# Improving Safe System Intersection Performance

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| Intersection crashes account for approximately 30% of deaths and serious injuries in New Zealand. This presentation looks at initiatives to improve the design of intersections for better alignment with the Safe System objective of minimising death and serious injury. Safe System intersection design principles include minimising conflict points, removing / simplifying road user decisions, minimising impact angles, and limiting entry and impact speeds in accordance with human biomechanical injury tolerance thresholds. Examples covered in this presentation include the use of Raised Safety Platforms at intersections, fully controlled right turns at traffic signals as default policy, and innovations in roundabout design including rural compact roundabouts and measures to improve safety for cyclists. The presentation will also include a post-installation evaluation of New Zealand’s first pilot treatment of a signalised intersection using Raised Safety Platforms.  |