HiVision | Virtual reality support for crane operators



HiVision is the industry leading innovative digitalisation solution that provides individual crane operators with vision to safely carry out any loading job without having to leave the truck cabin.

Forestry crane work is often an isolated and rugged business carried out in challenging temperatures and harsh environments. Hiab's HiVision™is transforming the working conditions and productivity using virtual reality technology, goggles, external cameras. Precision and efficient log lifting every time - all from the safety and comfort of the crane cabin. HiVision™ is the first fully digitalised solution that gives a 270 degree view horizontally and 130 degree view vertically using external cameras mounted to the body of the equipment. The virtual reality technology assesses the external working conditions so the operator can stay safely within the truck cabin. Once the 'target' has been identified, the system allows the operator to guide the crane using an electronic joystick mounted on each armrest of the truck's passenger seat.

MORE DETAILS

CHALLENGE ADDRESSED

5.- Enhance economic and environmental performance of forest supply chains

DOMAIN

Products, markets, trade

Harvesting, infrastructure, logistics

Education and training

TYPE OF SOLUTION

Smart machinery, equipment

KEYWORDS

crane; digitalisation; safety

DIGITAL SOLUTION

Yes

INNOVATION

Yes

COUNTRY OF ORIGIN

Sweden

SCALE OF APPLICATION

Local

START AND END YEAR

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LOGO OF BEST PRACTICE

LOGO OF MAIN ORGANIZATION



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