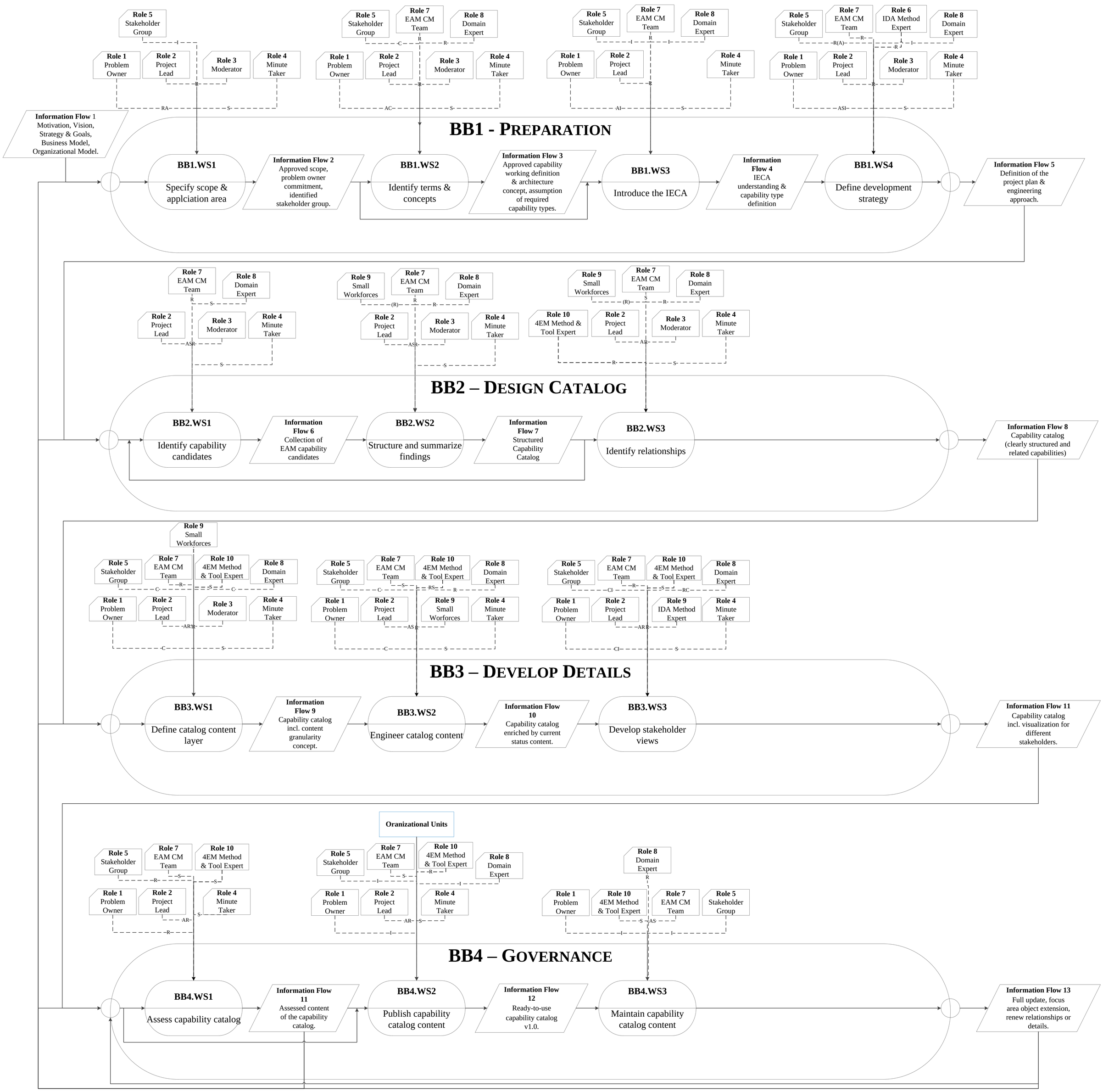A-12 Appendix CMG