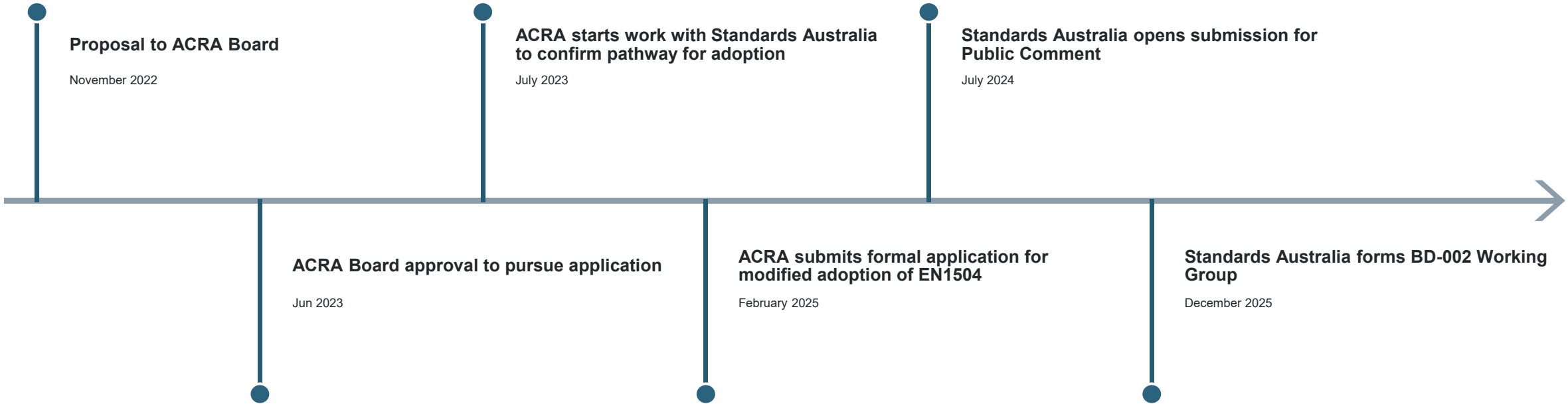
STRATEGIC BRIEFING FOR REMEDIAL BUILDING PRACTITIONERS: LOCAL ADOPTION OF EN1504

17 July 2026

Presenter: Karen Amery
ACRA's Immediate Past President (2024–2025) and led the organisation's application to Standards Australia for the local adoption of EN1504.

EN1504 PRODUCTS & SYSTEMS FOR THE PROTECTION & REPAIR OF CONCRETE STRUCTURES

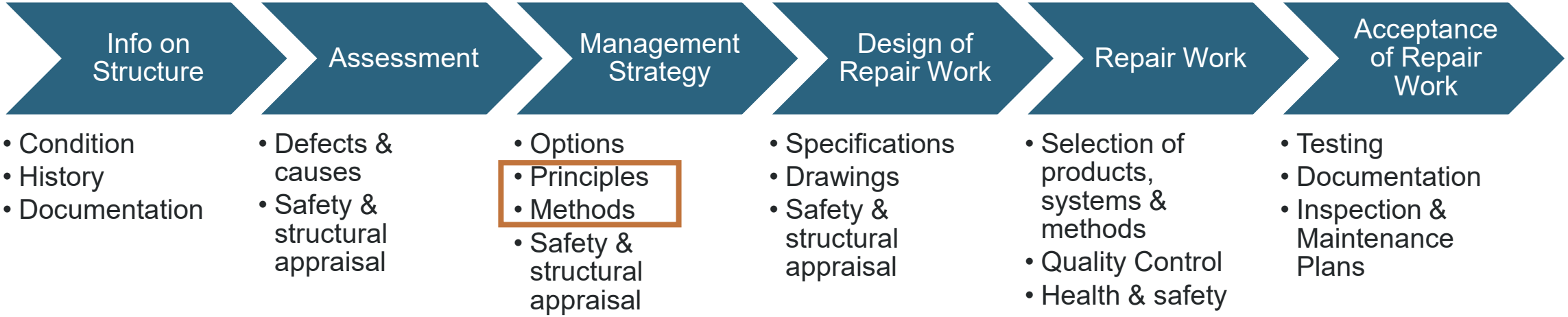
- Understanding the path toward local adoption of EN1504



EN1504 PRODUCTS & SYSTEMS FOR THE PROTECTION & REPAIR OF CONCRETE STRUCTURES

DEFINITIONS	SURFACE PROTECTION	STRUCTURAL & NON-STRUCTURAL REPAIR	STRUCTURAL BONDING	CONCRETE INJECTION
ANCHORING OF REINFORCING BAR	REINFORCEMENT CORROSION PROTECTION	QUALITY CONTROL (PRODUCT MANUFACTURE)	PRINCIPLES	SITE APPLICATION & QUALITY CONTROL

GENERAL PRINCIPLES



PRINCIPLES & METHODS RELATED TO CONCRETE DEFECTS

Protection against ingress	• Coatings, membranes & impregnations • Crack repair
Moisture control	• Coatings, impregnation
Concrete Restoration	• Mortar applications by hand, pouring & spraying
Structural Strengthening	• Adding reinforcing bars, mortar, plates, concrete & structural crack repair
Increasing physical resistance	• Coatings, impregnations & mortar
Resistance to chemicals	• Coatings, impregnations & mortar

Principles & Methods Related to Reinforcement Corrosion from EN1504 are not shown here.

POTENTIAL IMPLICATIONS

Project Lifecycle

EN1504	Primary Stakeholders	Potential Implications
Assessment & Repair Strategy (Sections 1 & 9)	Asset Owners, Engineers, Consultants	More consistent specifications Common terminology Performance-based selection Clearer repair philosophy
Products & Systems (Sections 2-8)	Manufacturers, Suppliers, Engineers, Consultants	Demonstrating performance Consistent testing Comparable product information
Site Execution & Quality (Section 10)	Contractors, Applicators, Superintendents	Installation requirements Documentation Verification of workmanship
Asset Management	Asset Owners & Managers	Better long-term asset performance More confidence in specifications Improved lifecycle management

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