

Safe, sustainable transport in reindeer husbandry area 2.0

Project leader

David Kero, LTU Business AB

Partners

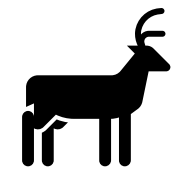
Sattajärvi Sameby, Luleå University of Technology, Kaunis Iron, LKAB, Boliden, Volvo Trucks, WIST Last & Buss

Project duration

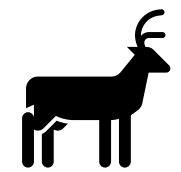
January 2024 - February 2026



Goals of the project



Minimise the number of reindeer killed in traffic accidents



Minimise the number of operational disruptions



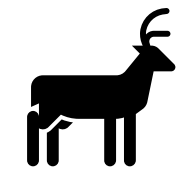
Increased traffic safety



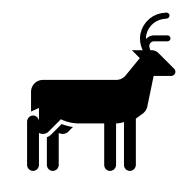
Raise the level of knowledge among the project partners about each other's activities, challenges and opportunities



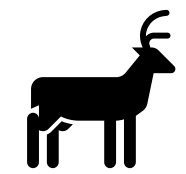
Results so far



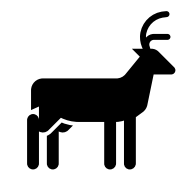
New trackers due to shutdown of existing 2G-3G net



LoRaWAN-network – great range



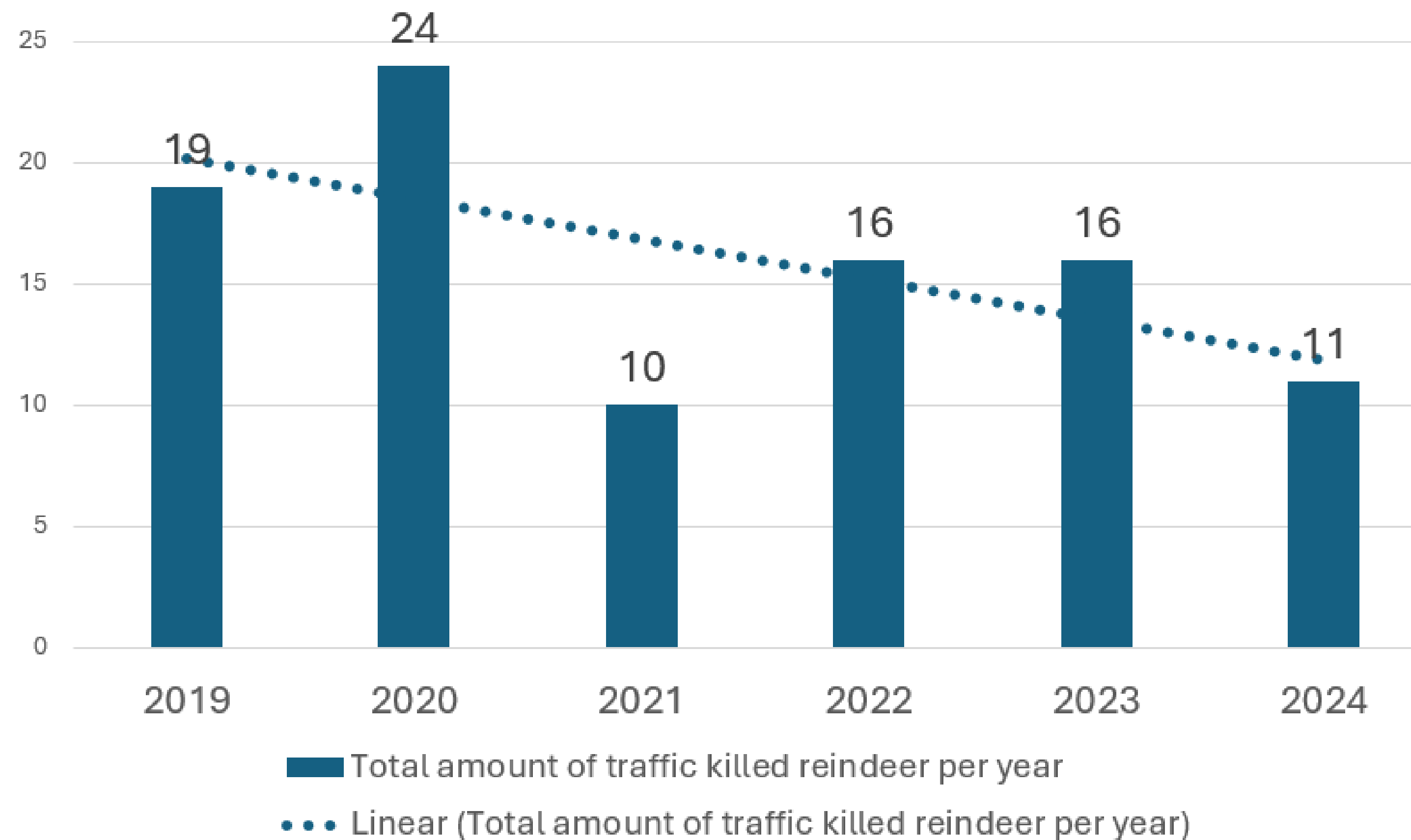
Better fit - less weight - longer batterytime – reflective band



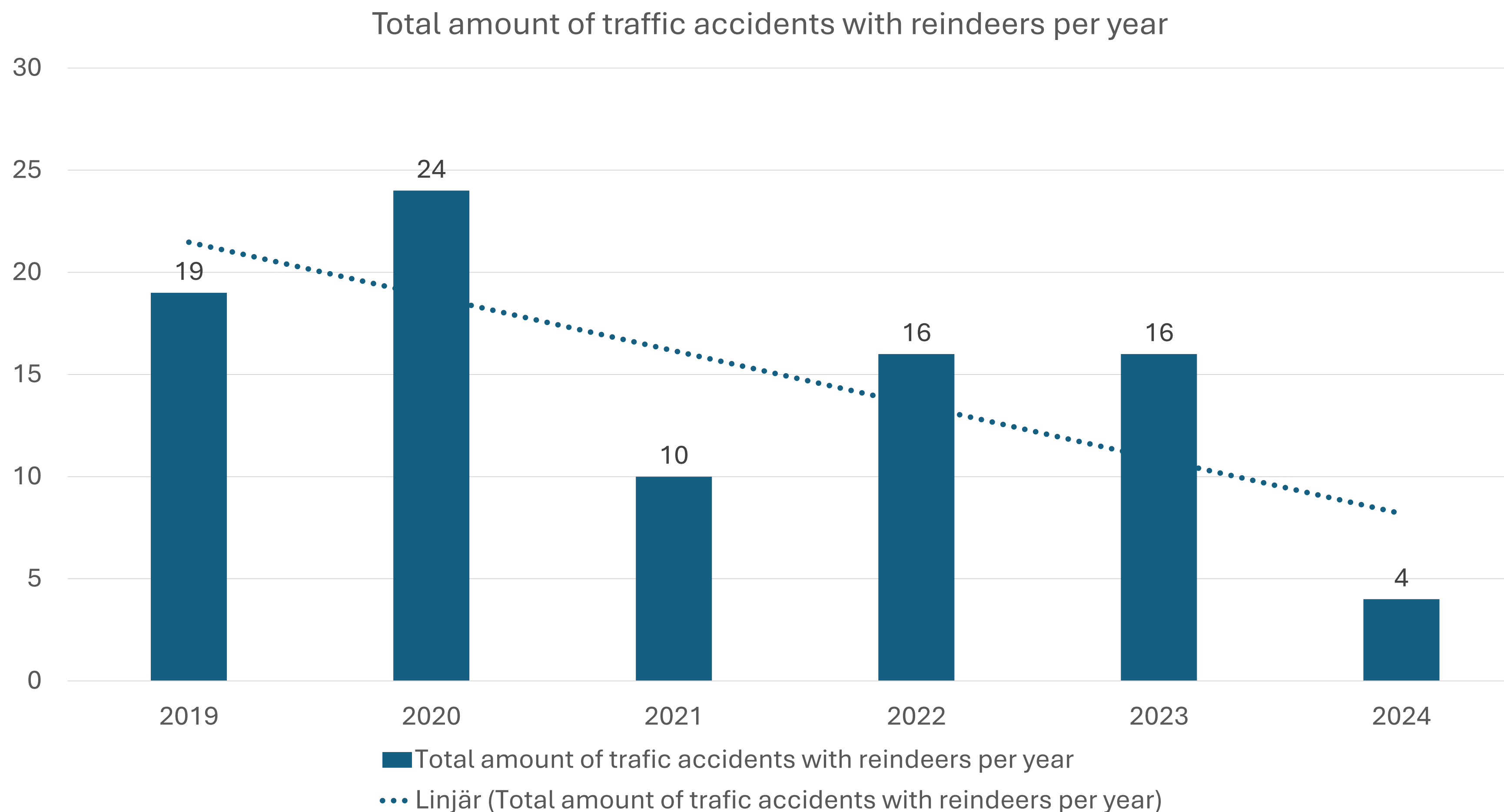
Traffic management system



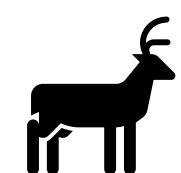
Results so far - Total amount of traffic-killed reindeer per year on the designated road section of the project



Results so far - Total amount of accidents with reindeers per year on the designated road section



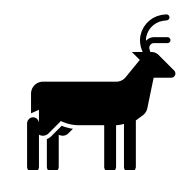
Upcoming activities and next step



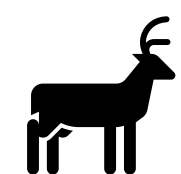
Gathering statistics & data for 2025



Spreading the knowledge & learn more from other initiatives



Continue to develop methods and settings for reducing accidents



New ideas emerging with interest from other industries





Contact:

David Kero

david.kero@ltubusiness.se

Mining innovation for a sustainable future