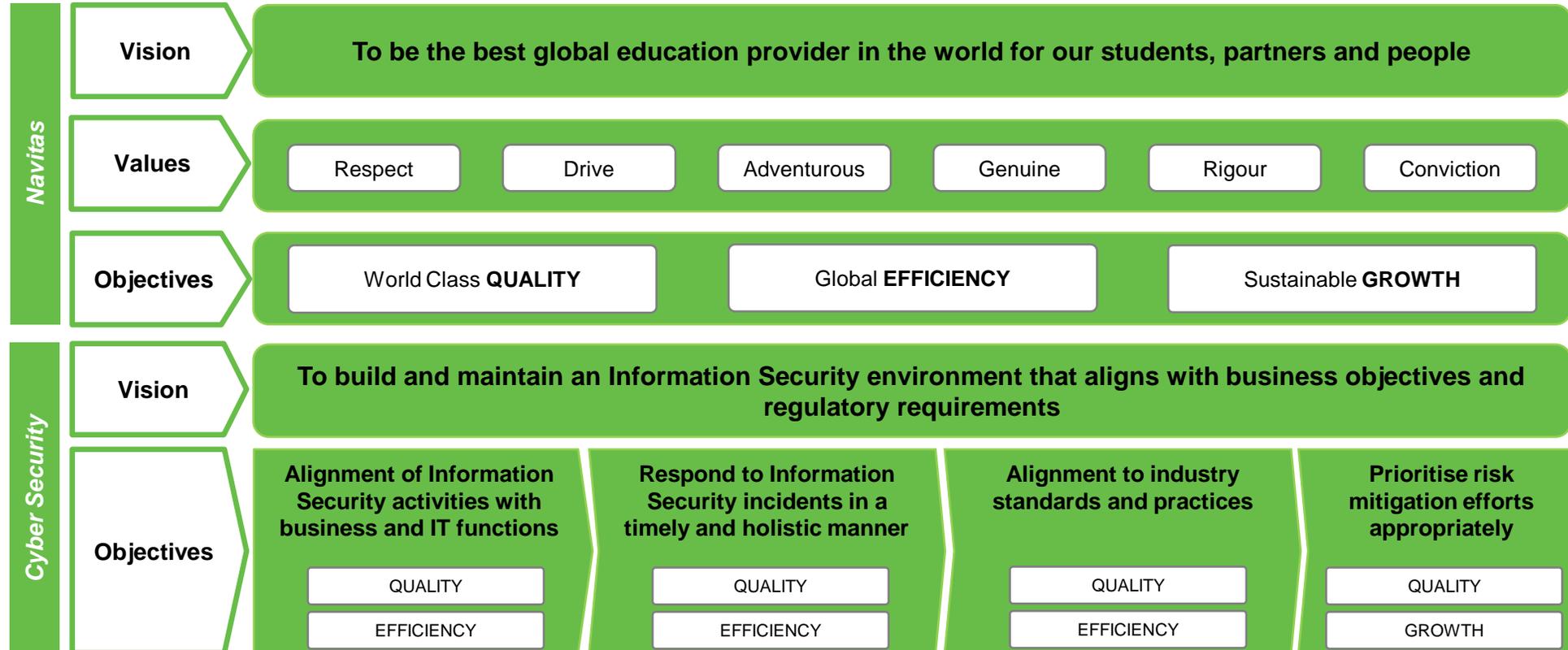
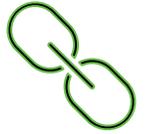


Financial Support



2. Linking a Cyber Security strategy to the Business

Operational Example



3. Embedding credibility into a Cyber Security strategy

Operational Example

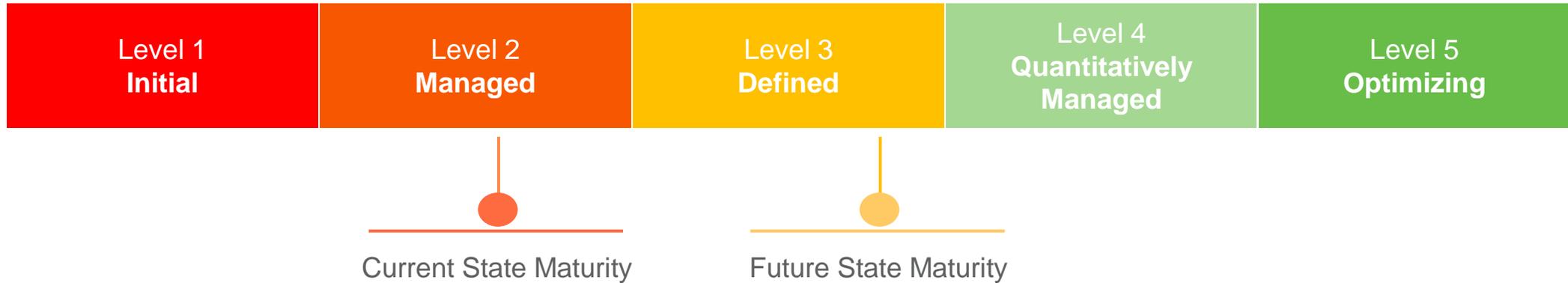
		Identify	Protect	Detect	Respond	Recover
Cyber Security	Strategies Outcomes	Asset Management	Identity Management and Access Control	Anomalies and Events	Response Planning	Recovery Planning
		Business Environment	Awareness and Training	Security Continuous Monitoring	Communications	Improvements
		Governance	Data Security	Detection Processes	Analysis	Communications
		Risk Assessment	Information Protection Processes and Procedures		Mitigation	
		Risk Management Strategy	Maintenance		Improvements	
		Supply Chain Risk Management.	Protective Technology			



4. Presenting Cyber Security maturity to the Board



Example #1: Capability Maturity Model



Example #2: Overall Maturity



- Current Information Security Maturity
- Work required to uplift Information Security Maturity to an acceptable level



3. Establishing a dynamic Cyber Security strategy



Operational Example

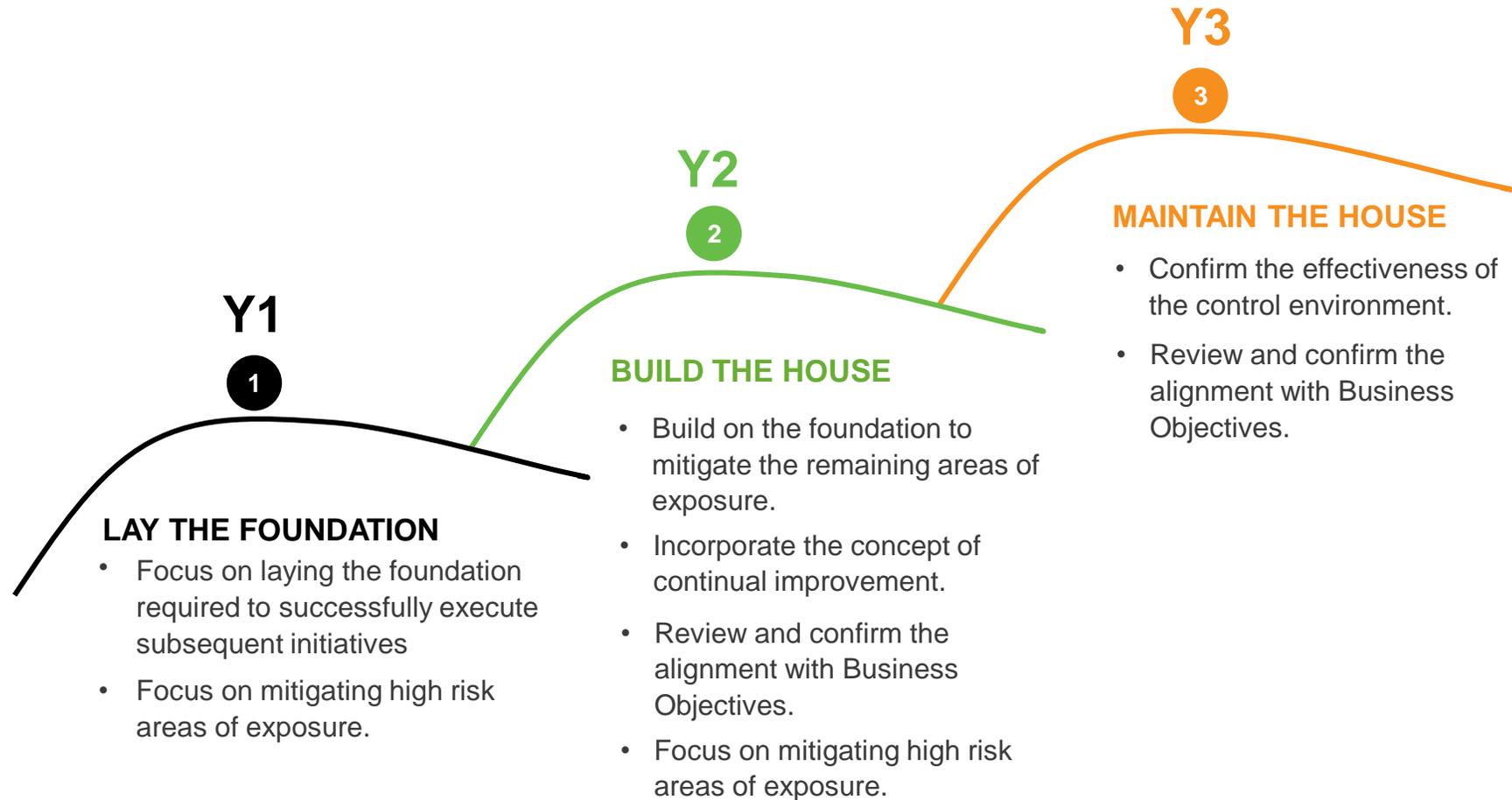
Function	Category	Subcategory	Maturity Improvement (%)	Current State	Target State	Percentage completed this period
RECOVER (RC)	Recovery Planning (RC.RP): Recovery processes and procedures are executed and maintained to ensure timely restoration of systems or assets affected by cybersecurity events.	RC.RP-1: Recovery plan is executed during or after an event	100%	1	4	95%
	Improvements (RC.IM): Recovery planning and processes are improved by incorporating lessons learned into future activities.	RC.IM-1: Recovery plans incorporate lessons learned	40%	1	3	100%
		RC.IM-2: Recovery strategies are updated	60%			75%
	Communications (RC.CO): Restoration activities are coordinated with internal and external parties, such as coordinating centers, Internet Service Providers, owners of attacking systems, victims, other CSIRTs, and vendors.	RC.CO-1: Public relations are managed	40%	1	4	75%
		RC.CO-2: Reputation after an event is repaired	30%			75%
		RC.CO-3: Recovery activities are communicated to internal stakeholders and executive and management teams	30%			75%



3. Setting expectations in the delivery of a Cyber Security strategy



Operational Example





Q & A



Our business operations



UNIVERSITY PARTNERSHIPS

We partner with universities all over the world to offer international and domestic students pathways to higher education. Our students benefit from exceptional support and teaching excellence and our partners benefit from our global resources and international expertise.

We provide managed campus services for many of our partners, enabling them to reach more students in more locations.



HIGHER AND VOCATIONAL EDUCATION

Our independent higher education providers offer accredited certificate, diploma, degree and postgraduate programs that equip learners with the skills they need to make valuable contributions to industry and society.

Specialising in creative media, human services, business management and a growing number of disciplines, our world-leading colleges offer a diverse range of programs both across Australia and around the world to meet industry demand and the needs of learners.



LANGUAGE AND EMPLOYABILITY SKILLS

We deliver English language and testing services and literacy, numeracy and digital skills programs to help a diverse range of clients develop essential skills.

Our work integrated learning programs offer people the skills and experience needed to maximise their employment prospects, and our strong relationships with employment providers, employers and industry assist in delivering positive outcomes.

Our management and professional development programs are helping to prepare and strengthen the leaders of tomorrow.