

Indicative solution of the Redevelopment of Social Housing Districts case (EN)

dr. Erik Pruyt

September 2012

In this case, students are required to make a simplified version of the ‘Social Housing District’ model (see Figure 1) presented in (Pruyt 2008), simulate its dynamics (see Figure 2), explain the link between structure and behaviour, perform uncertainty analyses, test two proposed policies, propose another –more effective– policy, and make a simplified causal loop diagram that could be used to explain the link between structure and resulting behaviour (see Figure 3).

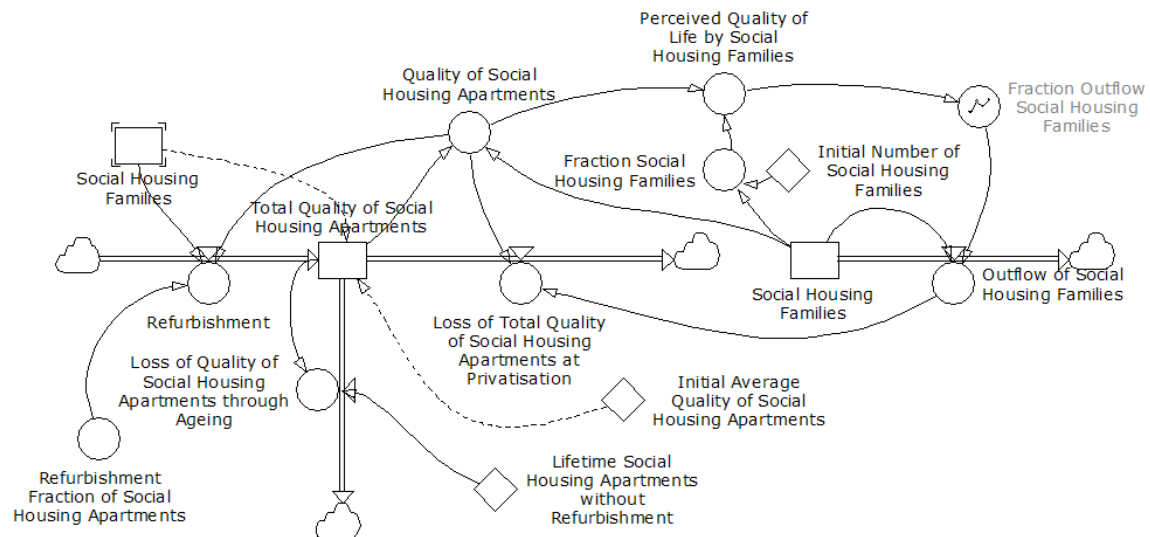


Figure 1: Stock-Flow Diagram of the simplified Social Housing District model

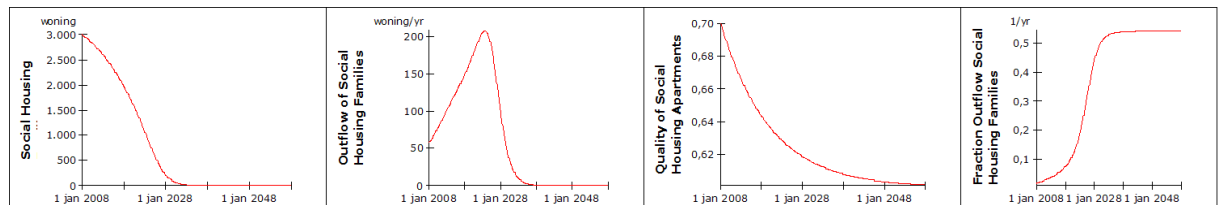


Figure 2: Behaviour of the simplified Social Housing District model

References

Pruyt, E. (2008, July). Dealing with multiple perspectives: Using (cultural) profiles in System Dynamics. In *Proceedings of the 26th International Conference of the System Dynamics*

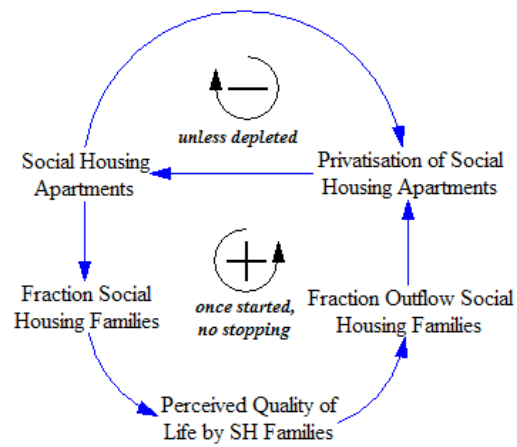


Figure 3: Causal loop diagram of the simplified Social Housing District model

Society, Athens, Greece. 1