New Zealand Industry Transformation Framework



COMPANY

ı

0

0

Ш

Actors

GOVT

• Future best practice

TECHNOLOGY, MATERIALS & TOOLS

Advanced building & finishing materials

Standardised, modularised & prefabricated components (Semi-) automated construction equipment

New construction technologies

Smart & life-cycle optimising Data capture equipment Digital technologies

Big data

STRATEGY & BUSINESS MODEL INNOVATION

Differentiated business models, consolidation and/or partnerships Sustainable products with optimal life-cycle value

Internationalisation strategies to increase scale

PROCESSES & OPERATIONS

Concerted time in design (front-loaded)
Project planning

Active/continuous risk management Collaboration with project owners

Project management Learning from project to project

Collaboration with subcontractors and suppliers

Lean and safe construction management and operations Project monitoring (scope, time, cost)

PEOPLE, ORGANISATION & CULTURE

Workforce planning, smart hiring and enhanced retention Continuous training and people development Knowledge management and sharing across people High-performance culture; Innovationfriendly & forwardlooking

INDUSTRY COLLABORATION

Mutual consent on standards across the industry Benchmarking and data exchange

Best-practice sharing

JOINT INDUSTRY MARKETING

Industry-wide collaboration on employer marketing

Co-ordinated communication with society and communities

Effective interaction with the public sector

REGULATION & POLICIES

Adherence to harmonised building codes/standards; Efficient permit processes Market openness to international firms and small and medium-sized enterprises (SMEs) Promotion and funding of R&D, technology adoption and education

PUBLIC PROCUREMENT

Maintain high transparency & standards Actively managed project pipeline; Adequate project funding

Realistic bidding requirements; Efficient and effective bidding processes