# Safe system approach Detailed and simplified illustrations

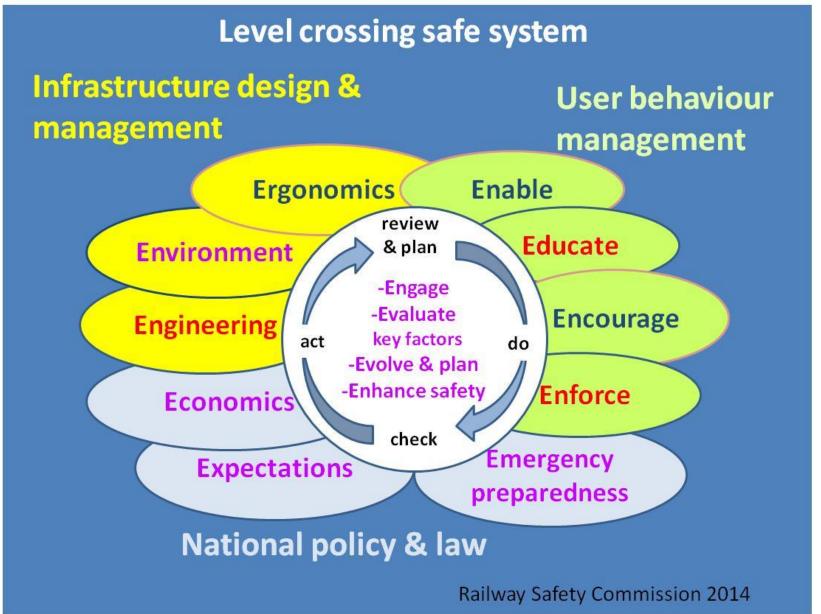
Donal Casey 21/03/2016

presented to UNECE GE.1 on LC safety

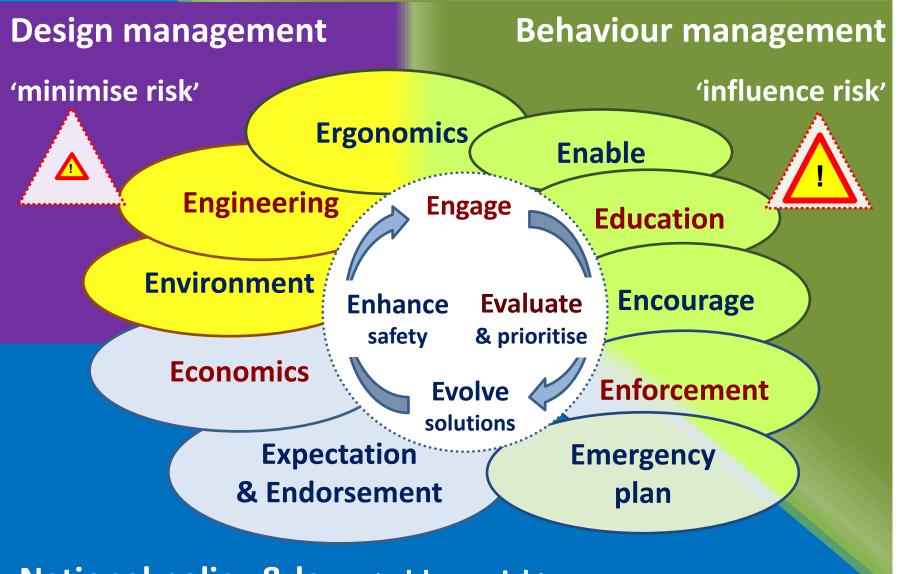
## Level crossing 'safe system' approach

- holistic
- multi-disciplinary
- "safe by design" & "fit for purpose"
- empower users
- manage risks
- continual improvement
- enhance safety

## Original model



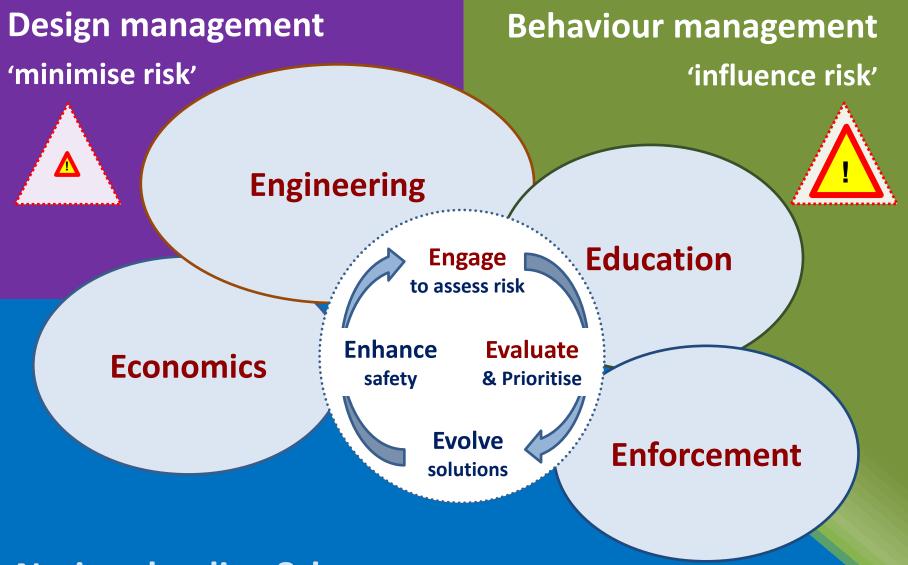
### **Level Crossing Safe System approach**



National policy & law - 'address risk'

Commission for Railway Regulation 2016

### Level Crossing Safe System approach (basic)



National policy & law- 'address risk'