

# 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.

## MAIS DETALHES

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### DESAFIO ABORDADO

5. Melhorar o desempenho económico e ambiental das cadeias de abastecimento florestal

### DOMÍNIO

Produtos, mercados e comércio  
Cortes, infraestruturas e logística  
Educação e formação

### TIPO DE SOLUÇÃO

Maquinaria inteligente, equipamento

### PALAVRAS-CHAVE

crane; digitalisation; safety

### SOLUÇÃO DIGITAL

Sim

### INOVAÇÃO

Sim

### PAÍS DE ORIGEM

Suécia

### ESCALA DE APLICAÇÃO

Local

### ANO DE INÍCIO E FIM

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## DADOS DE CONTACTO

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### PROPRIETÁRIO OU AUTOR

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### REPÓRTER

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LOGOTIPO DA BOA PRÁTICA

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LOGOTIPO DA ORGANIZAÇÃO PRINCIPAL

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PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

11 Ago 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

