

# Constructing Building Integrity: Raising Standards Through Professionalism

## Book Chapter 13: BNM online references

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**Prof. Zelinna Pablo**  
**Prof. Kerry London**  
**Dr. Barbara Bok**

**Torrens University Australia**



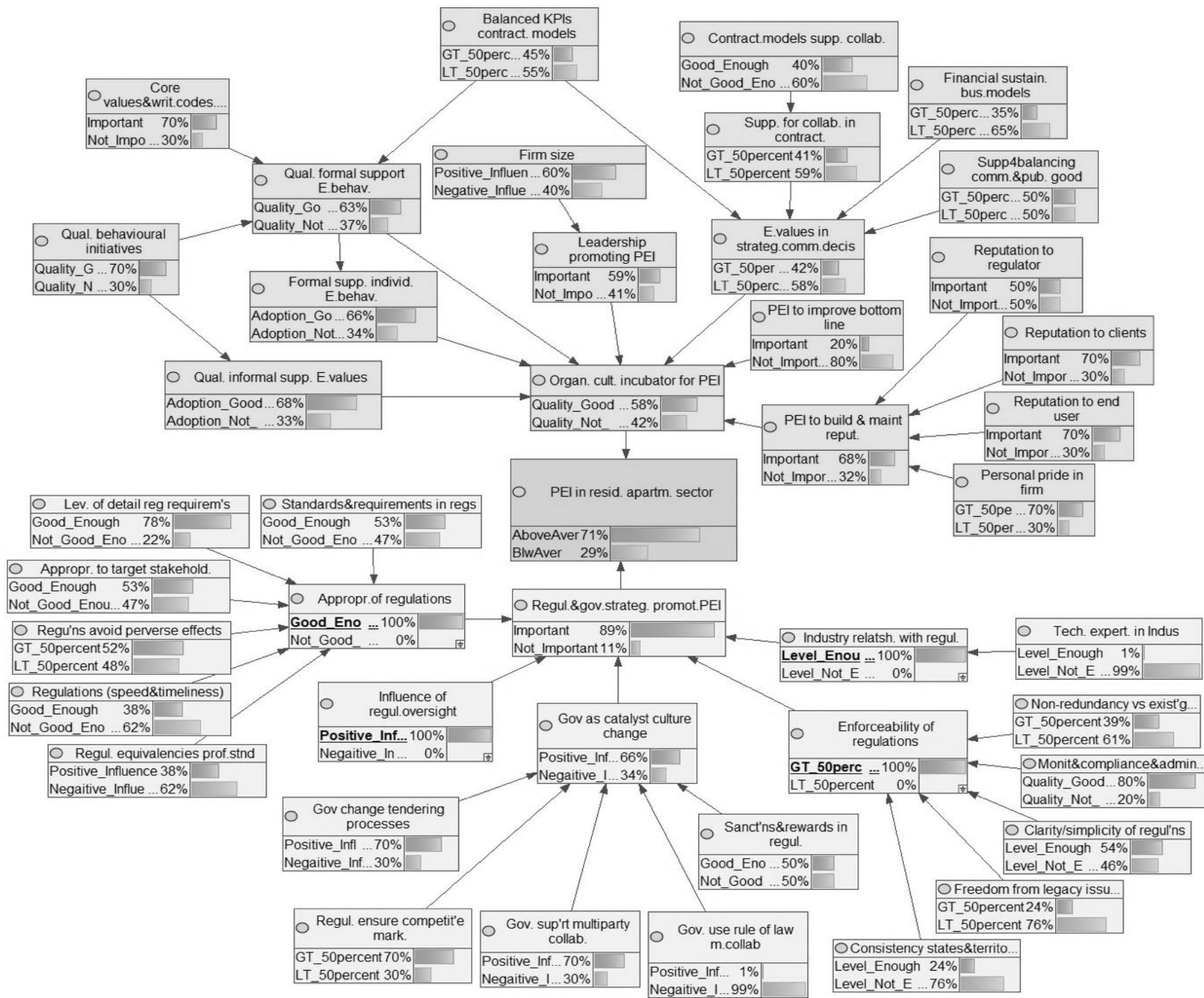
## Overview

This document contains supplementary material for Chapter 13 of the edited collection *Constructing Building Integrity: Raising Standards through Professionalism*. Chapter 13 is one of three methodological chapters in this collection. Specifically it focuses on the development of Bayesian Networks (BNs) to strengthen decision-making leading to increased professional ethical behaviour in the construction industry. The chapter describes how these BNs were developed over a three-year period of document reviews, interviews and discussions with an expert panel.

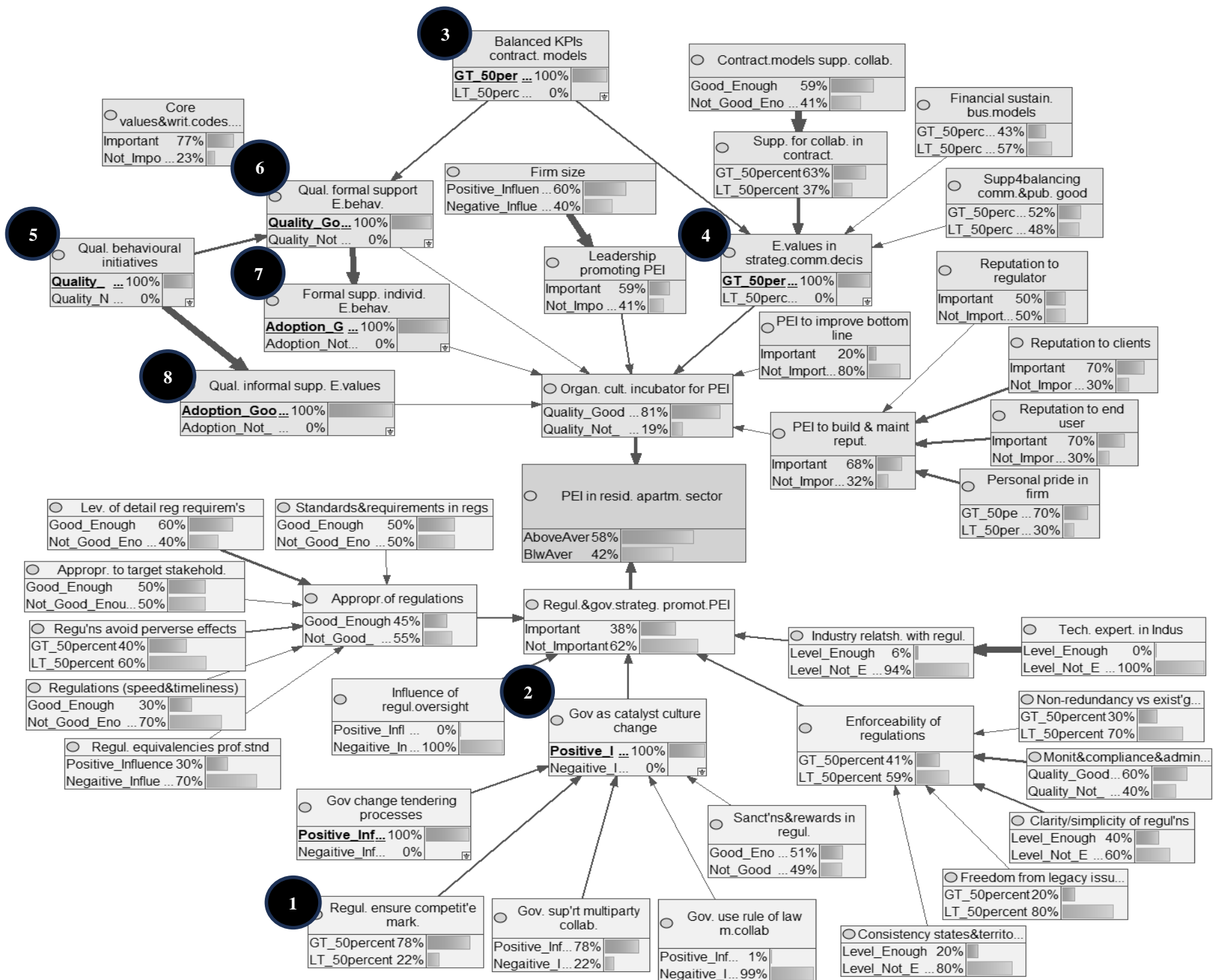
Three Bayesian Networks are presented here:

- Online Reference 1 shows initial conditions, in particular the organisational and regulatory/government factors that interact in ways that lead to the perceived current state of professional integrity in the construction industry.
- Online References 2 and 3 show two hypothetical scenarios showing how integrity can be strengthened, using regulatory and client leadership strategies, respectively.





Online Reference 2. Scenario 2 shows the impact of regulatory policy on four nodes.



Online Reference 3. Scenario 3 shows the impact of public client leadership on eight nodes.